Usenet Newsgroup Archive: rec.radio.amateur.equipment

1995-08 - 1995-12

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Date span: 1995-08-01 through 1995-12-31

Source text: rec.radio.amateur.equipment.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 6,446

Message records with no readable body available in the source text: 24

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. Re: Azden 6m handheld. Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: km6xu@wco.com
Message-ID: <3vkntp$m4e@news.wco.com>
Source record: 214302

Jeffrey D. Stai (jds@neptune.net) wrote:

: Does anyone out there have any opinion of the Azden AZ-61 6m handheld?
: I have half an idea to get one...

If you want a six meter FM handheld, you really don't have a choice.
Regarding my AZ-61, my thoughts are:

Pluses:
This unit is built more like a commercial radio than an amateur radio.
The volume and squelch controls have both good range and feel nice.
The seals around the two buttons are almost too good.
It drops to a 100 uA battery save mode, regardless of band activity.
The monitor button also switches you over to the reverse.
The light button turns on the light for about ten seconds.
It has a real man's belt clip.
It seems to go a long time on a battery.
My Yaesu speaker mic works fine with it.
Plenty of audio out, others say mine is fine too.
It's American, gosh dang it!

Minuses:
The user interface absolutely sucks! I've crashed its software twice.
A hard reset leaves weird stuff in some memories I can't seem to clear.
The manual explains the obvious, and leaves the rest to experimentation.
All of my other radios you just pick up and use; boy, not this one!
VFO mode is good only for plain vanilla simplex operation.
The only battery available is a 12V 600mA that is compatible with nothing.
The only battery charger available is its geeky "five hour" stand.
The light doesn't light the keypad.
It doesn't have DTMF memories.

In summary:
This radio is fine for me because all I wanted is something durable
that goes a long time on a battery for working my repeater and an
occasional chat on 52.525, but don't expect this unit to be an Icom,
Yaesu, or a Kenwood.

Cheers -- Mark
--
***** Mark Walsh ***** km6xu@wco.com ***** km6xu@kc6pjw ***** L10861 *****

2. Collins propman

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: "Murray S. Tucker" <mtucker@freenet.calgary.ab.ca>
Message-ID: <Pine.A32.3.91.950801022610.71404D-100000@srv1.freenet.calgary.ab.ca>
Source record: 214303

Has anyone had any experience with the Collins propogation forecasting
program the is advertised for sale lately in the ham magazines?
Any comments?
Thanks.
de VE6MT Murray

3. Modulation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: alik@sw.ru
Message-ID: <3vkrmg$hfh@rivendell.elvis.msk.su>
Source record: 214304

What type of emission (modulation) means ?
For example 16K0F3E ?

WHERE (WWW or FTP) CAN I FIND SOME INFORMATION ABOUT ?

Please E-mail me.
^^^^^^^^^^^^^^^^^
Thanks in advance.
Best regards.

Oleg V. Melnikov
Moscow
Russia
alik@sw.ru

4. Icom service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <3vksrk$q4l@ixnews5.ix.netcom.com>
Source record: 214305

I recently sent an Icom W21AT HT for service. Most of the problems were due to many hours of carrying it on my belt. A missing PTT button, TTP worn to where it couldn't be read and some buttons that no longer worked, screws missing, etc. They replaced the TTP, replaced the missing screws, replaced the PTT button, and checked all other things like power out, deviation, audio, etc. They were nice enough to send me an estimate via email as I had requested, which expedited the repair and return of the radio. The total cost was less than the cost of a single battery for the radio, of which I have two. Oh, and they cleaned the whole thing inside and out.

I have to compliment Icom factory service. They did a nice job and I now have a radio that looks and works like new.

Jim WB6LWS in Pacifica, CA

5. Free Ham Radio Test Simulators - Macintosh

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-0108950603120001@wd1v.mv.com>
Source record: 214306

The new Macintosh Ham Test Simulators are HERE!

Novice Ham Test 5.0 SA.sea
Technician Ham Test 5.0 SA.sea
General Ham Test 5.0 SA.sea
Advanced Ham Test 5.0 SA.sea
Extra Ham Test 5.0 SA.sea

The latest versions feature:

HyperCard 2.3 as a stand-alone application (SA) eliminating
the need to have HyperCard. All you need is a Mac with 4
Meg of memory and version System 7 or greater.

Each version 5 Ham Test Simulator has the latest questions
as prepared by the Question Pool Committee.

Each Ham Test Simulator is FREE OF CHARGE and work the
same way as the originals written by Diana, KC1SP.

You may obtain a Ham Test Simulator by mailing me a *FORMATTED
disk (1 per test) and include a Self Addressed and Stamped disk
mailer for the return.

Each Ham Test Simulator is also bundled with a shareware CW
program called MacMorse 1.4 written by Doug, WB0EON.

Also included are a collection of text files that relate an
interesting variety of ideas about the best way to study CW and
prepare for tests.

If you load these onto file servers where others can gain access
via Internet, please let me know so we can point others in that
direction.

Your comments and suggestions for future versions are always
welcome. Stay in touch and good luck with your next test!

73,

--

==
John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive America On Line: jseney@aol.com
Manchester, NH 03103-6150 AX.25 Pkt: wd1v@wb1dsw.nh.usa.na
(H) 603-668-1096 Ampernet: wd1v@wd1v.ampr.org
(O) 603-627-6303 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

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* Source for Digital Scope.FAQ
*To obtain the latest copy automatically, simply send me an EMAIL
with "subscribe scope.faq" in the subject field.
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6. Re: Azden 6m handheld. Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: zimmatore@randomc.com
Message-ID: <3vl3s8$4pl@news.randomc.com>
Source record: 214307

In <3vkntp$m4e@news.wco.com>, km6xu@wco.com (Mark Walsh) writes:
>Jeffrey D. Stai (jds@neptune.net) wrote:
>
>: Does anyone out there have any opinion of the Azden AZ-61 6m handheld?
>: I have half an idea to get one...

I won't duplicate Mark's, KM6XU thoughtful append, but I agree with him down the line. I would add that what Azden apparently did was modify their 2m handheld for 6m use, but not completely :-(Thus, you find things like the standard repeater offset at 600Kz, which on 6m is totally worthless, and not changeable. Thus, you have to program in both the rx and tx frequencies into memory. Programming this thing took forever to learn, and I'm still not quite sure that I understand the parameters for entering frequencies because I can't verbally describe it (something like you have to enter the Mz first, save it, and then continue to the Kz..although I can do it so I must understand it at some level). Also, at 5W, this thing gets hot! According to Azden (I called), the belt clip is the heat sink. Go figure.

On the other hand, performance has been excellent. I have had excellent signal and audio reports with it. A few people couldn't believe I was on a handheld with a ducky (peculiarities of 6m propagation nothwithstanding). And as Mark suggested, it is built very well.

So, overall, I give it an A for performance, A for construction, C+ for features, F for ease of use. If you can overlook the ease of use problems, it's worth buying.

73 de John, AD4ZH

John Zimmatore <zimmatore@randomc.com>

7. Re: Icom service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: jaypvic@ix.netcom.com
Message-ID: <3vl7bi$i8@ixnews4.ix.netcom.com>
Source record: 214308

In <3vksrk$q4l@ixnews5.ix.netcom.com> "James A. Storm"
<jastorm@ix.netcom.com> writes:
>
>I recently sent an Icom W21AT HT for service. Most of the problems
were
>due to many hours of carrying it on my belt. A missing PTT button, TTP

>worn to where it couldn't be read and some buttons that no longer
>worked, screws missing, etc. They replaced the TTP, replaced the
missing
>screws, replaced the PTT button, and checked all other things like
power
>out, deviation, audio, etc. They were nice enough to send me an
estimate
>via email as I had requested, which expedited the repair and return of

>the radio. The total cost was less than the cost of a single battery
for
>the radio, of which I have two. Oh, and they cleaned the whole thing
>inside and out.
>
>I have to compliment Icom factory service. They did a nice job and I
now
>have a radio that looks and works like new.
>
> Jim WB6LWS in Pacifica, CA
>
>
>
>
****
>SOUNDS LIKE DAYS GONE BY. THE FIRST TIME I SENT SOMETHING IN FOR
>REPAIR TO ICOM I HAD ABOUT THE SAME TYPE OF SERVICE (THE FIRST 2
>TIMES) BUT THE LAST (I NEVER BOUGHT AN ICOM SINCE AND I USED TO SAY
>THAT I WOULD STICK WITH THEM BECAUSE OF THEIR SERVICE DEPT) WAS A
>VERY DIFFERENT STORY. THAT WAS ABOUT 2 OR 3 YEARS AGO AND IF THEY
>HAVE MENDED THERE WAYS, I WON'T GIVE ANY DETAILS. I WILL SAY I AM
>PLEASED TO SEE THAT THESE COMPANIES REALIZE THAT SERVICE IS ALSO AN
>INPORTANT PART OF A PRODUCT. GOOD TO HAVE THE OLD ICOM SERVICE BACK.
VICTOR N2NMN

8. *** Yaseu FT530 with 800mhz For Sale ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: mellerso@uga.cc.uga.edu
Message-ID: <mellerso.83.0029C3EC@uga.cc.uga.edu>
Source record: 214309

```
For Sale Yaseu FT530.

This is a one owner rig in excellent condition. It has been used very lightly
and kept in the soft case. It is in excellent cosmetic and electrical
condition. Included in the package is:
FT530
Rechargeable Battery and recharger
Yaseu softcase
Nicad Battery Case
Box and Manual

Price $350.00 (firm)+shipping

Reply via e-mail

Thanks
73 de KS4JU
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9. Re: Are there any mods for a rx HTX-202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: jaypvic@ix.netcom.com
Message-ID: <3vl7u2$mq@ixnews4.ix.netcom.com>
Source record: 214310

In <3vegqo$ao4@alpha.sky.net> rfisher@sky.net writes:
>
>morganp@fn1.freenet.edmonton.ab.ca () wrote:
>
>>Are there any mods that would be eassy to perform on the HTX-202 that

>>would allow me to receive out of band?
>
>NO!!! Anyone who tells you differently either does not know what he
>is talking about, or is trying to get you to destroy your HT. There
>are no mods for extending rx or tx ranges.
>
>73,
>
>Rodney, KB0SPZ
>
>
****

>GOOD ANSWER RODNEY,
>THAT IS TRUE. THERE WAS A LOT OF DESIGN EFFORT PUT INTO THE RADIO TO
>MAKE IT SO. THERE IS NO BETTER WAY TO SAY WHAT KB0SPZ SAID SO IF YOU
>NEED TO HAVE A RADIO WITH A LOT OF OUT BAND GET A DIFFERENT RIG. I
>ALMOST NEVER USE OUT OF BAND RX EXCEPT ONE FREQ. BEFORE YOU MOD A
>RADIO, MAKE SURE YOU REALY NEED IT.

VICTOR N2NMN

10. Re: Icom service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: pacpp@ix.netcom.com
Message-ID: <3vld3o$og0@ixnews2.ix.netcom.com>
Source record: 214311

snip
>I have to compliment Icom factory service. They did a nice job and I
now
>have a radio that looks and works like new.
>
> Jim WB6LWS in Pacifica,

I have to agree. I have sent three radios in for repair to ICOM and
have received excellent service/response time

11. Re: Best Antenna for HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: ecosens@iquest.net
Message-ID: <ecosens-0108950834420001@ts02-ind-24.iquest.net>
Source record: 214312

In article <3vjflv$lk6@butch.lmsc.lockheed.com>, glyle@io.seas.ucla.edu
(George Lyle (233789)) wrote:

> In article <3vjdbc$2v0@central.bbt.com>, jlm@bodie.bbt.com (James L.
McKiel) writes:
> |> I reciently bought a Kenwood TH-22AT HT. It works great unless I am
> |> on my deck in back of the house (I live in the country). Does anyone
> |> know what other antenna I can use to improve the output? I would like
> |> suggestions for aftermarket antennas for the HT (like telescoping) and
> |> ones that I could put on top of the house.
> |>
> |> Thanks,
> |>
> |> Jim
> |> KD4IHG
>
> For your house, before you spend a lot of $$$, try making a "floppy
quarter wave"
> out of a coax connector and copper wire. set it on top of a length of
PVC pipe and
> run the coax through the pipe. It works much better than the rubber
antenna and
> costs only a few bucks to make.
>
> If you need a bit more than that, the colinear base station antennas made by
> Lakeview company are hard to beat. The price is right too. ($22 or so).
>
> As far as telescoping antennas go, I tried a AEA "hot rod" antenna. It seemed
> to work better than the Icom rubber antenna, but when I hooked it to my SWR
> analyzer I couldn't get the meter to unpin (swr 3:1++) anywhere on the ham
> band. The Hotrod now resides in the junk drawer.
>
> 73 de George, N7TNJ

So are you using a telescoping antenna now? If so, what kind. I've been
so happy with the performance of my "Hot Rod" from AEA that I never even
thought to put it on my SWR meter. Since the performance was so good, I
assumed the SWR was sufficiently low. I now plan to check it out real
soon.

Regards,
Eric
KB9IZB
'73

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--
****************************************
* The opinions expressed in this note are *
* mine, not those of my employer. *
****************************************
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12. WTB AM-FM board for Yaesu FT-102

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: chideste@xvnews.unconfigured.domain
Message-ID: <3vld38$kii@igate2.cyanamid.com>
Source record: 214313

Subject says it all, I'm looking for an AM-FM board for a Yaesu FT-102. Anyone have one they'd like to give up?
73
Dale

Dale H. Chidester, PhD N3HAL "Against stupidity, even the
American Cyanamid Company Gods in vain doth contend."
Agricultural Products Research Divison Schiller
PO Box 400, Clarksville Rd. Phone: (609) 799-0400 x2430
Princeton, NJ 08543-0400 Email: chidesterd@pt.cyanamid.com

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13. **MOTOROLA RADIUS 50 QUES???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: blade@cts.com
Message-ID: <DCMvop.Mzy@crash.cts.com>
Source record: 214314

I am thinking about buying a set of three Mototrola Radius 50 radios, with charger base. How old
are these things, and what would be the ballpark market value for one??

Thanks

14. Re: M/C Helmet headset

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: George Guillory <guillory@phoenix.net>
Message-ID: <3vlchf$4e8@gryphon.phoenix.net>
Source record: 214315

rogersmith@iquest.net (Roger - N9PMC) wrote:
>I'm interested in designing/converting a mic/earphone system for my
>full-face motorcycle helmet. I've got an Alinco DJ-180 HT. I tried using
>Alinco's lapel/earplug VOX set-up but it proved too mic sensitive even on
>PTT and too earphone weak for anything above 30 mph.
>
>Anyone have any ideas ?!
>
>Any such m/c experience with those "Eartalk" mic/speaker set-ups ?

Yep! Sent it back and got my money back. (Which they did without
complaint I might add.)

The audio was way too low according to my friends and I had to
turn the radio way up to hear. This was at idle on a BMW K75T.
(I can't imagine what it would be like on a Harley!)

I am still looking though for a solution.

George Guillory, KC5HBT
guillory@phoenix.net

15. TS-850SAT vs IC-736

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: msl7k@virginia.edu
Message-ID: <DCn3It.DBt@murdoch.acc.Virginia.EDU>
Source record: 214316

If you have read any reviews on both the TS-850SAT and the IC-736 I would like to hear about them. I have talked to a few EME'er and found out that they like the TS-850SAT for moonbounce work. I will do more HF work than EME for the next few months since I am just starting to build a EME station. Please send your opinions on the two rigs. If you feel that another HF rig would be better, let me know this too.

Thanks for the help

16. 2m radio advice sought...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: ss6349@ux1.cso.uiuc.edu
Message-ID: <3vlp28$biq@vixen.cso.uiuc.edu>
Source record: 214317

Sorry if this has been covered before but I'm new to ham radio having only just received my tech+ license.

I'm interested in buying a 2m hand-held radio but I'm not real sure about what type of features I should look for and what brands are the best value. I absolutely can not afford radios with all the bells and whistles and am only interested in the low end in terms of price.

If you had $300 to spend on a 2m radio, which would you buy and why?

Thanks.

--
Steven H. Schimmrich KB9LCG s-schim.uiuc.edu
Department of Geology, University of Illinois at Urbana-Champaign
245 Natural History Building, Urbana, IL 61801 (217) 244-1246
http://hercules.geology.uiuc.edu/~schimmri/ Job 12:8

17. Re: FT-530 800 MHZ *REQUEST HELP ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug1.144652.22217@ke4zv.atl.ga.us>
Source record: 214318

In article <moyers.1.1F4EC6CE@cti-pet.com> moyers@cti-pet.com (Clif Moyers) writes:
>
>>The circuitry needed for 800 has been omitted from the radio as of the
>>production change.
>> Milt, K9QZI
>
>>>I modified mine too and got no 800 mHz reception. If anyone hears of what
>>>Yaesu did to accomplish this, I would be very interested in finding out.
>
>>> Chris KB2VCC
>
>We opened up two '530s, approx. 15 mos. different manuf. date. What we found
>was that the firmware version was different. It appears they changed the code
>to not allow certain freq. ranges; pretty easy in the code. Now the big
>question; ...change the PROM??? Do you feel lucky today??? Sounds like a
>business oppertunity!

No, the change wasn't to the firmware. Milt has the correct answer,
the RF hardware to do 800 MHz was left off the input interface board,
that's the little tiny board next to the BNC. The different numbers on the
digital bits just represent different vendor codes for the same parts.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

18. Re: would rg-58 be good enough for 2m?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug1.153809.22405@ke4zv.atl.ga.us>
Source record: 214319

In article <3vipe2$h0r@usenet.INS.CWRU.Edu> dd650@cleveland.Freenet.Edu (Drew Loker) writes:
>
>>>heating up the feedline. Receive will be affected, too. For a short run,
>>like in a mobile, we do it.
>
>
>I just ordered an mobil antenna with a Larson Trunk lip. It comes with 17'
>feet of RG58. I only need it to be about 4-5. Sould I cut off the excess?

Larsen offers their mounts with two different kinds of cable. One is
just high grade RG-58, and the other uses a cable that *looks* like
RG-58 but has much lower loss. The packaging indicates whether you
have the regular mount or the one with the special low loss cable
(the price reflects the different cables too!).

Anyway, regardless of which one you have, *if* you have the *correct*
connector for that cable, *and* you know how to install it properly,
then sure, cut the cable to length. If you install the connector poorly,
you can easily have more loss there than you'd save by shortening the
cable. We normally have to cut the connector off anyway to route the
cable properly, so shortening the cable is the normal thing to do.
There's nothing magic about the supplied length. I really don't know
why Larsen bothers to attach a connector we're going to cut off anyway.
Seems like they could just include a loose connector in the package
and let us install it ourselves after we have the cable routed.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

19. Re: Amateur (jerks)Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: terry@venus.sunquest.com
Message-ID: <3vlv1q$j8s@odin.sunquest.com>
Source record: 214320

First and foremost, there is no excuse for shabby treatment of a customer.
But I *can* forgive salespeople for ignoring a known browser and non-buyer.

But it's easy to see how a bad attitude can develop:

> As a class, hams are among the cheapest bunch I've seen.

I'll second that. It's amazing how many times the word "cheap" starts
or finishes a phrase in this group. It's not wrong to want to save
some money, but there are other considerations.

> Once he helps some hopeless moron "pick out a radio" for 45 minutes,
> the guy will hang up and shop for best price.

I have a friend who owns a retail store in a non-ham business. He used
to have a fairly liberal "try-before-you-buy" policy, but he discovered
that what was happening was that the morons would use the equipment for
a few days, return it, say thank you, and then go order it through a
mail-order outfit.

He used to carry related magazines, but the morons would come in and talk
to him for an hour about equipment, then go over to the magazine rack,
look up a mail-order ad, and say "I'll pay that price and no more."

Of course, they don't think they're morons; they think they're clever
shoppers - but then, being morons, they're hardly in a position to
define "clever".

Personally, I haven't bought *any* ham gear mail order. I support a
local retailer who gives me advice, gives me service, charges a fair
price, and keeps me happy. I don't mind buying mail order when I know
exactly what I want and don't need advice, but if you like the service
your local retailer provides, you'd better give him your business so
he'll still be there the next time you need help.

Terry R. Friedrichsen

terry@venus.sunquest.com (Internet)
uunet!sunquest!terry (Usenet)

20. Re: JRC JST-245 Reply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: Paul Lannuier <gilfer@haven.ios.com>
Message-ID: <3vm0s7$dk5@news.ios.com>
Source record: 214321

M740166%SLVMA.PRofs@mdcgwy.mdc.COM wrote:
>But when you buy an 'Orphan' rig like the JRC, don't
> expect to get must resale value on it.

Here's my opinion as a JRC (as well Kenwood,
Icom, Yaesu, etc.) dealer...

Without attempting to figure out what you mean when you say
"orpan rig," let me just add that the JRC receivers (NRD-515,
NRD-525 and NRD-535) are among the BEST in terms of holding
their value. The JST-245 should be no exception.

If you are suggesting that JRC may fold up and leave owners
hanging, consider that JRC has been in business since 1915.

Just my 2 cents worth... :-)

Best 73!
Paul Lannuier
President
Gilfer Shortwave

GILFER SHORTWAVE | Tech & NJ: (201) 391-7887
52 Park Avenue | Orders/Quotes: (800) GILFER-1
Park Ridge, NJ 07656 | Facsimile: (201) 391-7433
United States of America | Internet: gilfersw@aol.com
| http://www.pics.com/gilfer

Authorized Dealer for:
GRUNDIG SONY JAPAN RADIO CO KENWOOD ICOM YAESU
LOWE RF SYSTEMS JPS COMMUNICATIONS WATKINS-JOHNSON
...and exclusive distributor for
TRS CONSULTANTS SWBC ENGLISH LANGUAGE SCHEDULES SOFTWARE
---

21. GE MASTR II Repeater (help CG Tone board

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: MKWS78A@prodigy.com
Message-ID: <3vm13n$2fp4@usenetp1.news.prodigy.com>
Source record: 214322

I could use some help converting a GE mastrII into a repeater.

I need help in the channel guard tone board.
mine is a encode and decode board. has a # PL19D4172G1G1 REV D
on the metal cover over the versatone element. The decoder #
is 19D416730GI and encode is 19D416740G2

I need the mod that keeps the RX decoder from being disabled
when the radio goes into transmit.

I saw one that said cut the top lead of CR1009 which is supposed to
be mounted vertically on the deck. I couldn't find it.

Another mod says cut two circuit runs at j908 pin 8
delay PTT on the receiver CTCSS board. I can not find two circuit
runs on my channel guard board there.

Any help appreciated, Bill

22. Re: **MOTOROLA RADIUS 50 QUES???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: ltanner@indirect.com
Message-ID: <ltanner.17.00DE8228@indirect.com>
Source record: 214323

In article <DCMvop.Mzy@crash.cts.com> blade@cts.com (robert Sweeton) writes:
>From: blade@cts.com (robert Sweeton)
>Subject: **MOTOROLA RADIUS 50 QUES???
>Date: Tue, 1 Aug 1995 10:21:43 GMT
>Keywords: MOTOROLA

> I am thinking about buying a set of three Mototrola Radius 50 radios, with charger base. How old
>are these things, and what would be the ballpark market value for one??

>Thanks

If you're talking about a Motorola Radius P50, then yes, they are rather old. They have been replaced by the SP50. The P50 is a two channel version of a P10 (both radios are crystal controlled). Around here, a used P10 goes for about $75, so I would guess that a P50 goes for about $100 - $125 used. There are fairly reliable radios and can take a bit of abuse. I would suggest that you get them with PL or DPL tone boards, they seem to get more sensetive to inteference the older they get.

Lyle Tanner (KC7IPY)
ltanner@indirect.com
http://www.disaster.net/icp/

23. RE: BEST ANTENNA FOR HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: goodwin@Primenet.Com
Message-ID: <3vm5bd$csr@nnrp1.primenet.com>
Source record: 214324

In a message dated 07-31-95, glyle@io.seas.ucla.edu said to All:

glyle>As far as telescoping antennas go, I tried a AEA "hot rod" antenna. It
glyle>seemed to work better than the Icom rubber antenna, but when I hooked it
glyle>to my SWR analyzer I couldn't get the meter to unpin (swr 3:1++) anywhere
glyle>on the ham band. The Hotrod now resides in the junk drawer.

George, I'd say you own a broken Hotrod! Mine shows a 1.2:1 SWR right in
middle of two meters. It's a great portable antenna, I wouldn't own a
2M HT without one.

```
*************************************************************************
* Larry Goodwin KC6WOG * reply to... INTERNET: goodwin@primenet.com *
* 73 es gud DX * AX25 PACKET: kc6wog@wb6wfh#soca.ca.usa *
* --... ...-- * Better Living Through Sound Effect Editing *
*************************************************************************
```

 MR/2 2.03 NR QSL on the sex-change, Joe; do you still have ur Icom?

24. Tek 453 manual wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: randolph@est.enet.dec.com
Message-ID: <3vm5ao$4e0@mrnews.mro.dec.com>
Source record: 214325
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Wanted: service manual for Tektronix 453 oscilloscope (older model portable,
dual-trace, 50 MHz, part solid-state, part "Nuvistor").
Will pay any reasonable copying and mailing costs.

-Tom Randolph N1OOQ randolph@est.enet.dec.com
or, if you're in New England: (508) 756 4520 and leave a message...

25. Re: M/C Helmet headset

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: glyle@io.seas.ucla.edu
Message-ID: <3vm5s0$9o9@butch.lmsc.lockheed.com>
Source record: 214326

In article <DCLyMq.B6n@iquest.net>, rogersmith@iquest.net (Roger - N9PMC) writes:
|> I'm interested in designing/converting a mic/earphone system for my
|> full-face motorcycle helmet. I've got an Alinco DJ-180 HT. I tried using
|> Alinco's lapel/earplug VOX set-up but it proved too mic sensitive even on
|> PTT and too earphone weak for anything above 30 mph.

I use a standard Icom mini speaker mike inside the chin bar of my helmet.
A "flat" PC style speaker easily fits in the ear recess and plugs into the
bottom of the mic with a short wire.
I use an inline PTT switch between the speaker mic wire and the radio
(a W2A).

I had intended to disassemble the speaker mic and install the parts in my
helmet, but it works so well as it is that I never did it!

I have built helmet setups for CB radios on Goldwings using the standard
parts from the mics that came from the radio. Other than having to put
a 100pF cap across the mic to shunt RF they go together very nicely, A
good helmet setup is well worth the effort.

|>
|> Anyone have any ideas ?!
|>
|> Any such m/c experience with those "Eartalk" mic/speaker set-ups ?

I'd be interested in these too!

|>
|> Thanks & 73's .... Roger N9PMC

George, N7TNJ

26. Re: Best Antenna for HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: glyle@io.seas.ucla.edu
Message-ID: <3vm63i$9o9@butch.lmsc.lockheed.com>
Source record: 214327

In article <ecosens-0108950834420001@ts02-ind-24.iquest.net>, ecosens@iquest.net (Eric D. Cosens) writes:
|> In article <3vjflv$lk6@butch.lmsc.lockheed.com>, glyle@io.seas.ucla.edu
|> (George Lyle (233789)) wrote:
|>
|> > In article <3vjdbc$2v0@central.bbt.com>, jlm@bodie.bbt.com (James L.
|> McKiel) writes:
|> > |> I reciently bought a Kenwood TH-22AT HT. It works great unless I am
|> > |> on my deck in back of the house (I live in the country). Does anyone
|> > |> know what other antenna I can use to improve the output? I would like
|> > |> suggestions for aftermarket antennas for the HT (like telescoping) and
|> > |> ones that I could put on top of the house.
|> > |>
|> > |> Thanks,
|> > |>
|> > |> Jim
|> > |> KD4IHG
|> >
|> > For your house, before you spend a lot of $$$, try making a "floppy
|> quarter wave"
|> > out of a coax connector and copper wire. set it on top of a length of
|> PVC pipe and
|> > run the coax through the pipe. It works much better than the rubber
|> antenna and
|> > costs only a few bucks to make.
|> >
|> > If you need a bit more than that, the colinear base station antennas made by
|> > Lakeview company are hard to beat. The price is right too. ($22 or so).
|> >
|> > As far as telescoping antennas go, I tried a AEA "hot rod" antenna. It seemed
|> > to work better than the Icom rubber antenna, but when I hooked it to my SWR
|> > analyzer I couldn't get the meter to unpin (swr 3:1++) anywhere on the ham
|> > band. The Hotrod now resides in the junk drawer.
|> >
|> > 73 de George, N7TNJ
|>
|> So are you using a telescoping antenna now? If so, what kind. I've been
|> so happy with the performance of my "Hot Rod" from AEA that I never even
|> thought to put it on my SWR meter. Since the performance was so good, I
|> *assumed* the SWR was sufficiently low. I now plan to check it out real
|> soon.

No, I now use a "long rubber" antenna as offered by Comet.

I may be overreacting on the SWR issue as HTs are very tolerant of mismatches. Since there is no feed line involved, most of the RF finds its way out regardless of the match. The rubber antennas that come with the HTs are't too well matched in many cases!

Also beware of overstressing the BNC connector on the HT!

George, N7TNJ|>

27. Re: would rg-58 be good enough for 2m?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: rossi@VFL.Paramax.COM
Message-ID: <1995Aug1.213906.13133@VFL.Paramax.COM>
Source record: 214328

In article <1995Aug1.153809.22405@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <3vipe2$h0r@usenet.INS.CWRU.Edu> dd650@cleveland.Freenet.Edu (Drew Loker) writes:
>>
>>>>heating up the feedline. Receive will be affected, too. For a short run,
>>>like in a mobile, we do it.
>>
>>
>>I just ordered an mobil antenna with a Larson Trunk lip. It comes with 17'
>>feet of RG58. I only need it to be about 4-5. Should I cut off the excess?
>
>Larsen offers their mounts with two different kinds of cable. One is
>just high grade RG-58, and the other uses a cable that *looks* like
>RG-58 but has much lower loss. The packaging indicates whether you
>have the regular mount or the one with the special low loss cable
>(the price reflects the different cables too!).

The Larson mount I bought last year also came in a "flavor" that had *no* cable attached... and I added my own super low-loss cable. Picked up a measured 1.5 dB on 440 over the same mount with the standard RG-58 they supply.

BTW, it's one thing to cut off the excess cable but don't cut it *too* short. Measure what you need then give yourself a extra foot or two or three. ... you never know when you might need it..

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)
Valley Forge Engineering Center - Paoli, Pennsylvania

28. Mods for FT 757 GX II?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: vk3jma@ozemail.COM.AU
Message-ID: <199508012212.IAA19672@oznet02.ozemail.com.au>
Source record: 214329

Hello,

I would be interesting in hearing about any mods for the Yaesu FT 757 GX II
HF transceiver!

Thanks

Mark

Mark Aitken Amateur Radio Operator VK3JMA
AX25net : vk3jma @ vk3ksd.#mel.vic.aus.oc
Fidonet : Mark Aitken @ 3:635/502
Internet: vk3jma@ozemail.com.au

29. Re: Ten-Tec Paragon or Paragon2

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: fgilmore@woodtech.com
Message-ID: <3vlios$gq9@news.woodtech.com>
Source record: 214330

kflash@ix.netcom.com (M) wrote:

>I am considering buying a Ten-Tec radio. My choices are down to the
>Paragon and the Paragon2. There is a big cost difference between the
>two. I can find the paragon for about 1400.00 (used) and the paragon2
>is 2385 new. I was wondering if there was an appreciable difference
>between these two rigs that would make it worth it to spend the extra
>money? I operate some cw but mostly ssb. If anybody owns a paragon your
>impression would be appreciated. I can assume it is good gear because
>of the lack of availability of it on the used market. The reason I want
>either the paragon or the paragon2 is because of the general coverage
>receive, otherwise I would get the OMNI VI. Any comments are
>appreciated. I am considering MARS operation and would like to know if
>these rigs are MARS capable. Thanks

For serious DXing the Paragon II has it all over the original Paragon.
For casual hamming with a good measure of SWLing the original will
work fine.

The II has superior cross mod figures, sharper filters, faster
switching for Pactor and Gtor, and quite a few other advances.

I have used both and the II is on my list of items to acquire in the
not too distant future! Am really impressed with it. I have a shack
full of Kenwoods and classic Collins and Drake gear (am a collector)
and the Paragon II would take top honors in all catagories. Even
beating out my R8A.

73,

Frank K0JPJ ex-W5PVX ...-.-

30. Controller Info???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: Dave Johnson <djohnson@gray>
Message-ID: <Pine.SUN.3.91.950801164853.15106C-100000@gray>
Source record: 214331

Where can I find a listing of manufacturers/phone numbers of repeater controllers? I poked around the oakland FTP site for a while but didn't turn up much. If you have a personal favorite let me know about it via email.

Thanks.

```
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_/_/ _/_/
_/_/ 73, de Dave (Johnson) - KB5YIW in Socorro, New Mexico _/_/
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_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
```

31. Re: Modulation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <3vlkr6$2u6@gaudi.lahabra.chevron.com>
Source record: 214332

alik@sw.ru (Oleg V. Melnikov) wrote:
>What type of emission (modulation) means ?
>For example 16K0F3E ?

F3E is analog FM

The 16K0 in front of it is the way the FCC designates the neccesary bandwidth of a licensed channel (I beleive this is IAW with ITU standards). 16K0F3E is an FM channel, 16 KHz wide. If (for some reason) the channel was licensed for 16.5 KHz it would read 16K5F3E. Most of our PLMR channels are 16K0F3E or 20K0F3E. Our aviation channels are 6K0A3E or AM with 6KHz bandwidth. Some our HF channels are 2K80J3E or 2.8 KHz SSB.

The "K" replaces the decimal point to designate bandwidth and indcates KHz. Hz would be shown with an "H". Mhz would be shown with an "M". GHz would be a "G".

--
Curtis Wheeler - Pleasanton, CA

32. Need mods for Kenwood 742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: mcb07@aol.com
Message-ID: <3vmg9c$rhe@newsbf02.news.aol.com>
Source record: 214333

need mods for Kenwood 742a, please

thanks, R S

33. DTMF ? What are the freqs' of the tones

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: reidj@warren1c.its.rpi.edu
Message-ID: <3vlion$hk@usenet.rpi.edu>
Source record: 214334

Can anyone tell me the freq of each tone generated by a DTMF pad? Thanks

Jim REid
Keywords:

34. Re: ICOM 706 HF/VHF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: wm8s@main.citynet.net
Message-ID: <3vm7gt$iu7@news.citynet.net>
Source record: 214335

> bobw@col.hp.com (Bob Witte) writes:
> FWIW.
> HRO in Denver said that ICOM has slipped the delivery date on
> the IC-706 from August to September. Rumor level stuff..
> Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

AES just told me *end* of September (I guess that means October in English).
I think it's all just a netPrank ;>

Rob Bailey, WM8S (wm8s@main.citynet.net) Kanawha / Charleston
Bailey Computer Systems Radio Amateur Civil Emergency Service

35. Cost for a "personal" home repeater ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <3vmkun$t8a@newsbf02.news.aol.com>
Source record: 214336

What would it cost to set up a repeater that only my wife and I would use
? Can you use a high output HT(or cheap mobile unit) as the repeater ?
What else would I need ? How much would it all cost ?
Thanks !

36. WTB: Collins KWM-2A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: rafeek@netcom.com
Message-ID: <rafeekDCnKC2.IyI@netcom.com>
Source record: 214337

Hello,

I am looking for a good/working condition Collins KWM-2A Trx for
personal use.

If you have one or if you know somebody who has one for sale, please
e-mail me or call me at (708)952-5235 (9am-5pm) or
(708)590-0708(5pm-9am)

Thank you.

73

de
Rafeek Kottai KB7DBJ
rafeek@netcom.com

37. Whats a good beginner HF radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: hmm@netcom.com
Message-ID: <hmm-0108951847270001@192.0.2.1>
Source record: 214338

I am interested in getting an HF radio.
I have my tech plus and am working on my general.

My biggest issue is MONEY.

I have seen an HF radio advertised for $549 that puts out 50 watts, and
has modules for 30 bucks a piece for the different bands.
This isnt bad.

Other than that, the cheapest ive seen is around 800 bucks for an
160-10 radio.

I dont really like the idea of buying used because alot of times you dont
know what your getting.

There are kits through ramsey, and a couple other companies (MFJ?) that
are low power, and only a single band, but I dont know if these are any
good.

Does anyone have any suggestions?

Any replies are greatly appriciated!

Thanks!

--
| Scott Szretter email:hmm@netcom.com |
| N1VAN ftp: ftp.netcom.com /pub/hm/hmm |
| www: ftp://ftp.netcom.com/pub/hm/hmm/www/homepage.html |

38. TenTec Email address??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: ko7v@ix.netcom.com
Message-ID: <3vm8h6$nl3@ixnews3.ix.netcom.com>
Source record: 214339

Does anyone know if TenTec has an Email address or web page? 73,

Mike Cizek KO7V

39. Mods for HTX-100?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: vk3jma@ozemail.COM.AU
Message-ID: <199508012212.IAA19629@oznet02.ozemail.com.au>
Source record: 214340

Hello,

I have a HTX-100. I wonder if there are any mods for this radio?

EG, low power out for transverter operation?
Extended memories?
Memory auto scan?
etc?

Thanks

Mark

Mark Aitken Amateur Radio Operator VK3JMA
AX25net : vk3jma @ vk3ksd.#mel.vic.aus.oc
Fidonet : Mark Aitken @ 3:635/502
Internet: vk3jma@ozemail.com.au

40. Re: Standard C508A Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: Ed Juge <ed@cis.compuserve.com>
Message-ID: <3vma06$srm@dub-news-svc-6.compuserve.com>
Source record: 214341

childers@garlic.com (Bill Childers) wrote:
>Has anyone seen or performed any mods on the Standard C508A Mini HT?
>It's a real slick little dual bander, & I'd love to expand it... but I'm
>afraid of messing it up.
>Thanx,
>Bill Childers
>KE6VVW

There is a mod to open the transmit frequency, Bill. You must remove a tiny component the size of
half the head of a pin. I modified mine because as it comes it excludes a portion of the 70cm amateur band.

Rumor has it there may be a receive mod, too, but I haven't heard anything about it. and haven't
looked since I own a scanner that is 100 times better than the best HT on non-ham freequencies. I
just don't care much about listening there.

Be advised... the stock antenna works very well inside the ham bands. Even an excursion to tthe
162.55 WX frequency leaves it sadly lacking. The local WWX station is barely audible with my 508,
yet with another antenna... full scale.

Ed

41. Re: HTX-202 and Customer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <3vmous$2e0@yrkpa.kias.com>
Source record: 214342

Clint Bradford (clint.bradford@woodybbs.com) wrote:
: Subject: Re: HTX-202 and Customer Service

: >>The extended warrenty (sic) has to be the biggest ripoff...

: Tell us, please, how an extended service policy for an HT at 12-15 bucks
: a year is a "ripoff." Consider parts AND labor AND shipping are included
: in this package.

: Clint Bradford
. . . . . .
I my area, there are dozens of 202s on the air. Their track record is
great. Mine have worked great from the day I got 'em home.

By the way, has anyone called TenTec, Yaesu, Kenwood, Icom, etc
and offered them $35 for a five year unconditional guarantee lately.
If you think the Shack puts out a bad transceiver, you should
talk to the vast majority, and not a Shack Basher who had a friend
who knew someone who had a problem once.

Shack Bashing is getting BORING........ john k3nxu

42. YAESU FT-900AT - Want Opinions, please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: Ed Juge <ed@cis.compuserve.com>
Message-ID: <3vma5c$srm@dub-news-svc-6.compuserve.com>
Source record: 214343

I'm toying with changing my mobile rig out for ann FT-900/AT. I like the size and like the performance of Yaesu's HF radios. I have an FT-1000D at home.

However, I have only found one other ham who uses onee. He raved. I would like to hear from others. I will be replacing a K'wood TS-450S... good radio, but kind'a large for a Ford Explorer.

Thanks... Ed Juge, W5TOO

43. Re: **MOTOROLA RADIUS 50 QUES???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: crobbinsnc@aol.com
Message-ID: <3vmit1$sia@newsbf02.news.aol.com>
Source record: 214344

Robert,

Check the Model numbe ron them... If it's something like H44 or H43 it
it Hi-pwr. If its a H34 or H33 it's low pwr. The other man is right,
around $100 or so without tone boards on the P-50's. The SP_50's a NEW
and bring pretty good money.

CARL
And I thought it was just ME having hard times!!!!!!!!!!!!!!!!!!

CARL

44. FT51r USER'S REPORT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <3vmjei$snn@newsbf02.news.aol.com>
Source record: 214345

I was thinking of buying the Yaesu ft530 but now am taking a hard look at this new ft51. Anyone have any comments on the rig, ease of use (how about those volume/squelch "buttons??), intermod suseptibility, etc? All advice/feedback is welcome. Looks like a pretty neat radio.
73's Mike KS4DA (Green Cove SPrings, FL)

45. Re: Icom 706 Price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: mel@interlink.net
Message-ID: <mel.18.00178250@interlink.net>
Source record: 214346

In article <3tboao$isn@over.mhv.net> Thomas.Randall@bbs.mhv.net (Thomas Randall) writes:
>From: Thomas.Randall@bbs.mhv.net (Thomas Randall)
>Subject: Icom 706 Price?
>Date: 4 Jul 1995 15:56:08 GMT

>
> Saw an ad for the new Icom 706 rig. Anyone know what it's going for in
>price? Seems like a nice rig! HF, 6 meters and 2 meters I believe. All
>mode too.

As of abt a week ago, no one had any pricing info. (I'd like one too)

Mel, VE2DC

46. Re: ICOM 706 HF/VHF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <9508011436135559@saloon.bcbbs.net>
Source record: 214347

H>so I've got a question. are people looking forward to the ICOM 706 to use
H>more as a mobile or base station unit?

I think it's the only way I could get 2 meter and HF in my Toyota. No
room for 2 radios, unless I do some serious remodeling of the dash. I
don't want to do that because I want to be able to take it out and stick
in on the four wheeler :)

Any idea on the cost of this rig, or what Kenwood is going to come up
with to compete?
---

47. FS: Ham Radio gear!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: dholwell@hornblower.coop.mun.ca
Message-ID: <dholwell.182.001633A2@hornblower.coop.mun.ca>
Source record: 214348

In article <dholwell.181.00161871@hornblower.coop.mun.ca> dholwell@hornblower.coop.mun.ca (Darin Holwell) writes:
>From: dholwell@hornblower.coop.mun.ca (Darin Holwell)
>Subject: FS: Ham Radio gear!
>Date: Tue, 1 Aug 1995 22:05:34

Best deal on the net.

Have a packet station for sale. includes:

Kantronics KPC3 tnc like new with boxes and manuals
Marconi DT93 dedicated 30watt xcvr xtal'd to 145.010
Digital vt420 terminal and keyboard.

Complet package 150.00 FIRM

This wont last long at this price so call early
709-753-1914 Home
709-738-1600 Work

All The Best
Darin Holwell

48. Re: TenTec Scout 555 --> Info/Opinions wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: zclobes@databank.com
Message-ID: <3vlpcv$fc6@news1.databank.com>
Source record: 214349

In article <jeff.11.00147E69@vaxxine.com>, jeff@vaxxine.com says...
>
>
>I am hoping that there are some amateurs out there that have some
experience
>with the Ten Tec Scout 555 Radio. I am a new ham, and a college
student, so I
>do not have a great deal of money to spend on an HF rig. The
advertisements
>for the Scout seem impressive, but any operating experience with the
Scout of
>opinions of Ten Tec in general would be appreciated.
>
>Tnx in advance.
> Jeff
>
>==============================
>L. Jeffrey Hetherington, VA3JFF
>Niagara Falls, Ontario, Canada
>Email - jeff@vaxxine.com
>
I am a high school student and know where you are coming from on the
money. I would suggest going with say one of Kenwoods older models. I
got a TS-430S for $425 and a friend of mine found on with factory power
supply for $400. It has all bands, 100 watts, and I resently took mine
on vacation to colorado and had no problems taking it mobile..
Just something to think about.
Zack, AA0XQ

49. Re: would rg-58 be good enough for 2m?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: zclobes@databank.com
Message-ID: <3vlpon$fc6@news1.databank.com>
Source record: 214350

```
In article <9507292001281392@wem.org>, morganp@wem.org says...
>
>Path:
holonet!colossus.holonet.net!news.sprintlink.net!howland.reston.ans.
>
net!gatech!news.uoregon.edu!news.bc.net!rover.ucs.ualberta.ca!news.sas.
> ab.ca!fn1.freenet.edmonton.ab.ca!morganp
>From: morganp@fn1.freenet.edmonton.ab.ca ()
>Newsgroups: rec.radio.amateur.equipment
>Subject: would rg-58 be good enough for 2m?
>Date: 29 Jul 1995 22:37:32 GMT
>Organization: Edmonton Freenet, Edmonton, Alberta, Canada
>Message-ID: <3ved7c$cmq@news.sas.ab.ca>
>
>Is rg-58 good enough for a 2m feedline? If it isn't what shhould I use?
>
>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct
in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo-------------------------------------------------------
---
>--
rg-58 will work on 2m, however, in most cases it would be wise to get
better coax.. I use some rg-58 to make short connections and for portable
antennas. I even have some on a 5 element beam on my roof however there
is only about a 25 foot run of it. I was reading last night and it seems
like rg-58 is approx 5db loss per 100 feet.. In other words.. if you put
100 watts into a 100 foot run, you'd be getting something around 30 watts
out at the other end.. For short runs, 58 is fine but you should
seriously consider some RG-213 or 9913 for runs over 20-30 feet.
Zack, AA0XQ
```

50. Re: Best Antenna for HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: zclobes@databank.com
Message-ID: <3vlq57$fc6@news1.databank.com>
Source record: 214351

In article <3vjdbc$2v0@central.bbt.com>, jlm@bodie.bbt.com says...
>
>I reciently bought a Kenwood TH-22AT HT. It works great unless I am
>on my deck in back of the house (I live in the country). Does anyone
>know what other antenna I can use to improve the output? I would like
>suggestions for aftermarket antennas for the HT (like telescoping) and
>ones that I could put on top of the house.
>
>Thanks,
>
>Jim
>KD4IHG
I have several antennas I have for my DJ-G1T. It is a mono band HT on
2m. I have the factory rubber attenuator that I seldom you except for
short simplex jumps. I also have a flexable 1/4 wave antenna.. it
preforms much better than the default but for the repeater use (all of
the repeaters are quite a ways away from me) I have an AEA Hot Rod
antenna... I think I payed about $20 or $25 for mine from a mail order
source...It is a telescoping 1/2 wave when extended and claims to be
equivilant to a rubber ducky in the collapsed postition. One time I had
stuck the HT in my pocket with the Hot Rod on and got it snagged on the
door of the van. It broke a plastic piece on the inside of the antenna.
We tried fixing with included tearing off some heat shrink and pulling
everything apart. After discovering that we couldn't fix it, I called
AEA. They told me to put it in a bag and send it to them. I did and
they sent me a brand new antenna within a couple of weeks.
Zack, AA0XQ

51. ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <793715592501@humnet.humberc.on.ca>
Source record: 214352

>
> In article <3vhtrk$ebb@ixnews2.ix.netcom.com>,
> wd6dih@ix.netcom.com (Kevin Karamanos) wrote:
> >Calls to Advanced Computer Controls last week confirm that ACC is no
> >longer making Amateur Repeater Controllers. But, some limited numbers
> >of parts will still be available.
> >
> >It's sad to see them go away, since they make the best Repeater
> >Controllers.
> >
> >73's Kevin
>
> Hoo, boy is that flame-bait. I won't get too upset, but suffice it
> to say I am glad to see the well-deserved end to the ACC controller.
>
> Now, maybe some of these smaller companies making controllers will
> get the respect they deserve.
>
>
> Owen Adair WD4FSU email: Owen.Adair@turner.com

I'd like to hear your negative comments re: ACC controllers.
I've used a couple of them and had no problems at all.

Hugh Duff VA3TO Toronto

 NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
Visit our Website at http://humnet.humberc.on.ca/

52. Re: Amateur (jerks) Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: jbaltz@watsun.cc.columbia.edu
Message-ID: <3vldok$b2i@apakabar.cc.columbia.edu>
Source record: 214439
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

For what it's worth, I ordered some items from AES Milwaukee last Friday (they haven't yet arrived, but that's probably because UPS hasn't arrived at my building yet) and spoke for a bit with the gentleman on the other side of the phone. He said that:

a) There are AES employees watching this discussion
b) There have been memos sent out *and*
c) He personally was watching himself carefully. I don't remember his name; he was very polite.

The upshot being: at least AES knows about the problem, and is going to make at least a token effort to fix it.

I know that HRO employees are on the net. Has anyone called up HRO to order anything recently and asked them about it?

I also know that Radio City is on the net, but I haven't seen many complaints about them.

//jbaltz
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@columbia.edu jbaltz@sci.ccny.cuny.edu KE3ML (HEPNET) NEVIS::jbaltz

53. Re: Any experience w/ ear-mikes? (Standard C508A)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: childers@garlic.com
Message-ID: <3vmcl3$1322@garlic.com>
Source record: 214440

In article <dddavis.4.003C4E6E@mindspring.com>,
dddavis@mindspring.com (Don Davis) wrote:
>Does anyone have experience with the in-ear speker/microphone combinations. I
>saw that Standard lists one for their C508A HT. I would be most interested in
>a unit to work with Yaesu HT's (FT-530, FT-11, FT-51). Any advice or
>observations appreciated. Don (KE4KYO)

I have a Standard C508A... The Ear-Mike works good. Decent sound quality, and
I haven't had a complaint from anyone receiving my transmissions... I just
wish that it had a VOX circuit... (It's just got a PTT button on the mike
cord.)
Bill Childers
KE6VVW

P.S. Anyone modded their Standard? I have the mod from oak.oakland.edu but
it has no pictures & I don't know where the resistor to remove is located.

54. For Sale: FT-530 Package

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: "David Fruehwald"@cais.com
Message-ID: <3vk1v0$ccc@news.cais.com>
Source record: 214441

```
FT-530 Handheld with the following original equipment
- FNB-25 7.2v 600mAh
- YHA-28 Dual Band Antenna
- NC-28B Battery Charger (Wall Transformer)
- Instruction Manual

EDC-5B Cigarette Lighter Adapter

Asking $350.00, please send responses via E-Mail to davidf@cais.com
```

55. ### Communications in moutains?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: 93102208@comet.np.ac.sg
Message-ID: <3vjvca$avg@comet.np.ac.sg>
Source record: 214442
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

Just the other day when i was out, a guy who was into rock climbing was asking me to suggest the kind of communications gear they could carry whislt mountain climbing.

He was interested in 2 types:

a) Handhelds which would allow him to communicate with the rest of the group (of which, they could be on the 'other side' of the mountain, or the other side of a hill/ridge/etc) - and he was worried that 2m or 70cm will not have a 'line of sight'. Is this a valid worry? What are his alternatives?
b) HF communications. For DX work. I presume they'd like to make contacts when they reach the top. Would be a fun thing to do. They'd have the advantage of height. What kind of transceiver would one recommend them to carry along (QRP?), they'd also like suggestions for antennas. I guess a keyword here would be lightweight, and easily errected.
(Also, perhaps the same setup could be used whilst climbing - perhaps to establish a regular contact, or to let others know their location, and maybe summon help if required...)

They are -not- licenced amateurs yet, and would like to know if they could use amateur bands for thier purporse if they got licenced. (I told them yes, since they were climbing for fun, and not a business, and they don't make money out of it (then i gave them the idea for working dx)). I just want to double check I didn't give them any wrong info.

Of course, I understand they'd have to apply for a recipocal licence in the country they are climbing before they can use their rigs.

I guess I'm just asking, what would one recommend for communications in 'mountain' terrain? Preferably lightweight, and can be errected/dismantled without too much hassle, and if possible, quickly.

Thanks for all followups.

Edwin, 9V1ZY.

56. Alinco Handhelds

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: chris <chris@enter.net>
Message-ID: <3vk9ae$7lg@dns.enter.net>
Source record: 214443

I really don't want to pay the price for a new Alinco. I really
like their products. Does anyone have an Alinco DJ-580T for sale at
a decent price? I have an RS HTX-202 that I will use for packet but
like to own an Alinco for a walk around.

I am also considering to switching to a Kenwood TH-78A. Does anyone have
a good deal for me?
Thanks and 73's,

Chris

57. Drake TR-6 AM Filter?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: jds@neptune.net
Message-ID: <3vkar7$sgo@neptune.neptune.net>
Source record: 214444

After a cleanup and inspection, I put my recently-acquired Drake TR-6 on the air yesterday morning on a local 6m AM net. Had a great time!

But, after walking the VFO back and forth trying to tune in each station in USB mode, I was thinking that maybe life would be easier with a proper AM filter installed.

The TR-6 manual says that the USB filter is 2.4KHz bandwidth, while the AM filter is 6KHz BW. Seems like that might help my tuning around a little...

I have since learned of an apparent 'trick' with the TR-6, of installing a 270 ohm resistor in the filter slot. I will try that next time I can check in to the net.

Otherwise, I can only hope there is a homeless filter out there somewhere. Or, any pointer on constructing or adapting a filter appropriate to the radio (would prefer no op amps, but if I must...;-) would be gratefully accepted!

In the meantime, I'll be perusing old Handbooks for AM filter designs. And, I'll be checking into the USB net tomorrow night!-)

Thanks for reading.

jeff stai, ke6knf
jds@advradio.com

58. Re: Off name batteries...W&W Associates??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: mrw13@namaste.cc.columbia.edu
Message-ID: <3vkb0j$ci4@apakabar.cc.columbia.edu>
Source record: 214445

W & W Associates
800 South Broadway
Hicksville, NY 11801-5017
Tel: 800-221-0732 or 516-942-0011
Fax: 516-942-1944

I've also bought batteries from them in the past and been satisfied. Had no problems getting my money back when I ordered the wrong model once.

59. Re: FT-530 intermod V/Uhf

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: RE Albert <realbert@nauticom.net>
Message-ID: <DCM74p.60M@pgh.nauticom.net>
Source record: 214446

I have had a similar experience with the intermod that you mention with my FT-530. I have fashioned a ground plane for a rare earth mag mount 2M antenna that works great. However, the intermod is so severe, in some locations the rubber duck works 100% better.

Have you tried any band pass filters on the radio.

Thanks for the tip. I will expplore the V/Uhf problem

73 de N3VGN

60. Re: help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: RE Albert <realbert@nauticom.net>
Message-ID: <DCM7BG.vw@pgh.nauticom.net>
Source record: 214447

The first place I would try would be Radio Shack. They have some very good learning kits. You can also call Ramsey Electronic Hobby & Amateur Radio Kits at 1-800-446-2295 (1-800-4HOBBY KITS).

Good Luck.

P.S. Next time a slightly more descriptive Subject header may help you in the future.

73 de N3VGN

Hi everyone,

I really need some help on this one: my son's summer project is to assamble a
simple radio (I guess it can be very simple one), but I don't know where to
find the blue print for this radio. Can anyone give me some clues to start
this project please?

Ning
---

61. M/C Helmet headset

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: rogersmith@iquest.net
Message-ID: <DCLyMq.B6n@iquest.net>
Source record: 214448

I'm interested in designing/converting a mic/earphone system for my
full-face motorcycle helmet. I've got an Alinco DJ-180 HT. I tried using
Alinco's lapel/earplug VOX set-up but it proved too mic sensitive even on
PTT and too earphone weak for anything above 30 mph.

Anyone have any ideas ?!

Any such m/c experience with those "Eartalk" mic/speaker set-ups ?

Thanks & 73's ..... Roger N9PMC

62. Re: What resistor to use as a dummy load with QRP rig?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: km6xu@wco.com
Message-ID: <3vkl9b$lhr@news.wco.com>
Source record: 214449

George Guillory (guillory@phoenix.net) wrote:

: Isn't the traditional dummy load for a QRP rig a nice big light bulb?

A light bulb is never 50 ohms, and it will definitely radiate.
A half century ago, my grandma's cousin Bill worked Florida
from California using such an antenna.

Cheers -- Mark
--
***** Mark Walsh ***** km6xu@wco.com ***** km6xu@kc6pjw ***** L10861 *****

63. Re: Amateur (jerks)Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: KJPK74E@prodigy.com
Message-ID: <3vkn7r$2i42@usenetp1.news.prodigy.com>
Source record: 214450

If you are ever in the southeast and want a good experience, HRO in Atlanta has always been a pleasant experience for me. I have done the mail order thing a few times and have lived to regret it. God forbid you ever have to return anything.

The folks at HRO Atlanta are all helpful and very nice. I have only encountered one person that I did not like, and it was not due to his lack of assisting me...

Ask for Phil... I always ask for him now. Great bunch of people there!

64. Re: Amateur (jerks)Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-01 00:00:00 UTC
From: KJPK74E@prodigy.com
Message-ID: <3vknk2$10m6@usenetp1.news.prodigy.com>
Source record: 214451

>I have ordered many things from AES and have always been satisfied. As
>a salesman in a store I can also relay the frustation with people who
>just sort of look around and ask questions about this or that and don't
>buy anything. The salesman has a family to feed and keep a roof over
>their heads. They don't have time to bottle feed you!
>IMHO, Keith

Where is it that you work. I will be DAMN sure to avoid that place. I wonder if you employer knows of you attitude. This is a piss poor attitude.

I wonder if the reason people ask you questions, look around, and don't buy anything have anything to do with your sorry attitude. It takes a GOOD salesman to sell things. You must not be a good salesman. Just a greedy one. Take note from a good salesman. They make more money. It is called repeat business.

65. Re: Amateur (jerks) Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: horrock@aol.com
Message-ID: <3vn2g0$58r@newsbf02.news.aol.com>
Source record: 214353
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

>The upshot being: at least AES knows about the problem, and is going to
make
>at least a token effort to fix it.
>
>I know that HRO employees are on the net. Has anyone called up HRO to
order
>anything recently and asked them about it?
>

Well as far a HRO goes, in one of their stores they had to move all their Repeater Pocket books behind the counter because too many of those small pocket books were being stolen (must be those scanner people - hihi).

The point is that there more sides to the story then that being given here.
In fact the best thing an AES or HRO person could do that reads this thread
is to say nothing, else he/she would be a target.

I was born in Milwaukee and can remember when AES was the place to go for ANY electronic needs, TVs, Microwaves, parts, etc. When I get back in town and go to their Good Hope Road store I have ALWAYS been treated right. Yes the phones are ring, they of course do a great deal of mail order.
But I was always waited on without major delay, and once a saleman started to wait on me, he stayed with me till I was done. What more could someone want?

HRO in Virginia has treated me the same. In fact the guys behind the counter hear about how well my dog was trained that they asked me to bring her in and "DEMO" to then a well trained dog. Now that's down right personable. Again, what more could someone want? If you want to be a pen-pale to an AES or HRO sales guy, catch them on packet!!!

Regards,
Horrock

66. Re: Ford Ranger Installation Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: FJEX69A@prodigy.com
Message-ID: <3vmrt9$102k@usenetw1.news.prodigy.com>
Source record: 214354

I drive a '90 Ranger with the straight-4 and you won't have any problems on uhf/vhf but on HF you'll have to put in some sweat equity.

I ordered the Ford fuel pump noise kit and installed it. It isn't hard to do, actually- you just remove the cargo bed from the truck. No foolin', it's easy, you remove those six large bolts from the floor, disconnect the fuel filler hose and light cables and lift it off. Unfortunately the Ford suppressor kit gives a substantial improvement on 15 meters and the higher bands but less on 20 and the noise is about S8 on 40 and the lower bands.

Ultimately I used radical surgery. I bought a sheet of copper screen at Skycraft in Orlando which I have used to enclose the fuel pump in an RF-tight shield. I formed it into a stocking shape, slipped it over the fuel pump and inlet screen, soldered it along one side and attached copper braid from a .242 size coax. This runs out through the "lid" of the fuel pump assy (you must maintain the vapor-tight seal) and grounded to the frame rail. Also, you must make sure that the screen does not interfere with the float sender.

For me, this gave about -24 to -26dB reduction of noise on the low bands. I also established a local ground for the pump (the harness ground return is at least 1 meter long). Obviously this repair is only for plastic-tanked vehicles. It is the direct EM radiation from the pump which is impinging on your antenna that is causing the problem, rather than troubles of noise getting into the various leads and cables in the vehicle.

73 de AC4AQ/M

67. Wanted: Hallicrafters HT-32

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: FJEX69A@prodigy.com
Message-ID: <3vmt3g$g2e@usenetw1.news.prodigy.com>
Source record: 214355

Especially the "B" version or if you have the matching receiver. It need not work but must not be missing any of the hard-to-replace parts.

If you know where one is please reply by e-mail or repost.

Thank you for your attention.

73 de AC4AQ

68. Re: Ten-Tec Paragon or Paragon2

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: Grant H Youngman <us007699@interramp.com>
Message-ID: <3vmrq9$elk@usenet1.interramp.com>
Source record: 214356

fgilmore@woodtech.com (Frank Gilmore) wrote:

>
>I have used both and the II is on my list of items to acquire in the
>not too distant future! Am really impressed with it. I have a shack
>full of Kenwoods and classic Collins and Drake gear (am a collector)
>and the Paragon II would take top honors in all catagories. Even
>beating out my R8A.
>
>73,
>
>Frank K0JPJ ex-W5PVX ...-.-
>

Hi, Frank ..

Have you seen anything on a head-to-head comparison of the Omni/Paragon
vs the latest and greatest from rice land?

I've almost reached the point of selling my Japanese creation (high-end
Icom) just to give Ten-Tec the business. Legendary service and support
and all that -- plus the tiny contribution to Gross Domestic Product :-)

Grant/NQ5T

69. Re: Amateur (jerks)Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: stanlui@netcom.com
Message-ID: <stanluiDCo2Bu.AJp@netcom.com>
Source record: 214357

Daniel Taylor (dan@guardian.tessi.com) wrote:
: suppliers, but I and many others, have come away with a
: very uncomfortable feeling after visiting Ham Radio Outlet
: in Portland (Tigard), Oregon. Several instances have occurred
: but the one I remember was wanting to look at the new Icom handheld.

Having heard experiences from AES outlets and HRO and a few others;Anyone had any dealings with JUN's Electronics in Culver City ? certaing sales man have been helpful in answering my questions as I come and go and not buy much. One exception is the Sales mgr their that doesnt seem to be friendly .. bad day maybe ?

Well I did finally buy a HT with accessories at ICOM day and a a good deal as well. This happened months of just coming and going. I have bought accessories like antennas , batterries , etc . The Ht was a MAJOR purchase.

My 2 cents thrown in..... having heard about the other Ham dealers I couldnt resist adding JUN's to the growing list.

70. ROTOR - Channel master - old tv salvage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: dan drumm <drumm>
Message-ID: <3vonnm$3ho@koala.uwec.edu>
Source record: 214358
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

Ground score!
I found an antenna rotor, but have little not no info.

Does anyone have/use/know about the channel master crown. I got
it from someone who was reroofing --complete with tripod for the
roof, but I do not have the controler, and I do not even know the
voltage it needs (my guess is 12v). All I can see are the three
wires used to control it.

It is real old, but fits nicely into me new budget; it was free.

..any help or references appreciated.

Dan Drumm
N9VOX (general is comming real soon now, but I like this call!)
drumm@uwec.edu

Wishing you and extra hour each day.

71. Re: Icom 706 Price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: zimmatore@randomc.com
Message-ID: <3vnl8a$d77@news.randomc.com>
Source record: 214359

In <mel.18.00178250@interlink.net>, mel@interlink.net (Mel Martin) writes:
>In article <3tboao$isn@over.mhv.net> Thomas.Randall@bbs.mhv.net (Thomas Randall) writes:
>>From: Thomas.Randall@bbs.mhv.net (Thomas Randall)
>>Subject: Icom 706 Price?
>>Date: 4 Jul 1995 15:56:08 GMT
>
>>
>> Saw an ad for the new Icom 706 rig. Anyone know what it's going for in
>>price? Seems like a nice rig! HF, 6 meters and 2 meters I believe. All
>>mode too.
>
>As of abt a week ago, no one had any pricing info. (I'd like one too)

I asked for a price at HRO, and was told that while they don't have the price
yet, they expect that it will come in at around $1400 or so.

73 de John, AD4ZH

John Zimmatore <zimmatore@randomc.com>

72. Re: DTMF Memory storing problem on 51r???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: davros@news.eden.com
Message-ID: <3vnm0v$cbm@matrix.eden.com>
Source record: 214360

It's best to earse the DTMF memory and start over. In fact, that, to my knowledge, is the only way you can delete too-long numbers. You earse like this...and it ain't in the manual. I only found it out of desperation and frustration and trying every silly thing I could think of:

1) Select the DTMF memory you want to change.
2) Go into program mode (hold down the F/M button for a half second, like you're going to enter a new phone number.)
3) Press the..um..what is it? button. It's the one right above the on button and below the monitor button. It changes control of the radio from the primary to the sub band.
4) Press the call button like you're going to save the contents of the DTMF memory.
5) Reprogram the memory as usual.

I don't know why that isn't in the manual, but it isn't. It does work, however. (By the way, with beeps on, when you press the...what do you call it...button, you'll hear a high-pitched beep.

Hope this helps.
--
Buddy Brannan, KB5ELV | If you visit American city,
(512)441-3246 (Home) | You will find it very pretty.
Internet: davros@eden.com | But two things of which you must beware:
davros@ccwf.cc.utexas.edu | Don't drink the water, and don't breathe the air. --Tom Lehrer

73. Swan 250 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: mitchell@dtcs70.kodak.com
Message-ID: <3vnn91$djh@kodak.rdcs.Kodak.COM>
Source record: 214361

```
Hi All, I have a friend (e-mail address kr25.L628910@kodako.kodak.com) Doug, N2BEG
that has aquired a swan 250, and is looking for mods for this. Any hints?
-----------------------------------------
please e-mail
Doug, N2BEG at kr25.L628910@kodako.kodak.com
-----------------------------------------
Thanks es 73 Brad WB8YGG

-
```

74. Re: FT-530 800 MHZ *REQUEST HELP ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: priggins@usit.net
Message-ID: <3vno7k$54c@news.usit.net>
Source record: 214362

In article <DCLJC4.8B5@world.std.com>, jjmartin@world.std.com (Jim Martin) says:

>BTW: I bet your dog is bigger than mine...and that you can run
>faster, jump higher, and leap tall buildings better than I can. Gosh,
>Superman it sure is nice to meet you here on the net.

>Jim Martin, WK1V

Well, I don't know about your dog, nor your speed in the hurtles. I do not claim to be Superman because we already have one in Washington (Newt). I was merely relating an experience that I have had with the '530s that I have been able to test. I do not do 12DB SINAD tests because I don't want to bother with hooking all the stuff up. My communications analyzer will generate signals about anywhere and allow me to vary the output. I test the radio by generating a signal at 146.55000 mhz and injecting it into the antenna jack. This tests the receiver sensitivity from the very top of the chain. Then I start reducing the output and read on the CRT where the radio loses the test signal in microvolts (squelch off).
The '530s lost the signal at 2.71uV whereas the '11R did not ever lose the signal, the generator would only go down to .03uV. That is the result of the tests I did on the radios I had, of course your mileage may vary. Now if that means my dog is bigger than yours...I can run faster than you..etc.. then I have the number of a shrink that you can see about your inferiority complex.

-- Patrick Riggins KA4ZNU
Knoxville, TN
** Have fun in life, it's your only chance.

75. Re: FT51r USER'S REPORT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: gianotti@aol.com
Message-ID: <3vnpgd$997@newsbf02.news.aol.com>
Source record: 214363

Get the FT51R. Nicer radio, more "bells and whistles" but by all means,
if you have a Windows based computer get the programing software for the
HT. Makes it so easy to program and reconfigure.

In short great radio.

____
| John L. Gianotti KF9GW #INTERNET: gianotti@ideanet.doe.state.in.us |
| Dir Computer Services #VOICE: (219) 365-8551 ext 260
|
| Lake Central School Corp.#FAX: (219) 65-6414
|
|____|

76. DTMF ? What are the freqs' of the tones

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: frank.fowler@firstdue.com
Message-ID: <8AE61C2.01EF001234.uuout@firstdue.com>
Source record: 214364

```
-> Can anyone tell me the freq of each tone generated by a DTMF pad?
-> Thanks

digit high tone low tone
----- --------- --------
1 1209 hz 697 hz
2 1336 697
3 1477 697
4 1209 770
5 1336 770
6 1477 770
7 1209 852
8 1336 852
9 1477 852
0 1336 941
* 1209 941
# 1477 941

each digit is made up of two tones, one high, and one low.

From the Amateur Radio Operator's Handbook.
```

77. Re: FT-530 800 MHZ *REQUEST HELP ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DCoqEr.G1o@world.std.com>
Source record: 214365

priggins@usit.net (Patrick N. Riggins) wrote:
:>Now if that means my dog is bigger than yours...I can run faster than
:>you..etc..then I have the number of a shrink that you can see about
:>your inferiority complex.

Gee, I don't have the number of any shrinks...wonder why YOU keep one
around?

The joke is on you though, I don't have a dog.

Anyway, at work today I will check the open squelch MDS on my 530 and
let you know what the sensitivity level is. I doubt it will go all
the way to .03uV.

As far as the name calling goes I'll end it right here, you got me.
You win. Feel better?

==========
Jim Martin, WK1V | I speak for no one....not even myself.
Lowell, Massachusetts |
USAF(Ret) 1973-1993 |
Ex-KB1LW-N1CLS-KA5MWD-HL9ZF |
==========

78. Re: JRC JST-245 Reply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DCoqnH.IxM@hpqmoea.sqf.hp.com>
Source record: 214366

M740166%SLVMA.PRofs@mdcgwy.mdc.COM wrote:

: Fred, KE0ZG, wrote asking if anyone had a word of wisdom on
: the JRC JST-245 HF/6 meter transceiver.

: Here is my words of wisdom:
: I think that 'any' rig produced now is very good. The equipment
: of the 90's are all first rate when compared to the stuff
: in the 70's.

Some of the latest model HF radios may look hellishly impressive, but you really have to try some serious measurements to see what they can actually DO. There is still a spread from good to junk. As for the 70's, there was certainly some junk, but there were some rigs that can still hold their own with many current radios in terms of ability to communicate, though they lose badly in the flashing lights and memories stakes. From the late 70's early 80's there are the TR7 and Corsair for starters.

On-air evaluation is often misleading as HF conditions are famously variable, yet people don't make allowances. The difference between open and closed bands is far larger than the difference between good and mediocre radios

: But when you buy an 'Orphan' rig like the JRC, don't
: expect to get must resale value on it. My experence is to stay
: with the main stream manufactures, Icom, Kenwood, Ten-Tec or
: Yaesu.

JRC have been on the go from early this century, they are proud of it. They are one of the successful manufacturers of professional comms and navigation equipment. They have a good reputation for quality, and are proud of it too. Try buying one of their receivers second hand and you will discover two difficulties: 1) the prices are high 2) Few people with them want to sell them.

Those "Orphans" are still with their families, and their ancestors go back a lot further than most other brands.

: I know the ad's look good, I bought a Yaesu FTdx560 transceiver
: from Spectronics (this is before Yaesu America came in) and I had all
: kinds of troubles with service, parts and sold it for nothing just
: to get rid of it.

I'm not surprised. Adverts are always carefully designed to look good, but some of the radios advertised have been real lemons. Someone was offended only a few weeks ago when I point blank refused to even

look at an FTdx400. If it had been someone just getting going in the hobby, and it had been all they could find that they could afford, I'd have done a lot to sort it out for them. I fix radios for fun, for friends and members of the local club. I do it for free so I reserve the right to avoid bottomless pits unless I feel charitable considerations are more important.

: Wonder how many KDK 2 meters transceivers are
: still out there without serivce.

Here in Britain, there are a few KDK's. I've had a couple apart. No chance at all of decent service info, and usually the owner's handbook postage stamp sized diagram is long lost. Their circuitry is a bit, well, let's just say "Odd" in design. There are also "Standard" 2 metre sets around, but service info and spares are hard to get for this make. As you rightly suggest, the resale prices are rock bottom. Of course, someone with a reasonable background in amateur radio ought to be able to open one up and find their way around without much service info, and make a good attempt at fixing many faults with generally available parts. All bets are off when custom parts like microcontrollers are dead, of course.

: Those are my 'words', any other opinion's?

I think your concerns are important ones, Joe, though I'd personally be less worried about JRC than the "Big-3". JRC haven't been a big player in amateur transceiver circles (though they are the brand leader in HF receivers in, at least, my part of the world) so I suspect a lot of people are unaware of their size, history or reputation. Although I don't own any JRC equipment, I'd be happy enough to do so.

As I seem to have been 100% nice to JRC, now might be the time to point out that I've seen a good number of their receivers where the tuning knob shaft bearing showed a lot of wear after heavy usage. OK, the radios still work fine, but, perhaps ball races would be better?

Cheers
David

79. Yaesu FT-900 -- Want User Opinions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: Ed Juge <ed@cis.compuserve.com>
Message-ID: <3vnv1p$sp3@dub-news-svc-4.compuserve.com>
Source record: 214367

I'm considering replacing my Kenwood TS-450S with a Yaesu FT-900. The Yaesu's removable panel looks like a big advantage in my Ford Explorer. However, I've only beeen able to locate one other user of the 900. Would sure appreciate comments from users on how they like it, what they like most and least, etc.

Thanks... Ed Juge, W5TOO

80. Icom IC-737A, IC-738

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: k_appleman@csc32.enet.dec.com
Message-ID: <3vo4bk$7gi@nntpd.lkg.dec.com>
Source record: 214368

Does anyone know of any mods to the IC737a or 738. I have checked all of the public ftp sites and have found nothing on these 2 rigs.

81. FM 900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: st95169a@pilot.stu.cowan.edu.au
Message-ID: <3vo3vu$10ch@bluering.cowan.edu.au>
Source record: 214369

I'm writing this for a friend without net access, excuse me if i'm vague (his topic, not mine)

My friend is looking for the source code/file for a Philips FM900 radio, he tells me to write that it's 8602 source code.

Ring any bells with anyone?

Please reply via email to st95169a@pilot.stu.cowan.edu.au

Thanks,

Gary.

82. Re: Controller Info???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DCp283.A7D@avalon.chinalake.navy.mil>
Source record: 214370

There is a repeater section in the Annual (sort of) CQ buyers guide.
Most but not all are listed in there.

Bill Harwood
AB6DY

P.S. How is the Owl Cafe?

83. Re: 2m/440 Mobile Radio Recommendation?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: craigb@sdd.hp.com
Message-ID: <3vokhhINNfj@hpsdlgd9.sdd.hp.com>
Source record: 214371

In article <3vo47t$22q@ixnews4.ix.netcom.com> longtran@ix.netcom.com
(Long A. Tran) writes:
>I'm planning to get a dual band mobile radio. Any recommendations
>will be appreciated.

Well, I don't have any reccomendation, but I will share my experience
with dualband mobiles.

I have owned a Yaesu FT-5200, and a Kenwood TM-732. Here are my impressions
of both:

YAESU FT-5200 - Positive:
1. Nice receiver implementation. Significantly less intermod than the
Kenwood or (heaven forbid) an HT.
2. Remote mount head quick releases. Which means that I can detach the
control head/mic and stash it in my glove box when parked.
3. Built in duplexer. I use a dualband antenna, so this saved me ~$30
on buying a duplexer.
4. Simple user interface.

YAESU FT-5200 - Negative:
1. Intermod. Even though it is better than the Kenwood, I still felt the
need for a CTCSS (PL) decoder, a $60(?) option.
2. Few memories. I am spoiled on having enough memories to program all the
channels I *might* be interested in. With the Yaesu, that is not possible
(16 memories/band, I think).
3. No DTMF memories.
4. Can't switch bands from the mic. This is a nit, but it's something I'd
really gotten used to on the Kenwood.
5. No AM aircraft receive.
6. A general lack of bells and whistles. Few scan modes, no memory
reconfiguration, etc.

KENWOOD TM-732 - Positive
1. Wealth of nice features: scan modes, memory reconfiguration, mic
accessable features, DTMF memories, etc.
2. Plenty of memories. In my configuration I have about 70 memories total.
3. Excellent audio quality.

KENWOOD TM-732 - Negative
1. Intermod. Squelch breaks sometimes due to intermod even *with* CTCSS
decode turned on.
2. Very difficult user interface. Many overloaded keys, hidden functions,
cryptic indications, etc.
3. No built in duplexer.
4. Some reliability concerns. My rig had an open ground to the Mic, very

difficult to diagnose. My rig is also experiencing some receive feedback when the unit is very hot (>120 degrees F, I'd say).
5. Poor reputation Kenwood service. I have heard enough bad things about Kenwood service to make me afraid to send it to them. I use a local ham (hi Lew) for my repair work.
6. Nondetachable remote head mount. The control head is remote mountable, but once mounted, requires a screwdriver and a tiny electrical disconnect to remove. Not practical to remove for security purposes.
7. Non backlit mic buttons. Not a problem for me, but important to some.

Many of the advantages listed above directly lead to some disadvantages on the same unit. For example, lots of features leads to a bad user interface. Yes, I *do* want to have my cake and eat it too :-).

The bottom line is that when it came time to sell one of the rigs, I put the Kenwood on the market. BUT, when the buyer wanted to switch the deal and buy the Yaesu instead, I agreed.

Despite all the gripes above, I am happy with my Kenwood. The lack of memories on the FT-5200 is almost a fatal flaw, but I was willing to live with that unit, too. Another point is that the rigs *are* different. You will want to find out what the differences are.

As far as making an actual purchase goes, I'd advise you to buy a used unit from packet or rec.radio.swap. You can get a used late model dualbander for ~$500, a swignificant savings from purchasing new. And you will be able to sell the unit later for about the same price.

Hope this helps.

73 de Craig
--
Craig Bosworth, KD6WQH Hewlett Packard, San Diego Division
craigb@sdd.hp.com kd6wqh@wb6dgr.#soca.ca.usa.na +1 619 655 8609

84. Re: Ford Ranger Installation Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Message-ID: <DCp4B5.H71@ranger.daytonoh.attgis.com>
Source record: 214372

Does the RF problem that affects Rangers also apply to
Explorers?

--
Greg Smith
AT&T Global Information Solutions
Dayton, Ohio

85. Re: DSP Recommendation/Experience

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: n0dh@comtch.iea.com
Message-ID: <3vo0bd$ii9@krel.iea.com>
Source record: 214373

W8JI Tom (w8jitom@aol.com) wrote:

: I think they are all good products, but I'm sure N0DH doesn't. He spends
: all his time trashing MFJ! While some of their products are cheap or
: poorly constructed, I think blanket critisism of every product they make
: is a stupid tactic.

Why Tom!

1) I'm really surprised at the personal attack...that's below your usual
level "of I'm the expert on everything" stance don't you think.

2) Alas you are mis-informed about how I spend "all" my time. Actually I
spend half my time running a very sucessful electronics manufacturing RF
products plant for an OEM serviceing the utilities industry. As far as my
Ham activities go I design and construct low band wire antennas. and
then spend a fair amount of listening time on 160, 80 and 40 cw, where I
have just under 700 band/countries confirmed. That and the honey do's
leave me very little time to "trash" MFJ. In fact looking back seems like
I may have spent less than 10 minutes in the last 6 months on that topic...
On the other hand If you don't wanna know what I think then don't waste
yout time reading it ;-)

(fLAME SUIT ON!!!...GO FOR IT THOMAS..YOUR SERVE!)

DIRTY (TOUNGUE IN CHEEK) DAVE
N0DH

86. Alnico DX-70

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: dnorris@gn2.getnet.COM
Message-ID: <199508021432.HAA27706@gn2.getnet.com>
Source record: 214374

I just purchased an Alinco DX-70 and wonder if there is a mod to expand XMIT range??

TIA

Dean, K7NO
```
////////////////////////////////////
/ ditdahdude K7NO /
/ dnorris@getnet.com - 71572.2126 CIS /
/ _____ /
////////////////////////////////////
```

87. q

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: sfcnh7x@frog.thpl.lib.fl.us
Message-ID: <3vn3o7$n5d@mother.usf.edu>
Source record: 214375

[No readable article body recovered]

88. Re: Controller Info???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: screa@aol.com
Message-ID: <3vorpa$in4@newsbf02.news.aol.com>
Source record: 214376

Just thought I would add - I love my ACC RC-96 repeater controller. Apparently the company no longer produces them, but it is a sweet controller. The price is a hard nut to crack (1200-1700), but worth the cost if that is the type of controller you are looking for. The autopatch works great. Also at one time I had a kenwood ts-440 hooked up remote base style, also worked great.

89. 8874

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: Wayne Wicks <wayne@nexus.interealm.com>
Message-ID: <Pine.SV4.3.91.950802091345.10345J-100000@nexus>
Source record: 214377

Looking for three 8874 tubes. Let me know price and age.

73's

Wayne Wicks WA2KEC
7581 Lost Ranger Peak
Littleton, Colorado USA
wayne@nexus.interealm.com

90. 2m/440 Mobile Radio Recommendation?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: longtran@ix.netcom.com
Message-ID: <3vo47t$22q@ixnews4.ix.netcom.com>
Source record: 214378

Hi All,

I'm planning to get a dual band mobile radio. Any recommendations
will be appreciated.

Thanks in advance.

73 KE6HGI

91. Need Cardwell Condensor Co. info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <3vp26c$2eu@acme.freenet.columbus.oh.us>
Source record: 214379

Hi gang,

I'm looking for address or fax of the Cardwell Condensor Co.
which produced air vary capacitors.

Appreciate for any help.

73! Sergei
AA8OT, UA3AP

92. Re: Amateur (jerks)Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: "Daniel B. Mills" <millsd@river.it.gvsu.edu>
Message-ID: <Pine.HPP.3.91.950802172946.12804F-100000@river.it.gvsu.edu>
Source record: 214380

>
> Ask for Phil... I always ask for him now. Great bunch of people there!
>

Yeah, thanks Phil.

N8PPQ

93. Re: Icom service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: "Daniel B. Mills" <millsd@river.it.gvsu.edu>
Message-ID: <Pine.HPP.3.91.950802173232.12804G-100000@river.it.gvsu.edu>
Source record: 214381

> >I have to compliment Icom factory service. They did a nice job and I
> now
> >have a radio that looks and works like new.
> >
> > Jim WB6LWS in Pacifica,
>
> I have to agree. I have sent three radios in for repair to ICOM and
> have received excellent service/response time
>

Mee Tooo,

Those radios are SOLID, too! I have a 735, 229H, and an O-2at. They get beat up regularly. I really abuse those poor radios. Twice they've had to go in, (the 229 and the AT-?? matching tuner for the HF rig). I always get more than I expect at a much lower cost. And if I think to say that I'm in a hurry, they accommodate me!

N8PPQ

94. ACC belly up ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: william@cortex.ama.ttuhsc.edu
Message-ID: <Pine.SUN.3.91.950802213843.17204A-100000@cortex>
Source record: 214382

Hello all.

I tried to call ACC to order a new AC-96 repeater controller two weeks ago. All I kept getting was an answering machine, and they NEVER returned any calls.

I then sent then an EMail message saying that if the whole company was going on vacation, it would be nice to say when they were getting back so that customers like myself wouldn't get PO'd.

I kept trying for a week, and now I get a message on their answering machine that they are 'exiting the amateur repeater controller business", and thanking everyone for 13 years of support.

So have they gone belly up or what ?

I was convinced that they had an excellent product, and I am surprised that they suddenly went out of business.

Anybody have any info on ACC ?

Thanks,

Reddy Biggs


```
==========================================================================
| | |
| William C. Biggs , M.D. | william@cortex.ama.ttuhsc.edu |
| 1900 South Coulter Drive | |
| Amarillo, Texas 79106 | FCC Call: KC5JIF |
| | |
==========================================================================
```

95. Mod Info for KW TM241A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-02 00:00:00 UTC
From: mallorys@nbnet.nb.ca
Message-ID: <950802222632.F75516@news.nbnet.nb.ca>
Source record: 214383

Hello and thanks for reading this posting.

I have the mod for the Kenwood TM241A that will permit me to transmit out of band. (I know, don't transmit out of band, its against the law.) Any way if you are familier with the mod, it says to cut the green jumber wire and install a diode as D209 on the control board. My question is this, where do you install the diode? There are no markings on the control board to indicate where D209 goes. Also does this mod really work, and if so how good or bad does it work?

Any help would be appreciated.

Steve
mallorys@nbnet.nb.ca

96. RE:BEST ANTENNA FOR AN HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: goodwin@Primenet.Com
Message-ID: <3vrct3$eal@nnrp1.primenet.com>
Source record: 214252

In a message dated 08-03-95, fitr%mimi@magic.itg.ti.co said to All:

fitr%mimi>Remeber the AEA Hotrod is a 5/8 wave antenna meaning
fitr%mimi>that it requires a ground-plane to resonate
fitr%mimi>effectively. Likely, the little HT is hardly a
fitr%mimi>sufficient groundplane hence the 3:1 vswr.

Incorrect. The AEA Hotrod is 1/2 wave, and does not require a
ground plane. And as I said, mine has a 1.2:1 SWR in the middle
of the band.

fitr%mimi>I've found the MFJ "Super Gainer" to be an excellent
fitr%mimi>telescoping antenna. It is a half-wave end-fed
fitr%mimi>antenna meaning it does not require a ground plane to
fitr%mimi>achieve a decent match. It achieves a match via
fitr%mimi>loading coil at the base, but the coil is much
fitr%mimi>tougher than the AEA hotrod. The coil is in a metal
fitr%mimi>sealed can making it very durable, The telescoping
fitr%mimi>whip can unscrew from the coil for replacement (mfj
fitr%mimi>sells them for about 4 bucks). So, if you break it
fitr%mimi>you can fix it. Further, it is a bit shorter than a
fitr%mimi>5/8 wave antenna. Lastly, the power rating is 10 or 15
fitr%mimi>watts making it usable even on some mobile rigs as a
fitr%mimi>"back of the set" antenna. Shortening the whip makes
fitr%mimi>a good antenna throughout the 144-160 Mhz band and
fitr%mimi>I've used it at 154 Mhz with good results.

Sounds nice. How much does MFJ get for the Super Gainer? I generally
try to avoid MFJ gear (let's face it, their QC is non-existent!) but
I have an open mind! I've never had a problem with my Hotrods, but
they do strike me as being kind of fragile. A more durable equivalent
would be welcome.

```
*************************************************************************
* Larry Goodwin KC6WOG * reply to... INTERNET: goodwin@primenet.com *
* 73 es gud DX * AX25 PACKET: kc6wog@wb6wfh#soca.ca.usa *
* --... ...-- * Better Living Through Sound Effect Editing *
*************************************************************************
```

• MR/2 2.03 NR • Windows? Homey don't play that!

97. Re: Compaq Computer info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: mdowning@netcom.com
Message-ID: <mdowningDCqyvM.7Ht@netcom.com>
Source record: 214253

the best way (and the most common) to access the Cmos is thru the Compaq
setup disk. Nearly every compaq machine older than the past few years
will require it.

--Mark

Harry Goeller (ABYA56A@prodigy.com) wrote:
: Ctl-Alt-Insert is another commony entry into Setup, my current Compaq
: requires F10 when the cursor moves to upper right corner.

: 73,

: Harry
: N4HG

--
****
The opinions expressed in the above message may not necessarily be relevant
to anything at any time. They are simply my own......

mdowning@netcom.com, mdown@rdatasys.com, Amateur Radio Call - KE6NNP
****

98. Re: Kenwood TS-700A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <3vqria$5kjb@lamar.ColoState.EDU>
Source record: 214254

In article <3vqnv2$5u5@crcnis3.unl.edu> enick@unlinfo.unl.edu (eugene nick) writes:
>Does any out there have a Kenwood TS-700a 2m all mode rig and how do
>you like it?? Comments please.....

What I like about it:
1. VFO uses a variable cap, not synth'ed.
2. AC and DC capable.
3. Mic gains readily accessable (under top panel).
4. It was cheap (<$200).
5. TX switching output is a relay contact, easier to interface with strange
gear.

What I don't like.
1. Not very sensitive RX. I've added a mast-mount preamp, so this
is no longer an issue.
2. Only 10 watts out. (I bought a Ramsey amp kit and I can get 40 watts).
3. Can't do split VFO operation, unless you use a crystal instead of VFO 2.
4. It's kinda big'n'heavy.
5. Doing CTCSS tones looks like major surgery, but I don't use it for FM.
6. VFO scale is hard to be precise with, but no one ever operates on the
same freq as anybody else.

All in all, I think it was one of my better radio investments. You can get the
Ramsey 2m preamp and build it in to the rig (where I started), and it works
almost as well as a mast-mount preamp.

It's not worth more than $200, even if it's been in the box for 15 years ;-).

Galen, KF0YJ

Colo. 2m SSB net, Monday eve @ 8:00pm (MT) on 144.220, usually from DN-70. Net
control follows the clock minute hand (i.e, looking east at 8:15, west at 8:45).

99. Re: HTX-202 questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: news@bnlux1.bnl.gov
Message-ID: <3vrf4p$g8n@sun20.ccd.bnl.gov>
Source record: 214255

I have been following this thread as I have a
404 and while it does get warm it never gets
too hot to handle.

I wonder why no one has suggested measuring
the SWR which by the way is terrible with
the stnd rubber duck.
73 n2zcz......

100. Alinco DJ-582T as first HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: Tim Deagan <tim@thinkagain.com>
Message-ID: <3vreek$2bu@tivoli.tivoli.com>
Source record: 214256

I am taking my Tech class test this weekend...
(and feel good about it thanks to the practice exams at
http://w5ac.tamu.edu/ham-exam.html , plus "You're Talking Now'
from the ARRL and 'All About VHF Amateur Radio' by William Orr
W6SAI. I promised myself I'd learn real theory and not just
memorize answers.)

Anyway, I want to purchase a dual band as my first HT
and am considering the Alinco DJ-582T (street pricing
at $399).

DJ-582T, Dual Band 2m/440 Transceiver
Features Include:

2W output on 2m & 70cm. 5W w/ the opt. EBP-22 battery.
Built-in CTCSS encoder/decoder.
Full-duplex, cross-band repeater capability.
40 memory channels (any combination VHF and UHF).
Separate volume and squelch controls for each band.
Back-lit keypad.
Receives 135-174 & 420-470MHz. AM 118-136MHz.
Easy mod for MARS and CAP ops.(proper license req).
Bigger bold keypad buttons than DJ-580T.
Easier to grasp control knobs than DJ-580T.
Bright red TX LED.
Accelerated scanning speed.
AM aircraft RX standard.
LCD will display memory frequency of channel number.
Custom molded antenna.

(thanks to HRO for the description, http://www.hamradio.com/)

Any comments? Alternatives I should consider in the same
price ballpark? Accessories I should not try to live without?
Best bet in the next price level?

Thanks in advance!
--Tim

,----, <> ReV.TiM <> .-----.
{ <> /--\ <> }
`--(tim@thinkagain.com http://www.fc.net/~tdeagan)--'
`--'

101. Question about Super Morse ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <3vrm3b$e6v@newsbf02.news.aol.com>
Source record: 214257

How do I get super morse to generate multiple choice questions for the tests it generates ? This is the type of test I will be taking to upgrade to General & I want to get used to it.
Thanks !

Buddy10@aol.com (Scott Powell)
KD6GPV Tech. Plus since 1995
Nickel dime shoeshine,don't let your meat loaf !

102. FS: Dentron MLA2500 linear amp incl 10-m

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: amrad@atl-intl.com
Message-ID: <amrad.113.0038D2C1@atl-intl.com>
Source record: 214258

I have a never-used Dentron MLA2500 linear amplifier
which includes 10-meter band. It has never been powered
on, and I am thinking of selling it, since one cannot use it
in a city.

Bids (or other comments) are invited to be sent to amrad@atl-intl.com.

Regards,
David

103. ss-9000 manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: carlislec@aol.com
Message-ID: <3vs40k$j54@newsbf02.news.aol.com>
Source record: 214259

Neil Imight be able to help .Iknow someone who has that unit but Idon't know if he has what you want. I'll check and e-mail you when I find out
73 de wd5ebs craig

104. Re: DTMF ? What are the freqs' of the tones

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: rtm@ftp.netgate.net
Message-ID: <rtm-0308952117390001@ng62.netgate.net>
Source record: 214260

In article <3vlion$hk@usenet.rpi.edu>, reidj@rpi.edu wrote:

> Can anyone tell me the freq of each tone generated by a DTMF pad? Thanks
>
> Jim REid
> Keywords:

1209 1336 1477 1633

697 1 2 3 A

770 4 5 6 B

852 7 8 9 C

941 * 0 # D

Hope this helps. Each key generates a pair of tones

73-

--

Bob Martin N6MZV * rtm@ftp.netgate.net

105. Cushman CE-6 Service Monitor

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: bneville@intele.net
Message-ID: <bneville.5.0036FB2C@intele.net>
Source record: 214261

I need a book for a Cushman CE-6 Service Monitor. I also need the books for the CE-6 deviation scope and the broadband front end. My CE-6 has a dim deviation scope, probably just a tube, and intermittently goes out of lock.

Thanks in advance.

Bill Wa7kmf

106. Drake R7: Troubleshooting help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: gatkins@gatkins.seanet.com
Message-ID: <gatkins.12.30201ABE@gatkins.seanet.com>
Source record: 214262

I have a very nice, "fully loaded" Drake R7 receiver that has suddenly started acting up. Can anyone give me any clues as to the problem(s) that may be causing the following symptoms:

--"random counting" of the frequency display on the 3.5 MHz band switch position and on all *higher* bands. The synthesizer is unlocked while this is occuring, i.e. no stations received.

--On some of the higher bandswitch positions, the display just shows the decimal point or maybe that plus 2-3 digits. Pressing the UP or DOWN buttons sometimes causes all digits to come back on and show random counting.

--the 3.5 MHz bandswitch position is the only one acting up that returns to normal if I press the DOWN button. But it is always in random counting when I first switch to it.

--radio operation BELOW the 3.5 MHz bandswitch position is just fine, thank you!

I thought maybe a dirty connector was the culprit, so I treated EVERY connector and PCB pin to a treatment of Caig Labs' Cramolin, but to no effect.

I also suspected that the Digital Control Board was not getting the correct binary data from the bandswitches, so I checked for high-low voltages at the appropriate pins on the motherboard. Nada there, too.

Any guidance would be appreciated!

73, Guy

107. RE:best antenna for an HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <3vpdda$o94@tilde.csc.ti.com>
Source record: 214263

In article <3vm5bd$csr@nnrp1.primenet.com>,
goodwin@Primenet.Com says...
>
>In a message dated 07-31-95, glyle@io.seas.ucla.edu
said to All:
>
>glyle>As far as telescoping antennas go, I tried a
AEA "hot rod" antenna. It
>glyle>seemed to work better than the Icom rubber
antenna, but when I hooked it
>glyle>to my SWR analyzer I couldn't get the meter to
unpin (swr 3:1++) anywhere
>glyle>on the ham band. The Hotrod now resides in the
junk drawer.
>
Remeber the AEA Hotrod is a 5/8 wave antenna meaning
that it requires a ground-plane to resonate
effectively. Likely, the little HT is hardly a
sufficient groundplane hence the 3:1 vswr.

I've found the MFJ "Super Gainer" to be an excellent
telescoping antenna. It is a half-wave end-fed
antenna meaning it does not require a ground plane to
achieve a decent match. It achieves a match via
loading coil at the base, but the coil is much
tougher than the AEA hotrod. The coil is in a metal
sealed can making it very durable, The telescoping
whip can unscrew from the coil for replacement (mfj
sells them for about 4 bucks). So, if you break it
you can fix it. Further, it is a bit shorter than a
5/8 wave antenna. Lastly, the power rating is 10 or 15
watts making it usable even on some mobile rigs as a
"back of the set" antenna. Shortening the whip makes
a good antenna throughout the 144-160 Mhz band and
I've used it at 154 Mhz with good results.

--
73 from Joe BV2/N0IAT in Taipei, Taiwan R.O.C.

Ex. 7J1AOF (Japan) KA0ZDH (novice) YU3/N0IAT
(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

108. Re: Alnico DX-70

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DCpLxJ.Hno@avalon.chinalake.navy.mil>
Source record: 214264

You are the first!!!!

What did you have to pay for it? If you don't mind telling.

Thanks,

Bill Harwood

109. Re: Compaq Computer info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: ABYA56A@prodigy.com
Message-ID: <3vp6o4$2s0a@usenetp1.news.prodigy.com>
Source record: 214265

Ctl-Alt-Insert is another commony entry into Setup, my current Compaq requires F10 when the cursor moves to upper right corner.

73,

Harry
N4HG

110. Re: 2m/440 Mobile Radio Recommendation?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: lmenzel@millcomm.com
Message-ID: <3vrb7m$ihd@news.MillComm.COM>
Source record: 214266

In article <3vo47t$22q@ixnews4.ix.netcom.com>, longtran@ix.netcom.com says...
>
> Any recommendations
>will be appreciated.
>
>
>Dear Long,

Having just gone through the search, I would ask several questions.

1. Is there a lot of intermod sources around your primary use area? If so, forget Yaesu, their front end is like a seive.

2. Do you need a removable front panel for mobile use? If so, check out the Kenwood TM733 or higher. Good rigs, good front end, and handy.

3. If detatchability is not important, and you are only going to use it in the car, the best buy on the street today is the Icom IC2340. Great intermod rejection, 50/35 watts, lots of features and the best price available...I bought mine from Radio City in Minneapolis--$539

4. Do you need it for packet radio from the shack? if so, you may want to look again to Kenwood as they have the front panel ports to make that very easy and accessible.

My over all recommendation is for the Icom, but then I really like their stuff anyhow.

GL and 73,

Larry N0CIB, Northfield, MN

111. would like to buy a used TS140S KENWOOD

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: ggournay@connectmmic.net
Message-ID: <ggournay.159.0006E70A@connectmmic.net>
Source record: 214267

call me at email address; ggournay@connectmmic.net

112. Re: ### I need info/mods on Kenwood TH-22AT Handhelds

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: morganp@freenet.edmonton.ab.ca
Message-ID: <3vre70$4t4@news.sas.ab.ca>
Source record: 214384
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Wong Shiong Chuen (93102208@comet.np.ac.sg) wrote:
: I'm interested in purchasing a TH-22AT, however, silly as this may sound, I
: need mods for it.

: I need to restrict it to RX and TX from 144-146 -ONLY-. It's a requirement
: by our licencing here (Singapore) before the equiptment can be 'type
: approved'. Long story, I shan't go into it.

: Preferably, a mod that can be reversed.

: Oh yes, I'd also like the mods for expanded RX/TX if any are available, and
: if there are any keypad mods/tricks.

: This is posted to r.r.swap as I'd like to know if there are any technical
: manuals or the like for the TH-22AT where I can purchase to help me figure
: out how to restrict the RX/TX if possible.

: Alternatively, anyone knows of any nice HTs that can be restricted to 100%
: TX/RX from 144-146 only?

: Thanks for any info.

Try the Radio Shack HTX-202.

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo----------

113. Dentron tuner (instruction / pay too much?)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: dan drumm <drumm>
Message-ID: <3vrine$q44@koala.uwec.edu>
Source record: 214385
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

I bought a Dentron (model <something> jr.) antenna tuner for $30.00 US.
at a hamfest. Did I pay too much?

I was going to use it with a heath HW100, -- now I know I also need
an swr meter. oops, here comes yet another purchase. Nevertheless,
I would gratefully pay cost + postage + thank-you-very-very-much for
the photocoppied manual.

Other than that, I would like to just get a quick overview on how to
get up and running with the thing. It has one meter, and two knobs:
(and no instructions):

#1 transmitter match a,b,c,d,e,f... switch.
#2 antenna match variable.

The back has tx in, ant out, ballenced out, and unballenced out.

any help greatly appreciated. If you have the manual, please contact me
at drumm@uwec.edu.

Thanks!

Dan Drumm
N9VOX

Wishing you an extra hour each day!

114. Re: Dentron tuner (instruction / pay too much

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: steve6920@aol.com
Message-ID: <3vs1np$i65@newsbf02.news.aol.com>
Source record: 214386
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

Hi Dan,
If that is the tuner I am thinking about, it has a meter on the front which indicates relative power (with a pot on the back to adjust sensitivity.
I have used the Dentron tuners for several years (both the Jr. Tuner and the much larger MT-2000A. I haven't had one bit of problems with them.
To operate the tuner, you set the bandswitch and then adjust both the transmitter and antenna capacitors for the best match. You can get a rough idea by adjusting for maximum background receiver noise. The settings will obviously change depending on the antenna you are using. The only rule of thumb is the lower the letter setting on the bandswitch, the more inductor you are switching in and the lower the operating frequency.

The is a post on the back for the single wire antenna to which you would hook a long wire or random wire antenna. If you are using balanced feedline, you would put a jumper between the single wire post and one post of the balanced output. There should be a dotted line on the back indicating where this jumper should be placed. In addition, if you are using the tuner on low frequencies and have a hard time matching the antenna, you may want to put this jumper in as the addition of the balun in the circuit will help tune low frequency long wires.
If you will verifiy you have the Jr. Monitor tuner, I have the manual and can copy it for you. You can send me E-mail with an address.
73's
Steve

115. Best way to ground 2nd story shack help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDCq5ty.146@netcom.com>
Source record: 214387

Subject: Best way to ground 2nd story shack help?
Newsgroups: rec.radio.amateur.misc
Organization: NETCOM On-line Communication Services (408 261-4700 guest)
Summary:
Keywords:

I am force to have my shack (HF & VHF) loacted on the second floor on a 2 story house. MY water pipes are a mix of copper and PVC, and I am looking for the best method to provide a good ground system.

I have purchased some of the copper foil (Gordon West stuff), but if I run that from my shack to an earth ground outside, it will probably be a 50-60 foot run. Is this ok, or is there a better way to do this?

I am very concerned about creating TVI / RFI, plus I want to have the best ground possible under the circumstances. I would appreciate hearing from anyone with any suggestions / comments on the best way to approach this.

Thanks & 73's

Herb - KG6OK

--
herbr@netcom.com

116. Help diagnosing AEA FAX II problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: white_hae@csusys.ctstateu.edu
Message-ID: <1995Aug3.071654.1@csusys.ctstateu.edu>
Source record: 214388

I'm looking for some suggestions on how to test an AEA FAX II demodulator
that seems to have failed. Thx es 73 de N1QVE/Harry
hwhite@arrl.org

117. Re: FT-530 800 MHZ *REQUEST HELP ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: priggins@usit.net
Message-ID: <3vqblc$a6d@news.usit.net>
Source record: 214389

>Gee, I don't have the number of any shrinks...wonder why YOU keep one
>around?

- Yellow pages baby (back of the phone book for those in Rio Linda)

>The joke is on you though, I don't have a dog.

- Then why did you say that mine was bigger than yours ???

>Anyway, at work today I will check the open squelch MDS on my 530 and
>let you know what the sensitivity level is. I doubt it will go all
>the way to .03uV.
>
>As far as the name calling goes I'll end it right here, you got me.
>You win. Feel better?

- Boy, some people start something then try to blame others for it.

- Anyway, I think Yaesu put in some kind of pad in the receiver chain to cut down on the intermod problem they were having. I think that is why the sensitivity was way down in mine and my friend's. I even "real world" tested it on simplex and a friend's Alinco was kicking my '530's rearend. I decided then to sell it and get an 11R. Didn't really use the 70 cm side anyway (except for 800 mhz and I have a Motorola for that).

-- 73's

Patrick Riggins KA4ZNU
Knoxville, TN

118. ACC Controller Firmware in Public Domain??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: mgillie@nando.net
Message-ID: <3vqioq$suc@parsifal.nando.net>
Source record: 214390

ACC's answering machine says their firmware will sonn be available in public domain. Has anyone seen this yet? They use Compuserve so it may show up there first.

119. Kenwood TS-700A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: enick@unlinfo.unl.edu
Message-ID: <3vqnv2$5u5@crcnis3.unl.edu>
Source record: 214391

Does any out there have a Kenwood TS-700a 2m all mode rig and how do
you like it?? Comments please.....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

120. *** Looking for J-38 ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: epur01@email.mot.com
Message-ID: <epur01-0308951110410001@epur01.comm.mot.com>
Source record: 214392

After being inactive for a few years it appears that I have losty my old J-38 key. Does anyone have a lead on where to find one? They appear to be scarce.

Thanks.

--
Don Burns \ Motorola E-Mail: epur01
Motorola Inc. \ Internet:epur01@email.mot.com
North American Radio Systems Divn \ Voice: 305-723-5518
Plantation, FL U.S.A. \ Fax: 305-723-4343

X.400: /c=us/admd=attmail/prmd=motorola/g=don/s=burns/ddt=id/ddv=epur01/

121. Re: best antenna for an HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <3vqpp7$cbm@news.ccit.arizona.edu>
Source record: 214393

In article <3vpdda$o94@tilde.csc.ti.com> fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT) writes:
>>
>Remeber the AEA Hotrod is a 5/8 wave antenna meaning
>that it requires a ground-plane to resonate
>effectively. Likely, the little HT is hardly a
>sufficient groundplane hence the 3:1 vswr.
>--
>73 from Joe BV2/N0IAT in Taipei, Taiwan R.O.C.

The AEA Hot Rod is 1/2 wave, not 5/8 wave. Therefore, it does NOT require a groundplane.

Howard Lester KE7QJ

122. Re: DSP Recommendation/Experience

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <3vqrcl$5q0@newsbf02.news.aol.com>
Source record: 214394

That's ok Dave. I don't mind. But think about this. How would you feel if someone that never even owned one of your particular products sat outside your door telling people all you sold was junk??? If you don't OWN that particular DSP, how can your data be accurate?? That is my point. I'm sorry if you chain got yanked! ;-) 73 Tom

123. Software for Used Equp. Tracking

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: brucew@chattanooga.net
Message-ID: <3vqpmr$n3@news.chattanooga.net>
Source record: 214395

I have just completed a Windows program to facilitate the tracking of used and consignment equipment. If you sell any quantity of such equipment and hate the hassle of keeping up with it - and a mailing list to customers interested in such equipment, this may be of interest to you.

This program keeps up with equipment onhand, equipment sold, consignment information, allows discount pricing, AND prints mailing labels to either one-up matrix labels or full page laser labels (Avery #5331) so you can tell folks what you currently have onhand..

Entering equipment is "point & click" and reports are available on demand.

BEST OF ALL, you cannot beat the price: $49.95 incl shipping.

For more information, e-mail me at brucew@chattanooga.net

124. Ham-Radio-Outlet (HRO) FAX???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: 4z9chb@pc.4z7aba.ampr.ORG
Message-ID: <63286@pc.4z7aba.ampr.org>
Source record: 214396

Hi there,

Does someone of the you, gang, has a FAX number of one of the stores of
Ham Radio Outlet (HRO)???

TIA, Ohad Miller.
--
****
Ohad Miller, 4Z9CHB
Packet: 4Z9CHB @ 4X4HF.ISR.MDLE
InterNet: 4z9chb @ haifa.ampr.org
gt6011 @ junior10.technion.ac.il
Micro-Sats: 4X4HF @ UO-22, KO-23, KO-25
****

125. Need help w/ Motorola Svc. Monitor

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: dlr13@psu.edu
Message-ID: <dlr13.21.30210207@psu.edu>
Source record: 214397

Hello all,

I have a Motorola Service Monitor, model S-1079A, made in the early 1970's by Systron Donner. The frequency counter works, the converter works, the synthesizer works, but the receiver and deviation monitor does not. I get hiss out of the speaker, but no other audio when I bring a keyed HT near the input antenna, even though I can pick myself up on a scanner halfway across the room. Any ideas? Anyone with a manual for this beast that they would be willing to part with or photocopy? Thanks

Doug KA3TTQ

126. Re: Icom IC-737A, IC-738

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: tculin@teleport.com
Message-ID: <3vr022$155@maureen.teleport.com>
Source record: 214398

k_appleman@csc32.enet.dec.com wrote:

>Does anyone know of any mods to the IC737a or 738. I have checked all of the
>public ftp sites and have found nothing on these 2 rigs.

There is a mod for the 737A for out of band transmit and it involves
cutting a diode on the logic board. Drop me an E-mail and I'll
forward the info to you if your interested.

127. Re: ACC Controller Firmware in Public Domain??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: cnc23a@b4pph13e.bnr.ca
Message-ID: <3vr140$l8t@crchh327.rich.bnr.ca>
Source record: 214399

In article <3vqioq$suc@parsifal.nando.net>, mgillie@nando.net (Miles Gillie) writes:
|> ACC's answering machine says their firmware will sonn be available in
|> public domain. Has anyone seen this yet? They use Compuserve so it may
|> show up there first.
|>

If someone finds these, PLEASE post an FTP site these can by found !!!!

THANKS!!!!!!!!!!!!!!!!

--
==========

Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
(919) 991-4769 email: cnc23a@bnr.ca Ham: N4ZBB Packet: n4zbb@n1gmv.nc
DX PacketCluster (tm) Node : W4DW

All opinions are my own and do not necessarily reflect the views of
my employer or co-workers, family, friends, congress, or president.

128. Alinco DJ-180T Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: aq760@yfn.ysu.edu
Message-ID: <3vr393$pi8@news.ysu.edu>
Source record: 214400

In the instruction manual for my Alinco DJ-180T, it says
the unit can receive from 130-170 MHz. I can only get
144.00-147.99 MHz. Is there a way to enable reception
of more frequencies?

129. FBenterprises Web Page

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-03 00:00:00 UTC
From: radio@teleport.com
Message-ID: <radio.85.000C1EEF@teleport.com>
Source record: 214401

Just a quick announcement of FBenterprises new Web Page. FBenterprises sells Amateur Radio Publications, including Repeater Maps, and the full line of ARRL Publications (at a DISCOUNT!).

The URL for the page is:

http://www.teleport.com/~radio/ham.html

Thank you!

73!

Bob Martin N7JXN
FBenterprises

130. Re: Compaq Computer info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DCrEy4.581@iglou.com>
Source record: 214268

Harry Goeller (ABYA56A@prodigy.com) wrote:
: Ctl-Alt-Insert is another commony entry into Setup, my current Compaq
: requires F10 when the cursor moves to upper right corner.

: 73,

: Harry
: N4HG

Check with www.compaq.com. they have a help facility you can email to .
--
Steve
n4lq@iglou.com

131. Re: FTP site for latest version of SUPER MORSE ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: wasmir@dlep1.itg.ti.com
Message-ID: <wasmir.78.006E3F82@dlep1.itg.ti.com>
Source record: 214269

In article <3vglc8$7ms@newsbf02.news.aol.com> buddy10@aol.com (BUDDY10) writes:
>From: buddy10@aol.com (BUDDY10)
>Subject: FTP site for latest version of SUPER MORSE ?
>Date: 30 Jul 1995 15:08:56 -0400

>Where can I FTP the latest version of Super Morse from ? Please e-mail me.

>Thanks !

> Buddy10@aol.com (Scott Powell), Nickel dime shoeshine,don't let your
>meat loaf !

Hello. I got my SuperMorse Version 4.15 from a German FTP site which I can't recall anymore (that was last year). I have the zip-file copy of it and I can send it to you as uuencoded file if you wish.

73 de DU2BBH (Wasmir).

132. New 8500 ques

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: Scott Rider <scott_rider@ccm.jf.intel.com>
Message-ID: <3vrta4$ods@news.jf.intel.com>
Source record: 214270

I haven't been paying attention, can someone post a quick reply?

Is there a possibility of 800-950 Mhz receive on the new
Yaesu unit? Non-US version?

Thanks & 73s

KC7IQR Scott Rider scott_rider@ccm.jf.intel.com - FT-530 surgeon.

133. Re: Whats a good beginner HF radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: msl7k@virginia.edu
Message-ID: <DCrJpo.6uJ@murdoch.acc.Virginia.EDU>
Source record: 214271

In article <hmm-0108951847270001@192.0.2.1>, hmm@netcom.com (hmm) wrote:
>I am interested in getting an HF radio.
>I have my tech plus and am working on my general.
>
Congrats on your ticket!

>My biggest issue is MONEY.
>
Mine too!

>I have seen an HF radio advertised for $549 that puts out 50 watts, and
> has modules for 30 bucks a piece for the different bands.
>This isnt bad.
>
The rig is the Scout, made in the USA by Ten-Tec. I am going to order one tomorrow. The rig is not anywhere as nice as say a Kenwood TS-850 which is my first choice (had one a while back) but the Scout dosen't cost $1700.00 either. Keyer built in and 50W will be plenty for most all of your contacts. The next step would be a legal limit amp after getting your Extra! The rig is small and I kept getting my fingers between the VFO and the switches under it. Not a problem I can't live with. Good luck and let me know which rig you get.

Ed

>Other than that, the cheapest ive seen is around 800 bucks for an
> 160-10 radio.
>
>I dont really like the idea of buying used because alot of times you dont
>know what your getting.
>
>There are kits through ramsey, and a couple other companies (MFJ?) that
>are low power, and only a single band, but I dont know if these are any
>good.
>
>Does anyone have any suggestions?
>
>Any replies are greatly appriciated!
>
>Thanks!
>

134. Re: Are there any mods for a rx HTX-202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Aug4.034834.19289@grian.cps.altadena.ca.us>
Source record: 214272

rfisher@sky.net writes:

>morganp@fn1.freenet.edmonton.ab.ca () wrote:

>>Are there any mods that would be eassy to perform on the HTX-202 that
>>would allow me to receive out of band?

>NO!!! Anyone who tells you differently either does not know what he
>is talking about, or is trying to get you to destroy your HT. There
>are no mods for extending rx or tx ranges.

The radio was specifically designed so that it can;t be modified.
Several have been trashed in the attempt.

Like "rfisher" says, there are no mods available.
--

135. Re: MilliAmps = how many watts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: jerald@wrs.com
Message-ID: <jerald.807577077@wrs.com>
Source record: 214273

lloyd@cerritos.edu (Dennis Lloyd) writes:

>I figured somebody here would now this...

>What does 1000mA = in watts, through a 12V line. I'm trying t find out the
>startup in watts of a hard drive. I hope this is in the right form. The spec
>sheet says for 12V line startup power is 1000mA and for a 5V line it is 400mA.

>I know this is probably the wrong newsgroup, but I'm sure somneone here can
>answer for me...

The formula for power is p=vi
or
Power in Watts = Voltage * Amperage

So a 1000ma through a 12v line gives 12 watts.

You get the picture....
--
Jerald R. Pendleton (Jerry) - Tech Support Lead Engineer - Wind River Systems
Corporate Headquarters: 1010 Atlantic Ave, Alameda, Ca. 94501
email:jerald@wrs.com phone:1-510-814-2563 Non-WRS-email:pendleto@ix.netcom.com
"Can you paint with all the colors of the Wind?"

136. Kenwood 830S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: ab376@FreeNet.Carleton.CA
Message-ID: <DCrzop.LB3@freenet.carleton.ca>
Source record: 214274

I am looking for the Service Manual (not the Instruction Manual) for the
Kenwood TS 830S.

Any assistance would be appreciated.

Regards

Mike
--
##
Mike Ligeza Snr.- VE3UIL
Ottawa, Ontario
Canada

137. Ten-Tec Scout (555) Opinion Pse.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: msl7k@virginia.edu
Message-ID: <DCsBBA.CHu@murdoch.acc.Virginia.EDU>
Source record: 214275

I would like to hear your opinion on the Scout if you have used one.

Ed

138. TS440S & AEA PK-900 For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: kennyg@ix.netcom.com
Message-ID: <3vt196$sr1@ixnews4.ix.netcom.com>
Source record: 214276

Hi:
From the Cleveland, Ohio area, I am selling a Kenwood TS440S Xcvr and
an AEA PK-900 TNC.
If interested, either email me (KennyG@ix.netcom.com) or land-line me
at (216) 899-7962, ask for Ken.
Equipment in excellent condition and hardly used. No room for antennas
at my new residence (condo).
Ken

139. Problems with Kenwood TH-79a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: aldrich@his.com
Message-ID: <3vt8ca$7m5@news2.his.com>
Source record: 214277

I've been looking for an HT and had decided on the Kenwood TH-79A. The
local radio shop said they have had problems with this unit(unsure of
what kind of problems) and recommended the Yaesu FT51/31B. Are there
any unhappy 79A users out there?

Thanks for the feedback,
-Dan

Dan Aldrich aldrich@his.com
"Wine is Sunlight, held together by water"
-Galileo

140. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <3vtab6$a7r@solaris.cc.vt.edu>
Source record: 214278

> In article <3vhtrk$ebb@ixnews2.ix.netcom.com>,
> wd6dih@ix.netcom.com (Kevin Karamanos) wrote:
> >Calls to Advanced Computer Controls last week confirm that ACC is no
> >longer making Amateur Repeater Controllers. But, some limited numbers
> >of parts will still be available.
> >
> >It's sad to see them go away, since they make the best Repeater
> >Controllers.
> >
> >73's Kevin
>
> Hoo, boy is that flame-bait. I won't get too upset, but suffice it
> to say I am glad to see the well-deserved end to the ACC controller.

This is terrible! No "Be-doop?" No tag-team talking clocks? No reverse autopatch? Maybe now repeater installers will look again at the meaning of the word "repeater" and put their money into good radio performance instead of schmaltzy features.

-Mike KD4QDM

141. ALL FORDS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: jwc@col.hp.com
Message-ID: <3vtc0p$hrt@nonews.col.hp.com>
Source record: 214279

ontact FORD Service and ask for Ford Service Article "95-11-3".

This covers most Ford Lincoln-Mercury and Ford Light Trucks
&b Vans.

Shortening the grounding lead is most important part of process.

John, N0KIC

142. Re: GATES Battery book

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: "Brett Miller - N7OLQ"
Message-ID: <3vth0k$gsj@ornews.intel.com>
Source record: 214280

> probert@nspace.cs.ucsb.edu (Dave Probert) writes:
> I was dicussing battery charging with another ham, and
> he mentioned a book by Gates Battery company that he
> said was really helpful.
>
Here is a SLA fact sheet I put together from a variety of sources.

SEALED LEAD ACID BATTERIES FACT SHEET

CHARGING
========================
Quick Reference: Float: 13.65v
Cycle: 14.70v

Float Charge: 2.25v to 2.28v per cell (Power Sonic) 12v = 13.50 to 13.68
2.25v to 2.30v per cell (Yuasa) 2.275v/cell reccomended
Current: No limit (battery will only draw what it needs)

Cycle Charge: 2.40v to 2.45v per cell (Power Sonic) 12v = 14.40 to 14.70
2.40v to 2.50v per cell (Yuasa) 12v = 14.4 to 15.00
Current: Normal is 20% of capacity. Max is 25% capacity
Charge to 2.45v/cell (12v = 14.70v) until current drops to 0.01C
then switch to float setting.

A fully charged battery will rest at 13.5v to 13.8v

Equalizing Gell-cells is not reccomended

Sealed batteries do not vent. Venting implies damage to battery.

DISCHARGING
========================
Depth of discharge depends upon the load. If the load is small the voltage
should not drop as low. If the load is large the voltage can drop lower.

Discharge limits: at 0.1C - 10.7v
0.2C - 10.5v
0.6C - 9.7v
1C - 9.1v

Cycle service will provide about 1200 cycles at 30% depth of discharge(DOD)
Float Service will cause capacity to drop to 80% after 3.5 years, and 40%
after 4.5 years.
Battery will self discharge at about 3% a month. An idle battery should be
boosted every 9 months.

For current calculations based on capacity, keep in mind that older
batteries will not have the same capacity as the battery is labeled. This

is particularly important in calculating DOD.

TESTING
==========
BATTERY SHOULD BE AT REST FOR AT LEAST ONE HOUR.

CONSTRUCION
==========
GELL-CELL: Lead Calcium (Power Sonic) or Lead Antimony

CHARGED:ANODE:LEAD DIOXIDE, CATHODE:LEAD ELECTROLYTE:25% SULPHURIC ACID 75% WATER.
DISCHARGED:ANODE:LEAD SULPHATE, CATHODE:LEAD SULPHATE ELECTROLYTE: 5% SULPHURIC ACID, 95% WATER
TEMPERATURE: LOSES 20% CAPACITY AT 40F

Brett Miller - N7OLQ brett_miller@ccm.ut.intel.com
Intel Corp. CIS: 73370,3030
American Fork, UT

143. Re: M/C Helmet headset

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: 4z9chb@pc.4z7aba.ampr.ORG
Message-ID: <63640@pc.4z7aba.ampr.org>
Source record: 214281

Hi Roger,

I recently put a microphone and a speaker in a full-face M/C helmet for a cellular phone. I put the speaker inside the helmet close (but not too close) to the ear. I put the microphone near the mouth. I used a low sensitive mic to avoid noise of wind (the M/C is a very fast vehicle). All of this what connected to the cellular phone with a plug on the back of the helmet.

What you need for your purpose, is a vox unit to activate the HT to TX, unless your HT has a built in VOX (like Yaesu's HT's). Of course, you should tune the VOX mic to low sensetivity.

Hope it was helpful. Good luck.
73's, Ohad.
--
****
Ohad Miller, 4Z9CHB
Packet: 4Z9CHB @ 4X4HF.ISR.MDLE
InterNet: 4z9chb @ haifa.ampr.org
gt6011 @ junior10.technion.ac.il
Micro-Sats: 4X4HF @ UO-22, KO-23, KO-25
****

144. MilliAmps = how many watts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: lloyd@cerritos.edu
Message-ID: <1995Aug4.130211.1@vax.cerritos.edu>
Source record: 214282

I figured somebody here would now this...

What does 1000mA = in watts, through a 12V line. I'm trying t find out the startup in watts of a hard drive. I hope this is in the right form. The spec sheet says for 12V line startup power is 1000mA and for a 5V line it is 400mA.

I know this is probably the wrong newsgroup, but I'm sure somneone here can answer for me...

Thanks a bunch

Dennis
lloyd@cerritos.edu

145. Re: Ten-Tec Paragon or Paragon2

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: <>
Message-ID: <3vu1og$p5j@hearst.cac.psu.edu>
Source record: 214283

In <3vgtg8$kbt@ixnews6.ix.netcom.com>, kflash@ix.netcom.com (M) writes:
>I am considering buying a Ten-Tec radio. My choices are down to the
>Paragon and the Paragon2. There is a big cost difference between the
>two. I can find the paragon for about 1400.00 (used) and the paragon2
>is 2385 new. I was wondering if there was an appreciable difference
>between these two rigs that would make it worth it to spend the extra
>money? I operate some cw but mostly ssb. If anybody owns a paragon your
>impression would be appreciated. I can assume it is good gear because
>of the lack of availability of it on the used market. The reason I want
>either the paragon or the paragon2 is because of the general coverage
>receive, otherwise I would get the OMNI VI. Any comments are
>appreciated. I am considering MARS operation and would like to know if
>these rigs are MARS capable. Thanks

According to Ten-Tec, and you can call them at their 800 number to get the details, there are changes in the controls and in the loops. The specs are the same. The Paragon was reviewed in QST a few years ago. I don't recall the date, but Ten-Tec lists reviews in the letter they send with their information.

146. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: rodell@netcom.com
Message-ID: <rodellDCsuy1.1oq@netcom.com>
Source record: 214284

Mike Keitz (mkeitz@bev.net) wrote:
:
: This is terrible! No "Be-doop?" No tag-team talking clocks? No reverse
: autopatch? Maybe now repeater installers will look again at the meaning of
: the word "repeater" and put their money into good radio performance instead
: of schmaltzy features.

: -Mike KD4QDM

The feaures you disliked are options, and others like them. I like this diversity in our hobby. I've used ACC products for years, and used some, but not all, of the array of options they provided to me.

The ACC products worked, for the most part, and are incredibly reliable. In several of my systems, the controller provided a service unto itself, with critical telemetry, safety information, Civil Defense triggers, alert paging, automated skywarn call-ups and the like. Sure, you can do these things with any controller or simple COR set-up, but ACC made it easy, and gave me the time to attain 'superior' RF performance. If you think there's no challenge in running 8 machines and their links as a single individual, with over 17,000 square miles of coverage, even with controllers, you're mistaken. I have often arrived at a site (after a day long walk or an expensive 'copter ride) with the right part because the ACC controller gave me the information I needed to be prepared. Like anything in a repeater system, it is just a tool, a part.

I'm sorry to see them go, personally. I like Ed Ingber and I liked the way he treated me as a customer.

--

```
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
_/_/ Robert W. Odell (WA2WLH) Voice: (801) 536-4795 _/_/
_/_/ Salt Lake City, Utah,U.S.A. CP-ASEL, AMEL _/_/
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
```

147. Re: Ford Ranger Installation Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: jwc@col.hp.com
Message-ID: <3vtbl2$hrt@nonews.col.hp.com>
Source record: 214285

Contact FORD Service and ask for Ford Service Article "95-11-3".

This covers most Ford Lincoln-Mercury and Ford Light Trucks
&b Vans.

Shortening the grounding lead is most important part of process.

John, N0KIC

148. Re: DTMF ? What are the freqs' of the tones

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: Thomas May <71706.1432@CompuServe.COM>
Message-ID: <3vu6cg$ob7$1@mhafm.production.compuserve.com>
Source record: 214286

Jim,

DTMF is a combination of two tones for each key. There is a row tone and a column tone. The row tones are in the range of 770, 830, 940, 1040 and the column tones are around 1140, 1270, 1310, 1420. I am recalling them from memory, so DON'T take them as absolutes. The actual tone should be listed in the ARRL handbook, or on a datasheet for any number of DTMF chips available at your local Radio Shack!

Tom May
KA3GYI

149. Vancouver BC stores?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: Scott Rider <scott_rider@ccm.jf.intel.com>
Message-ID: <3vu6sm$ddf@news.jf.intel.com>
Source record: 214287

Leads, please, to ham radio retailers in Vanc. B.C.

Will be visiting in a few weeks and wanted to check some out.

73 de KC7IQR

Scott Rider scott_rider@ccm.jf.intel.com

150. Re: Ham-Radio-Outlet (HRO) FAX???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: Vincent JOUBY / Geneva-Switzerland <eole@iprolink.ch>
Message-ID: <3vtb69$11hs@badboy.iprolink.ch>
Source record: 214288

for that,

http://www.hamradio.com/stores.html

this is the W3 of Ham Radio Outlet.

73 HE9VGZ

--

ï¿½ ï¿½ï¿½ ï¿½
ï¿½ EOLE S.A. INTERNATIONAL TRADE ï¿½ï¿½ Vincent JOUBY ï¿½
ï¿½ P.O.BOX 77 ï¿½ï¿½ï¿½ ï¿½
ï¿½ CH-1213 ONEX-GENEVA ï¿½ï¿½ E-Mail : eole@iprolink.ch ï¿½
ï¿½ SWITZERLAND ï¿½ï¿½ ï¿½
ï¿½ ï¿½ï¿½ HAM Call: HE9VGZ ï¿½
ï¿½ FAX: +41-22 7931351 ï¿½ï¿½ ï¿½
ï¿½ ï¿½ï¿½ ï¿½
---

151. Looking for BUZ 332A specs/info.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: skulski@fermi.nsrl.rochester.edu
Message-ID: <1995Aug4.112218.1@fermi.nsrl.rochester.edu>
Source record: 214289
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Hi:
I have got a broken DC power supply, whose only problem
seems to be a blown BUZ 332A power FET transistor.
I tried to either buy such a transistor, or to find a replacement,
but weird enough I cannot find it in any catalog. I even asked
my friend in Europe to check it for me, but he could find
only BUZ 330 and BUZ 331. So, my questions are:

1. is there any US mail-order source, which would offer BUZ 332A?
2. what is the replacement for BUZ 332A (close replacement) ?
3. anybody knows the specs of BUZ 332A?

Please e-mail to skulski@nsrl.rochester.edu

Excuse me for taking bandwidth in this newsgroup. I could not
locate any other newsgroup dealing with electronic parts, this
one seemed to be the closest I could find.

Thank you in advance for info.

Wojtek

152. Re: Problems with Kenwood TH-79a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: XYEW04A@prodigy.com
Message-ID: <3vtml4$1694@usenetp1.news.prodigy.com>
Source record: 214290

>I've been looking for an HT and had decided on the Kenwood TH-79A. The
>local radio shop said they have had problems with this unit(unsure of
>what kind of problems) and recommended the Yaesu FT51/31B. Are there
>any unhappy 79A users out there?

Not here, I have had my TH79a(d) for several months now, not really had
any problems with it. I say not really because when attempting a mod I
goofed up something and had to get it fixed. No big deal. The only thing
is since the repair it occasionally switches bands (being a dual bander)
to other side. But I think that is more related to the
Mike/speaker/remote unit I have for it.

�rian �ergstrom [KE6SUS]
-
Madd Hatter @ Wonderland BBS ₀o₀ 1.909.597.4469
-= US Psion Files BBS =-

153. Re: Are there any mods for a rx HTX-202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: morganp@fn1.freenet.edmonton.ab.ca
Message-ID: <3vu16c$n7l@news.sas.ab.ca>
Source record: 214291

Victor Liguori (jaypvic@ix.netcom.com) wrote:
: In <3vegqo$ao4@alpha.sky.net> rfisher@sky.net writes:
: >
: >morganp@fn1.freenet.edmonton.ab.ca () wrote:
: >
: >>Are there any mods that would be eassy to perform on the HTX-202 that

: >>would allow me to receive out of band?
: >
: >NO!!! Anyone who tells you differently either does not know what he
: >is talking about, or is trying to get you to destroy your HT. There
: >are no mods for extending rx or tx ranges.
: >
: >73,
: >
: >Rodney, KB0SPZ
: >
: >
: **

: >GOOD ANSWER RODNEY,
: >THAT IS TRUE. THERE WAS A LOT OF DESIGN EFFORT PUT INTO THE RADIO TO
: >MAKE IT SO. THERE IS NO BETTER WAY TO SAY WHAT KB0SPZ SAID SO IF YOU
: >NEED TO HAVE A RADIO WITH A LOT OF OUT BAND GET A DIFFERENT RIG. I
: >ALMOST NEVER USE OUT OF BAND RX EXCEPT ONE FREQ. BEFORE YOU MOD A
: >RADIO, MAKE SURE YOU REALY NEED IT.

: VICTOR N2NMN
Well there was one person who said that you can get out of band receive
by duct taping a scanner onto the radio, sounds good to me.

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo---

154. Re: Drake R4C crackle

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: w8fn@aol.com
Message-ID: <3vulag$b2k@newsbf02.news.aol.com>
Source record: 214292

Came to this late. You're probably running into a bad 6EJ7 3rd mixer tube. This is a common problem with the R-4C. It's mostly a "frying bacon" sound on the several copies of the receiver I've had here. Years ago (early 80s) Howard Sartori, W5DA, made a solid state replacement for the 6EJ7 that eliminated the problem and I installed those in my receivers. I'm sure these are impossible to find now, but it may be worth looking around. If you just replace the tube it's also a good idea to do Sartori's 3rd mixer rewire job. E-mail me if you would like to arrange to get copies of his mods; I have an extensive file of R-4C mods and have done 'em all to my receivers and to other folks receivers as well. Modified C lines were the standard outfit amongst contesters well into the mid-1980s. Good luck & 73...

Randy Farmer, W8FN
w8fn@aol.com

155. Re: M/C Helmet headset

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: woody1@teleport.com
Message-ID: <3vufnj$ntq@maureen.teleport.com>
Source record: 214293

In article <DCLyMq.B6n@iquest.net>,
rogersmith@iquest.net (Roger - N9PMC) wrote:
}I'm interested in designing/converting a mic/earphone system for my
}full-face motorcycle helmet. I've got an Alinco DJ-180 HT. I tried using
}Alinco's lapel/earplug VOX set-up but it proved too mic sensitive even on
}PTT and too earphone weak for anything above 30 mph.
}
Roger,

I have a set of helmets that I have installed an intercom system on made by "Chatter Box". This is a hardwire system and uses VOX between passenger and driver. There is also a plug-in for AUX sound like a stereo or tape player.
I dont see why you couldn't run the speaker to the AUX and wire in an double male ended audio cord for the input side of the mic. With the wind socks over the mic's I hear no wind noise in the audio.

I use partial helmets so if your using full facial this may be a little different.

73's

Brian
Salem, Oregon
KC7LWZ

156. Re: 2m/440 Mobile Radio Recommendation?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: woody1@teleport.com
Message-ID: <3vuft3$ntq@maureen.teleport.com>
Source record: 214294

In article <3vo47t$22q@ixnews4.ix.netcom.com>,
longtran@ix.netcom.com (Long A. Tran) wrote:
}Hi All,
}
}I'm planning to get a dual band mobile radio. Any recommendations
}will be appreciated.
}
}Thanks in advance.
}
}73 KE6HGI
}
Im happier than a pig in mud with my Standard C558A HT. Audio is
excellent and out of band RX is good too. Yeasu stuff seams to fit
it. It'll scan cellular if your into that stuff.

Brian
Salem, Oregon
KC7LWZ

157. *** STOLEN RADIO ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-04 00:00:00 UTC
From: Bill.Lawrence@f2801.n206.z1.fidonet.org
Message-ID: <46e_9508091144@woodybbs.com>
Source record: 214295

To: clint.bradford@wem.org (Clint Bradford)
Subject: *** STOLEN RADIO ***

CB>From: clint.bradford@wem.org (Clint Bradford)
CB>Subject: *** STOLEN RADIO ***
CB>Organization: World Evangelist Ministry (310) 398-7804

CB>From: clint.bradford@woodybbs.com (Clint Bradford)
CB>Path: holonet!colossus.holonet.net!wwswinc!clint.bradford
CB>Distribution: world
CB>Message-ID: <93.2056.7583.0NFBAC22@woodybbs.com>
CB>Date: Sat, 29 Jul 95 13:40:00 -0500
CB>Organization: WoodyWare Software, Inc. - 516-736-6662

CB>Subject: *** STOLEN RADIO ***

CB>>>Stolen from my car on 7-11-95...

CB>A real irritant, Garth.

CB>Does your Homeowner's insurance cover the loss? Or your auto insurance?

CB>If not, please consider the ARRL's equipment insurance plan. Quite
CB>inexpensive, and it's "current-day replacement cost" (YOU set the
CB>prices).

CB>And, of course, we ALL should be engraving our states' driver's license
CB>numbers on visible, exterior panels - as well as hidden inside
CB>locations.

And, of course, if we do engrave our state drivers license number on
visible outside panels, we destroy the "Mint" condition and salability
of that unit forever... ;*(
---
* OLXWin 1.00a * URA Redneck if you think "The Dukes of Hazard" was a real
life
--
|Fidonet: Bill Lawrence 1:206/2801
|Internet: Bill.Lawrence@f2801.n206.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

158. NEW HAM RADIO REMOTE CONTROL PRODUCT OFFERED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: Marshall Craw <mcraw@halcyon.com>
Message-ID: <Pine.ULT.3.91.950805064627.19432A-100000@chinook.halcyon.com>
Source record: 214202
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

I am pleased to announce a new product offered by Positive Time Systems called the RCS-I. This is a radio controller that connects to any VHF/UHF transceiver and can issue x-10 commands. (X-10 is a power line standard for controlling devices throughout a building. Sears, Radio Shack, and others offer these compatible units)
The unit also has an alarm input, a listen feature, a short voicmail box, and responds to all commands in a pleasant female voice. The system IDs with your recorded voice and call sign. This description doesn't do the product justice, so please check out the new homepage at :

http://www.halcyon.com/pos.time.sys/top

or you may email us with you address so that we can promptly send you our brochure and newsletter.

NOTE: This product is intended for US voltages of 120 / 220 VAC. Another version will be offered to support other international power standards. Email for more information.

Thank You,

Marshall Craw <mcraw@halcyon.com>
Positive Time Systems
North Bend, WA

159. yaseu FT-411e

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: aja@ag.net
Message-ID: <4005hj$iko@agis.ag.net>
Source record: 214203

I was wondering if htere is any way to modify my Yaseu HT to open up
the band width on it

160. Re: Best way to ground 2nd story shack help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug5.164413.10998@ke4zv.atl.ga.us>
Source record: 214204

In article <herbrDCq5ty.146@netcom.com> herbr@netcom.com (Herb Rosenberg) writes:
>I am force to have my shack (HF & VHF) loacted on the second floor on a 2
>story house. MY water pipes are a mix of copper and PVC, and I am
>looking for the best method to provide a good ground system.
>
>I have purchased some of the copper foil (Gordon West stuff), but if I
>run that from my shack to an earth ground outside, it will probably be a
>50-60 foot run. Is this ok, or is there a better way to do this?
>
>I am very concerned about creating TVI / RFI, plus I want to have the
>best ground possible under the circumstances. I would appreciate hearing
>from anyone with any suggestions / comments on the best way to approach
>this.

Ok, Herb, you aren't going to get a good RF ground connnection to
Earth in your situation, but then no one does at VHF/UHF where a
1/4-wave is only 19 inches or less. An RF ground rarely does anything
for you in regard to TVI/RFI anyway (except sometimes making the problems
worse). You need to deal with that at the source, IE make sure your
transmitter doesn't emit any, and use balanced antennas that don't
need to work against Earth so that you won't have a "hot" shack.

The only reason you need an Earth connection is for lightning protection.
Since the bulk of lightning energy is under 2 MHz, a relatively long
run to Earth isn't much of a problem, as long as you keep the inductance
of the run low by avoiding sharp bends and the like, and practice single
point ground window technique where the cables enter the shack.

If your HF antenna is a vertical monopole, or a longwire, IE inherently
unbalanced with respect to Earth, then you may have some problems. If
you're using a ground mounted vertical, put your ground field under
that. If it's a longwire, you may need to run a counterpoise wire.
If you're using something balanced like a dipole or a beam, don't
worry about it. It doesn't need to work against Earth anyway.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

161. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: screa@aol.com
Message-ID: <400dnh$nc2@newsbf02.news.aol.com>
Source record: 214205

I'd just like to add that I have been overwhelming pleased with the performance of my ACC rc-96 controller. All of the bells and whistles are what make our repeater so much fun. I too, will be sorry to see them go.
screa@aol.com

162. Kenwood R5000 gets HOT!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: Lord GAD <73110.250@CompuServe.COM>
Message-ID: <400dfu$61b$1@mhadg.production.compuserve.com>
Source record: 214206

To any and all!

I have just purchased a Kenwood R5000 receiver. I must say its a great radio. My question is this. How hot should this thing get? I have the VHF converter installed and when the radio has been on for about an hour, the case is so hot you can barely leave you hand on it. Anyone know if this is normal?

--

His eminence, Lord GAD

163. Intermod rejection (was Re: 2m/440 Mobile Radio Recommendation?)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <400pi8$t4f@solaris.cc.vt.edu>
Source record: 214207

In article <3vrb7m$ihd@news.MillComm.COM>,
lmenzel@millcomm.com (Larry Menzel) wrote:

>1. Is there a lot of intermod sources around your primary use area? If
>so, forget Yaesu, their front end is like a seive.
>
>2. Do you need a removable front panel for mobile use? If so, check out
>the Kenwood TM733 or higher. Good rigs, good front end, and handy.
>
>3. If detatchability is not important, and you are only going to use it
>in the car, the best buy on the street today is the Icom IC2340. Great
>intermod rejection, 50/35 watts, lots of features and the best price
>available...I bought mine from Radio City in Minneapolis--$539
>
[snip]

Are manufacturers or reviewers ever going to quantify "intermod rejection?"
They may quote "spurious and image signal rejection, and this is a
useful figure, but it is not intermod. About all they say about intermod
is "Unsurpassed" or "Legendary" or maybe "Excellent", which of course
should mean nothing to we science-minded hams.

My proposed test for "intermod rejection" of VHF/UHF FM receivers:

*Determine first IF frequency of receiver being tested (fIF).

*Connect a FM signal generator and a CW signal generator to the antenna
input through a power combiner.

*Tune receiver to a frequency near the center of the ham band it is
intended to cover.

*Set one signal generator fIF/2 below tuned frequency and one fIF/2 above.

*Turn up amplitude from both generators (equally?) until receiver quiets to
a certain level.

*Do conventional sensitivity test (with one generator only) on the intended
frequency to the same quieting level.

*Publish difference in levels between intermod signal and desired signal as
"intermod rejection".

As an alternate, setting both generators somewhere above the ham band, but
still spaced fIF apart, may be more representative of the typical usage
with strong commercial signals above the ham band. The + - fIF/2 seems
like it could be a worst case involving various intermod products from the
LO as well.

I realize this test may not be perfect, but it will always come up with a *number* rather than an opinion! It seems that anyone with access to two reasonably well-calibrated signal generators coud do it. It may not prove anything (the actual frequencies that cause intermod problems will vary with IF frequency, thus one receiver with a better specification may do worse than another in a praticular situation), but overall a receiver that does better in this test is likely to generate less intermod than one that does poorly.

Unfortunately, building a receiver to perform well in this test will impose problems with other desired features, such as wide frequency coverage, low power, small size, and low cost, but that is the choice you make, and/or a challenge for the engineers. It seems that low power is not a major problem with mobile equipment, and many of us would do away with wideband reception capability if undesired reception were minimized.

It is also important to note that this test is only for intermod generated within the receiver, much of the undesired signals heard are generated at the transmitter site, and go over the air in the amateur band. These funny noises are "intermod", but they can't be dealt with at the receiver other than by reducing the sensitivity, or in some cases, the IF bandwidth.

Any comments? Has this all been done before?

-Mike KD4QDM

164. Using PC/SoundBlaster as Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: jnewgas@cix.compulink.co.uk
Message-ID: <DCuzrE.1sA@cix.compulink.co.uk>
Source record: 214208

Have you come across any software to allow a PC with a Sound-Blaster card
to serve as a simple Simplex Repeater.

John N.

165. Re: Amateur (jerks) Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DCvAw2.99F@world.std.com>
Source record: 214209

horrock@aol.com (Horrock) wrote:

:>>I know that HRO employees are on the net.

I know for a fact there are.

:>>Has anyone called up HRO to order anything recently and asked them
:>> about it?

No.

:>Well as far a HRO goes, in one of their stores they had to move all their
:>Repeater Pocket books behind the counter because too many of those
:>small pocket books were being stolen (must be those scanner people -
:>hihi).

Funny how the little items grow legs sometimes.

:>The point is that there more sides to the story then that being given
:>here. In fact the best thing an AES or HRO person could do that reads this
:>thread is to say nothing, else he/she would be a target.

"Nothing."

:>HRO in Virginia has treated me the same. In fact the guys behind the
:>counter hear about how well my dog was trained that they asked me to
:>bring her in and "DEMO" to then a well trained dog. Now that's down
:>right personable. Again, what more could someone want? If you want to
:>be a pen-pale to an AES or HRO sales guy, catch them on packet!!!

On packet?!?!? Huh?

Anyway, you can please some of the people all the time, almost all of
the people some of the time, and a few people not at all.

Regards...
==========
Jim Martin, WK1V | I speak for no one....not even myself.
Lowell, Massachusetts |
USAF(Ret) 1973-1993 |
Ex-KB1LW-N1CLS-KA5MWD-HL9ZF |
==========

166. PMR2000

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: verdun@eagle.ais.net
Message-ID: <400lle$jri@news.ais.net>
Source record: 214210

I recently picked up around 10 Motorola PMR2000's. I want to set these up
for our local ESDA group as emergency pagers. Does anyone know much about
the actual workings of these? The freq is 462.2500...and on the back it's got
Source Address Type Priority
1 0004331 V
2 0004332 V *
3 0004337 A
4 0004338 A *

I want to set these pagers up so they can monitor 462.2500..then when I
send a specific tone this pager will activate and monitor 462.2500 for
any special voice traffic.

Can anyone help?

167. Re: Link Communications - RLC-3 REPEATER CONTROLLER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: bill.thomas@mogur.com
Message-ID: <9508051948441443@mogur.com>
Source record: 214211

```
This message was from leon@gate.net (Leon D. Zetekoff) to ALL
and was forwarded to you by BILL THOMAS
---------------------------------------
From: leon@gate.net (Leon D. Zetekoff)
Subject: Re: Link Communications - RLC-3 REPEATER CONTROLLER

Richard R. Colwell (WA3QKX) (rrc2@engrng.pitt.edu) wrote:

: Looking to form a group of user for the Link Communications Controller. I
: have the RLC-3 and would like to communicate with other user.

Rich: Our group has a RLC-1 (now used as a standby) and an RLC-4.

Leon WA4ZLW
---
* QMPro 1.53 * MIXED EMOTIONS - When your daughter gets A in Sex Class
```

168. 1995 Toyota Camry-RF problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: Burton Stein <bstein@world.std.com>
Message-ID: <DCtErr.5u3@world.std.com>
Source record: 214212

I have recently installed standard 5608 with diamond 7900 antenna.
I light up the rear light warning signal on the dash when modulating with
high power on 2 meters. Powered direct to battery. Help pse.

169. HTX-404 mods for 9600 baud.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: steveholden@ka7pyp.ampr.ORG
Message-ID: <2212@ka7pyp.ampr.org>
Source record: 214213

Hi Everyone! I'm looking for the modifications for a HTX-404 from Radio Shack. I want to modify the radio for 9600 baud packet use.
Any help appreciated.

73, Steve.
------------------------------ CUT HERE ------------------------------
Steven P. Holden
Amprnet - ka7pyp@uugate.ampr.org - ka7pyp@ka7pyp.ampr.org
- ka7pyp.ampr.org 44.40.1.61
Internet - steve.holden@sharecity.com

170. Re: Any Experience with JRC JST-245?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: killer@lorien.creol.ucf.edu
Message-ID: <3vun4i$hm0@news.cc.ucf.edu>
Source record: 214214

Fred Langeneckert (fred@Walden.MO.NET) wrote:
: On page 183 of the July edition of QST Gilfer Shortwave has an ad for the
: JRC JST-245 HF/6 meter transceiver. I am also considering the Icom
: IC-736, and have read the QST review on it, but I can't find anyone with
: experience on the JRC rig. Any words of wisdom?

: Fred, KE0ZG

I also thinking to buy JST-245 or IC-736 or IC-775. Want to hear real
experiences. (To me, the IC740 looks real toy when I saw the 775 at local
AES store) Regards,

--
Kijun Park - killer@lorien.creol.ucf.edu, http://www.creol.ucf.edu/~killer
Center for Research and Education in Optics and Lasers - CREOL
University of Central Florida, Orlando, FL 32826
407-658-6865(Lab), 407-658-6880(Fax), 407-382-7219(Fax) de HL2AMO k

171. Hallicrafters S-40B - HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: mkirwan@ccnet.com
Message-ID: <3vuq5l$b2r@ccnet2.ccnet.com>
Source record: 214215

I have a great Hallicrafters S-40B, problem the string (sorry not technical) connecting the main tuning dial to the capacitor
just broke. Can anyone help with a threading diagram and tips to ensure it stays in tune.

I am not a techie but I use this wonderful machine to listen to the BBC.

Thanks

Mike Kirwan
tel: 510.682.7836
fax: 510.686.9159
E-Mail: mkirwan@ccnet.com
----

172. Re: 1995 Toyota Camry-RF problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <3vv8rj$7b4@ixnews3.ix.netcom.com>
Source record: 214216

Contact Toyota Tech support. Get the number from your dealer. They were very helpful with me.

Jim WB6LWS in Pacifica, CA

173. Modifying a Yaesu FT-101b for 17meter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: joe@westonia.com
Message-ID: <DCtI1I.5y9@westonia.com>
Source record: 214217

The Yaesu FT101b has 11 meter capability based on the old structure of the Amature radio bands of the time.

Is it possible to modify the unit for 17 meter operation.

Likewise it is capable of 10Mhz recv only, with coverage of the 30 meter band. The transmit may not be possible (or is it ?) but does anyone know how to incorporate a standby function into the system. It supports breakin internally, but I've seen nothing else that would indicate a safe way of having the recvr protected during xmit.

Thank

VE3FMQ

174. Re: Handheld speaker mics? Yaesu? Ge

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: Mark.Stabryla@f17.n275.z1.fidonet.org
Message-ID: <457_9508061719@woodybbs.com>
Source record: 214218

DL> I know that Yaesu has the MH-29A2B, but if it sounds anything like
DL> this one then it would DEFINATELY not be worth it. What about the 32?
DL> How is it's audio? What buttons does the 29 have on top of the unit? I
DL> can see what it has on the front of the display form the brochure, but
DL> can only barely see what is on the side and top. WHat buttons does the
DL> 32 have on it? Are the speakers comparable between these two?

Drew, I use the MH-29A2B on my FT-530. It works very well and is worth
every dime I paid for it. There are two buttons on the top - one is DOWN
and the other is UP. This is to change freqs - either from the programmed
memory presets or in the step increments defined in the individual HT.
The four buttons on the front CALL, VFO, MR and USER are as follows:
CALL - quickly recalls a user selected freq. Might be 146.52 or
whatever other one you use a lot.
VFO - used for going to the separate vfo(s) built into the individual HT.

MR - Memory recall; used for getting back to the programmed memories
from the separate vfo(s). Has other functions depending on the HT
used with it. I am unaware of the FT-51 operation with this button.
USER - This is factory set to switch between bands. I think that it can
be changed to whatever the user wants it to be for. This is from
memory since I can not find the info that came with the 29A2B
right now.
On the side of the mic there is the PTT button and a LAMP(function)
button. Hope this helps you out.

ddnp75a@prodigy

... MONEY TALKS ... but all mine ever says is GOODBYE!
~~~ ReneWave v1.00.wb2 (unregistered)
--- GEcho 1.00
Origin: Death Connections Pittsburgh, PA {412}276-8210 (73:2201/2)
--
|Fidonet: Mark Stabryla 1:275/17
|Internet: Mark.Stabryla@f17.n275.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.
~~~

175. Intermod: Standard Better?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <3vvj7v$heh@newsbf02.news.aol.com>
Source record: 214296

I hear that Standard dual-banders do a better job in the intermod rejection dept...is this true? I'm looking for a dual band HT (considering the 51r or the Standard 558/568), but better intermod performance would be a top priority. I don't expect "intermod-proof" but every bit helps. Any thoughts/comments are appreciated. 73's Mike KS4DA

176. Re: Icom service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DCu7zJ.FDK@eskimo.com>
Source record: 214297

In article <3vksrk$q4l@ixnews5.ix.netcom.com>, jastorm@ix.netcom.com says...
>
>I recently sent an Icom W21AT HT for service. Most of the problems were
>due to many hours of carrying it on my belt. A missing PTT button, TTP
>worn to where it couldn't be read and some buttons that no longer
>worked, screws missing, etc. They replaced the TTP, replaced the missing
>screws, replaced the PTT button, and checked all other things like power
>out, deviation, audio, etc. They were nice enough to send me an estimate
>via email as I had requested, which expedited the repair and return of
>the radio. The total cost was less than the cost of a single battery for
>the radio, of which I have two. Oh, and they cleaned the whole thing
>inside and out.
>
>I have to compliment Icom factory service. They did a nice job and I now
>have a radio that looks and works like new.
>
> Jim WB6LWS in Pacifica, CA
>
>
>>
I must agree. I once had a mike go bad for my old IC-730, and living near
them, went in to get a new one. The mikes were no longer available, but the
parts people prowled around until they found a replacement element, which
they charged me about $10 for -- less than the cost of their time looking
for it, I'm sure. The 'ol 730 is still purring along.

73, Bill W7LZP
wrt@eskimo.com

177. Re: Dentron tuner (instruction / pay too much

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: jrovero@q.continuum.net
Message-ID: <3vvp3i$81g@news.continuum.net>
Source record: 214298

In <3vs1np$i65@newsbf02.news.aol.com>, steve6920@aol.com (Steve6920) writes:

>The only rule of thumb is the lower the letter setting on the bandswitch,
>the more inductor you are switching in and the lower the operating
>frequency.
>

The MT-3000A does not follow this convention. Letter 'A' is the minimum
inductance, 'R' is the maximum.

P.J. "Josh" Rovero work: provero@connix.com
Ocean Surveys, Inc. play: jrovero@q.continuum.com
Old Saybrook, CT 06475 USA Amateur Radio: KK1D

178. Re: Whats a good beginner HF radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <3vvrs9$b8m@vivanews.vivanet.com>
Source record: 214299

hmm (hmm@netcom.com) wrote:
: I am interested in getting an HF radio.
: I have my tech plus and am working on my general.

: My biggest issue is MONEY.

: I have seen an HF radio advertised for $549 that puts out 50 watts, and
: has modules for 30 bucks a piece for the different bands.
: This isnt bad.

You're talking about the TT Scout. While the Scout has gathered fine reviews, once you add in the cost of the band modules, power supply, etc, you're right back in the range of other new 100W HF rigs, which will come with additional useful and not-so-useful features. While the Scout makes a fine mobile rig, you can do better for a home station.

: Other than that, the cheapest ive seen is around 800 bucks for an
: 160-10 radio.

: I dont really like the idea of buying used because alot of times you dont
: know what your getting.

As a beginner, I would HIGHLY recommend purchasing a used rig, with the help of a knowledgeable friend. I know several people who started out in amateur radio by purchasing thousands of dollars worth of new equipment, only to have it gathering dust a year later. Spend $300.00 on a used rig, and find out if you are REALLY going to want to stay in the hobby. If you are, you can sell the rig and typically will be able to get all of your money (or more!) back. The best thing to do is to find a local club and make some friends who will help you out. Several of the local people here in Rochester loaned me spare rigs for extended periods of time, for which I am eternally grateful. :-)

: There are kits through ramsey, and a couple other companies (MFJ?) that
: are low power, and only a single band, but I dont know if these are any
: good.

Stay away from Ramsey. Their kits are generally poor performers, unless you have the knowledge and willingness to do a lot of redesign work on them. The MFJ QRP rigs are fine performers. Generally, QRP isn't recommended for beginners, because it often takes more work to establish contacts. Personally, I started out with QRP because of monetary considerations, and have been working with less than 2 watts ever since. :-) Be warned that if you go that route, you'll need the space and ability to put up a decent antenna.

If you want to try a kit, I would recommend subscribing to the QRP Listserver. Send mail to majordomo@lehigh.edu. In the body of the text, put SUBSCRIBE QRP-L < your name >. Be prepared for lots of messages. :-) Generally, the list discusses everything from antennas to kits, to the weather in Dayton. :-)

Good luck!

- Rich

179. Re: Ten-Tec Scout (555) Opinion Pse.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DCuA4t.IBF@mv.mv.com>
Source record: 214300

In article <DCsBBA.CHu@murdoch.acc.Virginia.EDU>, msl7k@virginia.edu (Melissa or Ed Lang) says:
>
>I would like to hear your opinion on the Scout if you have used one.
>
>
>Ed

I've had the Scout since Christmas 1993 and its a fine rig! I operate mostly SSB these days and have received many signal reports commenting on the fine quality audio. Occasionally I operate CW using the builtin iambic keyer and have received excellent reports
on signal as well.

During this low sunspot cycle I have worked quite a few DX stations during pileups. This may
sound surprising with only a dipole antennas and 50w of power but I've cut through some pileups.
I attribute it to the Scout and possibly the antennas I've constructed.

Excellent rig, easy to operate, most affordable HF rig on the market today!

73 de Bryan - Ka1fqt

180. Info sought on Ten-Tec

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-05 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DCuA9H.IH1@mv.mv.com>
Source record: 214301

I am looking for any Internet or BBS information on Ten-Tec. Have they obtained internet access yet in the form of an FTP site or a Web page?

I am also interested in knowing what new rigs may be coming forth from Ten-Tec. Unfortunately there was no Ten-Tec representation at the recent Northeast Hamvention in Manchester, NH.

Thanks for any info!

73 de Bryan - KA1FQT

181. Re: ss-9000 manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: Neil Bradley <nbradley@aloha.com>
Message-ID: <4022do$gld@news.aloha.com>
Source record: 214219

Thanks for the attempt, but I was able to obtain a copy from another amatuer here on the net.
Please don't go to any effort as the solution has been obtained.

Neil N3MYS

182. Injection Oscillator

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: cingersn@bdam.win.net
Message-ID: <28@bdam.win.net>
Source record: 214220

In a reply to a question I recently posted on packet, a gentleman
told me that by padding the crystal in the "Injection Oscillator"
in my YAESU FT-901DM, I could squeeze enough extra coverage to be
able to use 4.045 MHZ for MARS.

Does anyone know what is meant by the "Injection Oscillator"?? I
have looked over the schematics and digrams several times and have
not seen such an oscillator shown.

Please send replies by e-mail

73 de Carl N1DXM
cingersn@bdam.win.net

183. RE: *** STOLEN RADIO *** ENGRAVING service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: randyrho@drycas.club.cc.cmu.edu
Message-ID: <4015ae$2ei@nntp.club.cc.cmu.edu>
Source record: 214221

In Article <93.2056.7583.0NFBAC22@woodybbs.com>
clint.bradford@woodybbs.com (Clint Bradford) writes:
>Subject: *** STOLEN RADIO ***
>
>>>Stolen from my car on 7-11-95...
>
>And, of course, we ALL should be engraving our states' driver's license
>numbers on visible, exterior panels - as well as hidden inside
>locations.

Here's the deal (FWIW). I'll diamond engrave your HTs clip or
removable plastic anything with my new computer engraving
machine for $1.00 + shipping. If interested, email me at:
RANDYRHO@DRYCAS.club.cc.CMU.edu

Thanks,
Randy

P.S. I do badges signs and project front pannels to.

184. Re: Icom service depot?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <4016a1$o1i@ixnews5.ix.netcom.com>
Source record: 214222

Icom America
2380 116th AVE, N.E.
Bellevue, WA 98004
(206) 454-7619

They repaired my HT recently and did an exellent job at reasonable cost.

Jim WB6LWS in Pacifica, CA

185. Antique Radio Meet (WNY Buffalo area)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: ar286@freenet.buffalo.edu
Message-ID: <DCvHvz.CoB@freenet.buffalo.edu>
Source record: 214223

Niagara Frontier Wireless Association
Antique Radio Swap Meet
August 12 1995
Amherst Museum
8:30 AM - 3:00 PM

This is a joint meet with the A.W.A. All are invited, to enjoy this
yearly summer meet on the grounds of the beautiful Amherst Museum,
located in suburban Buffalo NY.

Contest catagories are:
1 Novelty Radios
2 Multi Box Radios
3 Any Speaker (horn or cone)
4 Homebrew Radios
5 Radio Advertising
There will be 2 auctions:

A donation auction
80 lots from the collection of John Meyers
who is no longer with us.

Our speaker will be Bruce Kelley (AWA) topic Enigma Machine.
The N.F.W.A. museum exhibit will also be open. Coffee,donuts
soda and hotdogs are available during the meet.

FEE: $3.00 No extra fee to sell!!!!!! Spouse $2.00
This fee includes all museum displays for the day.

Directions: Fron NYS Thruway (Buffalo) take exit 49 take RT 78
(Transit Rd.) north 9 miles. Turn west on
Tonawanda Creek Rd. and continue for 2 miles
to New Rd. YOU ARE THERE. Motels at exit #49.
for more info call Larry Babcock 716-741-3082
or E-mail here ar286@freenet.buffalo.edu

--

186. Re: Zenith 3000-1 AM oscillator

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: stc@io.com
Message-ID: <401eer$f0s@anarchy.io.com>
Source record: 214224

In article <3v9p75$i2b@chopin.bcit.bc.ca>, Colin Schmutter says:
>
>I have a Zenith Royal 3000-1 in which the AM oscillator will not oscillate
>on the 16, 19 and 25 meter bands (the 3 highest frequency bands).
>
>I have tried substituting the oscillator transistor but the symptom
>remains the same.
>
>Has anyone else had this problem and could suggest a fix?
>
>Any help would be appreciated.
>
>Colin
>
>cschmutter@bcit.bc.ca
>

Try the >>>> rec.antiques.radio+phono <<<< newsgroup. You will find a
group of collectors who specialize in restoring older radios such as
your R03000.

Gary Hutto, Texas - near Austin (garyposs@bga.com)

---

187. WTB: Old mechanical calculators

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: phillip.sherrod@nashville.com
Message-ID: <0000059800001D17@nashville.com>
Source record: 214225

I am interested in purchasing old electro-mechanical calculators such as the ones made by Frieden, Marchant and Monroe from the period of the 1940's through the late 1960's. These calculators did all of their computation with mechanical gears (but were motor driven) rather than using electronics. What I want is one of the more advanced ones that did multiplication and division as well as addition and subtraction.

I am also interested in other old calculating devices such as Curta calculators and slide rules.

If you have an old calculator of this type collecting dust in a closet, and it still works, please send me an e-mail message.

Phil Sherrod (phil@sandh.com)

188. Alinco DX7 vs FT900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: r.lawn@mail.utexas.edu
Message-ID: <r.lawn-0608951226200001@slip-33-8.ots.utexas.edu>
Source record: 214226

I am in the market for a new rig and would like to hear feedback from
users of the new Alinco DX 7 and the Yaesu FT900.

Thanks

Rick

--
Rick Lawn
r.lawn@mail.utexas.edu

189. Re: Alnico DX-70

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: r.lawn@mail.utexas.edu
Message-ID: <r.lawn-0608951228550001@slip-33-8.ots.utexas.edu>
Source record: 214227

Dean,

I am very interested in your opinion of this new rig. I considering buying
either it or the Yaesu FT900. How does it hear?? Is it very selective?
Thanks for your comments.

Rick

In article <199508021432.HAA27706@gn2.getnet.com>, dnorris@gn2.getnet.COM
(Dean Norris) wrote:

> I just purchased an Alinco DX-70 and wonder if there is a mod to expand XMIT
> range??
>
> TIA
>
> Dean, K7NO
> ////////////////////////////////////
> / ditdahdude K7NO /
> / dnorris@getnet.com - 71572.2126 CIS /
> / _____ /
> ////////////////////////////////////

--
Rick Lawn
r.lawn@mail.utexas.edu

190. Re: Whats a good beginner HF radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DCwEzK.5L@mv.mv.com>
Source record: 214228

I have owned a Ten-Tec Scout since they first came out and have enjoyed it tremendously. I have had my ham ticket for 15 years and $$ are also a big consideration in my household. I cannot afford a mid to high end HF rig, but would love to have one!

The Scout's performance and features are perfect for a beginning ham. There are some used ones on the market now. Check Amateur Radio Trader (800)77-HAM-AD. It comes out twice a month and you can usually find some free copies being distributed at hamfests and direct mail.

As far as the cost of the Scout goes, the base cost is probably what catches most people's attention. Who can beat $549? You can purchase another regulated power supply for less money. Nobody says you have to stay with the same company for accessories. I bought some band modules and an 11Amp power supply at a ham flea market months before I received my Scout. It took some patience and planning but it paid off.

With the Scout you may buy only

73 de Bryan - KA1FQT

191. Yaesu FT-900 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: girard@panix.com
Message-ID: <403044$2og@panix.com>
Source record: 214229

I have a Yaesu FT-900 AT which I like a great deal; I've had it 2-3 months.

When I bought it I took my older FT-757 out of service and finally sent it to Yaesu for some small repairs. While it was out of service I was using the FT-900 but when the 757 came back I put it in service to try it out. It worked fine, and I packed it up to keep it as a secondary rig.

I then put the FT-900 back at my operating position, plugged it in to its various connections and turned it back on. Ever since that moment it cannot be used on MOX or VOX, only PTT. If I try MOX or VOX the rig turns itself off the moment I try to key it into transmit.

Anyone have an idea about this? It happened yesterday (Saturday) morning, so I haven't been able to speak to anyone at Yaesu. Any ideas out there?

Aside from this new little trick, I love the radio.

Any yes, I tried to reset it. Didn't do a thing.

Jess Girard nd1l

girard@panix.com
girard@netcom.com

192. Alinco 6meter info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: dwc@crl.com
Message-ID: <403280$g8p@crl12.crl.com>
Source record: 214230

Anybody have anything to say about the Alinco 6 meter radio? I know it
is only FM, and 10 watts. but what do you think...
don

193. ICOM HF Connector???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: rsmith@internetmci.com
Message-ID: <4036an$6n8@news.internetmci.com>
Source record: 214231

Lost my Icom HF power cable. Got some really good wire and all I need is a connector - Does anyone know where I can get one of these things. Thanks mucho.

--
Bob Smith, Atlanta, GA
rsmith@internetMCI.com
n3ftu@amsat.org
TAPR 5412 ARRL AARL

194. Re: Amateur (jerks)Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <40375b$qro@nuclear.microserve.net>
Source record: 214232

In article <DCwAzt.ID4@mv.mv.com>, kingbp@ka1fqt.mv.com (Bryan King) wrote:

> The ham consumer is like consumers everywhere. They are price conscious
> and what is wrong with that? If the local dealers prices are too high,
> then they must take note of their competitors prices. If they are better
> at service or stocking hard to find components, then they must promote
> themselves this way. That is what free competition is all about.
> Remember that the customer is always right!
>
> Bryan - KA1FQT

This is exactly correct, and it should be remembered that no matter what the dealers' priorities, some people will complain. If he provides quality service facilities and customer support, some will complain about the prices that result. If he chops prices to the bone, others will complain about lack of service.

The bottom line is that the market will determine the dealer's success, and his ability to remain financially viable. If the majority of customers purchase on the basis of price, it will be to the dealer's advantage to strip down the operation and forego as many support activities as possible.

This is the nice thing about free enterprise. Sellers not only have to compete for their customers' business, but also, customers will eventually get what they deserve, whether it's what they thought they wanted or not. <g>

73, Jack WB3U

195. Re: Modifying a Yaesu FT-101b for 17meter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4037tu$qro@nuclear.microserve.net>
Source record: 214233

In article <DCtI1I.5y9@westonia.com>,
joe@westonia.com (Joseph Cooper) wrote:
>The Yaesu FT101b has 11 meter capability based on the old structure of the
>Amature radio bands of the time. Is it possible to modify the unit for 17
meter operation. Likewise it is capable of 10Mhz recv only, with coverage
of the 30 meter band. The transmit may not be possible (or is it ?)

There are several mods for this, although I haven't installed them in my
FT-101E as yet. Yes, the unit can be reworked to transmit on 10 MHz, and
you can replace the 11 meter crystal to provide operation on a second WARC
band. From what I remember, these two mods are relatively simple. I also
seem to remember a modification that allows full WARC coverage, although I
believe that mod is considerably more complex.

>but does anyone know how to incorporate a standby function into the
>system. It supports breakin internally, but I've seen nothing else that
>would indicate a safe way of having the recvr protected during xmit.

My unit has a separate RF input for the receiver. To protect it when an
exteernal transmitter is being used, you would have to provide an external
antenna relay or TR switch.

I regret that I do not have hard and fast documentation on the
modifications, but the following is a copy of a previous post to this
group:

>Last I heard, Fox Tango was bought by International Radio and
>Computers, Inc. The last known address and phone info is as
>follows:
>
>IRCI
>3804 South U.S. 1
>Fort Pierce, FL 34982
>Phone and Fax: 407-879-6868

73 & Hope this helps,

Jack WB3U

196. 8874 Eimac Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: rod@venus.hili.com
Message-ID: <403bhd$h0h@vixen.cso.uiuc.edu>
Source record: 214234
Cross-posted to: rec.radio.amateur.equipment,rec.radio.broadcasting,rec.radio.shortwave

I have a pair of 8874 Eimac Grid Tubes. Brand New in Box.
Sell the pair for $500.00
-
Call: 201-797-1227
E-Mail: rod@venus.hili.com

Rod N2RVM

197. Re: Amateur (jerks)Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DCwAzt.ID4@mv.mv.com>
Source record: 214235

In So. New Hampshire (Boston metro area) we are very fortunate to have two ham dealers because that promotes competition. I have found the local ham outlet that is not part of a national chain to have better prices and better service. I also like to patronize locally owned businesses as a matter of course because these guys are my neighbors (figuratively speaking).

The ham consumer is like consumers everywhere. They are price conscious and what is wrong with that? If the local dealers prices are too high, then they must take note of their competitors prices. If they are better at service or stocking hard to find components, then they must promote themselves this way. That is what free competition is all about.

Remember that the customer is always right!

Bryan - KA1FQT

198. Re: ICOM 706 HF/VHF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DCwB5M.IoE@mv.mv.com>
Source record: 214236

At the ARRL Northeast Hamvention in Manchester, NH I asked an Icom representative what the suggested retail price of the IC-706 was and when would it be available for purchase?

Price range $1300 - 1500 (depending on Yen vs. Dollar)

Delivery date: End of September. (FCC approval)

Bryan - KA1FQT

199. MOTORCYCLE antennas..2mtr and or 440 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: shamrock@buffnet.net
Message-ID: <4032sv$b3a@buffnet2.buffnet.net>
Source record: 214237

Anyone have any suggestions for mounting and or antenna to use on a motorcycle.. not same ground plane as car..

thanx

shamrock@buffnet.net

200. Rad shack HTX212..any Mods yet ?? problems etc..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: shamrock@buffnet.net
Message-ID: <40339g$b3a@buffnet2.buffnet.net>
Source record: 214238

Anyone know of any mods to the HTX212..<worlds best kept secret>
would like to be able to put a couple of outband ..freq in memory atleast
to monitor...like weather freq..its a pain when have to keep switching
vfo/mem....

or adding more memory channels?
or way to only scan certain memory channels.

I like this unit but as usual rad shack falls short again....

BTW any RADIO shack people out there know when basic accessories ie:
Power cord
packet adapter
will be available ??

201. Re: ICOM HF Connector???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: steve6920@aol.com
Message-ID: <403o6k$a24@newsbf02.news.aol.com>
Source record: 214239

You didn't mention which radio you had but you might want to check you
local Radio Shack.

202. Whats a good beginner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: phil.heaton@totrbbs.radio.org
Message-ID: <11223.12.uupcb@totrbbs.radio.org>
Source record: 214240

RM> : I am interested in getting an HF radio.
RM> : I have my tech plus and am working on my general.

Congrats and hang in there. I purchased a TS140 for my first
rig and still have it. It's a decent rig that's anvil tough and has
a plug-in for an optional 500Hz CW filter. You can get them used for
about $400.

Phil, KE4KRT
___ Blue Wave/QWK v2.12

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

203. Re: MOTORCYCLE antennas..2mtr and or 440 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-06 00:00:00 UTC
From: rsmits@ham.island.net
Message-ID: <080695193455Rnf0.79b6@ham.island.net>
Source record: 214241

shamrock@buffnet.net (shamrock) writes:

>Anyone have any suggestions for mounting and or antenna to use on a
>motorcycle.. not same ground plane as car..
>
>thanx
>
>shamrock@buffnet.net

Well, I've gotten away with a variety of mounts and antennae. You can usually mount some kind of ground plane antenna on the luggage rack, or perhaps on a grab rail, and it will work OK, but it's a real nuisance, especially for the passenger as the antenna gets in the way while getting on the bike.

A 1/4 wave antenna works OK, too, and isn't as much of a nuisance when mounting. Alternatively, Larsen makes a some no groundplane models - the OM-150K (144-148 MHz), the OM-220K (220-225 MHz) and the OM-440K (440-450 MHz). The OM-150K and OM-220K delivers unity gain without a ground plane and Larsen claims 2-2.5 db over a 1/4 wave with a ground plane of 1/2 wave or more. The OM-440K is claimed to deliver 2 db over a 1/4 wave with no groundplane and 4 db over a 1/4 wave with a ground plane of 24 inches or more.

My experience suggests you not route the antenna coax under the tank - this is usually next to the ignition coils and good for generating lots of noise. And a voltage dropping regulator for the radio is the best way to get clean power for the radio - motorcycle DC power is usually quite dirty. This will work fine for most handhelds, anyway. I eventually settled on throwing mine in a tank bag that plugged into regulated power at 10V from the bike.

73, Bob.

--
rsmits@ham.island.net (Robert Smits, VE7HS)

204. Re: Icom service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <404jkr$54j@ixnews7.ix.netcom.com>
Source record: 214152

It's always good to hear about good service. All too often we only hear the negative.

73, WB6LWS, Jim in Pacifica

205. DJ-G5T Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: turtle@unixg.ubc.ca
Message-ID: <404m17$9a3@nnrp.ucs.ubc.ca>
Source record: 214153

any modifications guidelines for Alinco's DJ-G5T twin Bander??

thanx!

simon
ve7vsi

206. WANTED: Manual for Heath HR1680/HX1681

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: oliver@comm-data.com
Message-ID: <405j9l$ccg@online.comm-data.com>
Source record: 214154
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Howdy All!

I have just aquired the Heath HR-1680 and HX-1681 tiwn rig.
Come on now, be nice. I'm new to the HAM thing and this is
my first rig. What i need is a copy of the manual. Please
let me know where i might find this. Also, if any of you
equipment freaks are familiar with this rig and know some
neat things that can be done with it, let me know!

Thanks a bunch
Oliver P. Cooudert
oliver@comm-data.com

--
Oliver P. Coudert | Communications Engineering Services, P.C.
Pronounced "koo-dare" | 6105-G Arlington Blvd, Falls Church, VA 22044
oliver@comm-data.com | (703) 534-7880 FAX:(703) 534-7884
"My opinions do not necessarily reflect those of my employer."

207. Address of Matsushita Communication

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: jeffrey@kahuna.tmc.edu
Message-ID: <DCyCKs.8op@news.hawaii.edu>
Source record: 214155
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I bought a "Mobile Telephone Transceiver Unit" model EF-6105EA
for $5 (from the Salvation Army store!) and need to contact the
manufacturer to get the control head. Anyone know the U.S.
address for Matsushita Communication Industrial Co. Ltd.?

Thanks in advance!

Jeff NH6IL

208. Need mods for Kenwood 742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <9508071415035743@saloon.bcbbs.net>
Source record: 214156

M>need mods for Kenwood 742a, please

I don't guarantee this will work but here ya go...
------------------------ cut here ----------------------------------

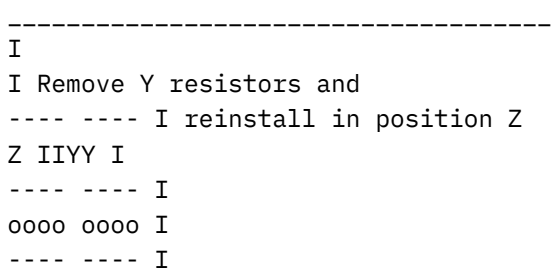
Subject: TM-742/942 Beyond Mars/CAP Mod. Guide

Procedure:
1. Detach the front panel from the main chassis.
2. Remove the bottom cover of the transceiver by removing the 4 screws on the bottom of the cover and loosening the 4 screws on the side of the unit.
3. Orient the radio so the bottom is up and the front panel area is near your chest. Near the front panel area you will find a large board, this is the control unit.
4. Remove the chip resistors "Y" noted in the diagram below, and reinstall them in position "Z" as shown.
5. Reinstall the bottom cover of the transceiver and reattach the front panel.
6. Reset the microprocessor. Press and hold the MR key while the power is switched on. Then release the MR key. This will erase all operator programmed data.
7. The frequency range after modification will be:

28 Mhz Band: RX: 18.0 thru 54.0 Mhz
TX: 26.0 thru 45.0 Mhz
50 Mhz Band: RX: 40.0 thru 90.0 Mhz
TX: 46.0 thru 76.0 Mhz
144 Mhz Band: TX: 136.0 thru 174.0 Mhz
220 Mhz Band: RX: 215.0 thru 260.0 Mhz
TX: 215.0 thru 235.0 Mhz
440 Mhz Band: TX: 410.0 thru 470.0 Mhz
1.2 Ghz Band RX/TX: 1100.0 thru 1400.0 Mhz

Please note that these are theoretical ranges only. Not all radios will be capable of tuning the entire range.

Control Unit X53-346X-XX A/2



```
IIIY ZZ I
---- ---- I
2 I
R I
7 I
```

 QMPro 1.53 A man's home is his coffin. Al Bundy

209. New Web Site

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: berg@primenet.com
Message-ID: <berg.3.00127B46@primenet.com>
Source record: 214157

List your ad for free. Any amateur or computer related items.

WWW. primenet.com/~berg

210. RE: Mod for KW 241A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: jmp@ipctech.com
Message-ID: <jmp-0708950927270001@shipping.ipctech.com>
Source record: 214158

A lot of the ham radio dealers such as Ham Radio Outlet, sell a book that is published by ArtSci. They have two books. One book has mods for most Kenwood and Icom radios and also some Radio Shack and Bearcat scanners. The other book covers Yeasu radios and some other brands.
The book sells for $19.95 and I have used it frequently.
My book is about 2 versions old and the mod that it says to do only puts the xmit range up to 152 MHZ. This mod sounds like the one you are attempting and you really should have the book and a good picture of the traces on the board to complete the mod. The new book has the new mod and says to cut the green wire that is comming off the front panel. Then remove the three, three legged chip diodes located in a row and above the VFO pot, on the solder side of the board for that pot. Then reset the radio. Note I would reccomend getting the current book. It may sound expensive to mod one radio, but at least you have the pictures and more reference material for later mods.

--
John Pendergraft
jmp@ipctech.com

211. FS: CB $25

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: twiz@pcix.com
Message-ID: <40561i$ru@alpha.pcix.com>
Source record: 214159

FORSALE:

Uniden PRO501XL Citizens Band Radio, comes with Radio Shack Magnetic roof anntenna, This is a mobile unit and needs to be pluged into a cig lighter. The CB is in minit condition, It has 1 or 2 minor scratches at the most. $25, Buyer pays for shipping.

212. Newbie question: What is TRIO?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: jbeens@silver.sdsmt.edu
Message-ID: <jbeens.2.30261DAA@silver.sdsmt.edu>
Source record: 214160

Hello,
I have an HF transceiver that is labeled as a Trio 520 D. It is identical to Kenwood's 520 as near as I can tell. I was told that these radios originate from the same company. Is there any difference between the two?

Thank you.
73

Jason Beens
KB0CDN

213. Wanted: software for controlling AOR 3000A receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: erlsoft@worldnet.net
Message-ID: <4058ql$734@sct1.sct.fr>
Source record: 214161

A friend of mine is looking for a shareware program for controlling
his AOR 3000A receiver, do you know where I can find that ?

Thanks a lot for your help.

214. Re: Newbie question: What is TRIO?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: rhynek@aol.com
Message-ID: <405aoj$laj@newsbf02.news.aol.com>
Source record: 214162

The company is Trio Kenwood. It is the same company. Also the same company is in the Hi Fi business. Its posible they may have dropped the Trio portion of the name because I have not seen it recently.

215. icom service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: lwwald@lmsmgr.lerc.nasa.gov
Message-ID: <7AUG199511122632@lmsmgr.lerc.nasa.gov>
Source record: 214163

Well its nice to know some folks have been able to get
their radios fixed there. I have had an ICOM 2410A
back four times and it still is not fixed. The last
time I even sent them a VHS video tape, illustrating
what the problem was. The service note that came
back said "loose connector". I doubt the tech. even
saw the video (which I didn't get back either).

So now I am trying to figure out where to send the rig;
I heard about a guy in Atlanta that I might send it to.
There is no point in sending it back to ICOM.

Larry, KE8GW

216. HELP: need 6LQ6!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: cowart@news.eng.convex.com
Message-ID: <405ah8$dfj@worm.convex.com>
Source record: 214164

need four 6LQ6's for sweep tube amp, Dentron GLA-1000.

Mike

(214) 497-3029 day
(214) 840-8667 night

--

Mike Cowart e-mail: cowart@convex.com Convex Computer Corp.
My opinions are mine, not my employer's. Richardson, Texas
---

217. Re: YAESU FT-900AT - Want Opinions, please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <405ckh$lo4@newsbf02.news.aol.com>
Source record: 214165

Hi Ed:

I too am interested in the 900at..have you got much response from other hams abt the rig? I am trying to decide between a 450s/at and the 900at. I want to use the thing on digital (which the Kenwood does good on...not sure abt the Yaesu) but I also want to try a little mobile work with it too. Don't have lots of money for several rigs hi.

Thanks for any advice you can impart \
73's Mike KS4DA

218. M/C Helmet Headset options

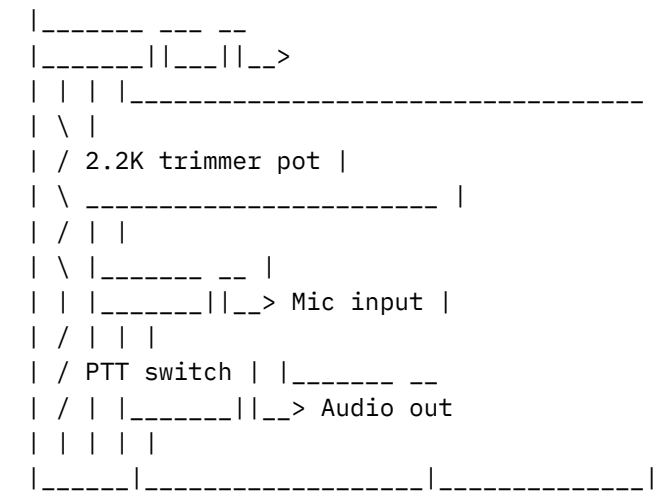
Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: kreifels@intel.com
Message-ID: <kreifels.807808516@fmwu23>
Source record: 214166

Folks,

In response to a recent thread, I thought I'd describe what I use
for a headset in 2M motorcycle mobile operation on my BMW K75S.

I use a Nady headset which I scavenged from a wired rider/passenger
intercom. It has a speaker in a 1/4' thick plastic case, from which extends
a gooseneck with the microphone. It claims to be a noise-cancelling mic, and
I believe the claim. It fits between your ear and the helmet liner, and
can be just placed there when you put on your helmet, or velcroed in place.
I tried this headset because I already had 2 with the intercom, and I'm
pleased with the results.

The plug is a mini-stereo plug with the tip as the speaker audio,
and the ring as the mic. I created an adapter to hook to my
Yaesu FT530 so I could use a PTT switch, and also trim the mic gain
if necessary. Really crummy ASCII representation follows:



The 2.2K resistor between mic hot and ground is needed by the PTT circuit on
the FT530, and using a pot allowed me to trim the mic gain. (I don't know
if the pot is necessary or not.) Placing the PTT switch here rather than
in series with the mic allows potential VOX operation (though I haven't
tried it because I yell too much at cage drivers.)

The speaker has plenty of volume to get above wind noise (will really blast
your ears if you crank it.) I figured reducing the mic gain and talking
loud would be my lowest noise operation, but got reports that I was over
deviating. I eventually discovered a normal or even a soft speaking voice
works best. I've been told there's very little background noise.

Where to get these little goodies? Cycle World carried an ad for them in the September issue, page 20. Shows pictures and everything. You can get just the headset for $24.95, or 2 headsets and an intercom for $49.95, or $64.95 with FM radio. Shipping is $5. (Incidently, the intercom is great if you ride with a passenger.)

The company selling these Nady headsets and intercoms for cheap is Innovation Specialties, and their phone is 1-800-222-8228. I price checked the basic intercom against JC Whitney, and these guys are cheaper.

I hope that this will be useful info to some of you. If you want more info, drop me an email.

73, and good riding.

Jerry, KO6JV (Sacramento CA area)
Jerry_A_Kreifels@ccm.fm.intel.com

"My opinions, not my employer's."

219. Re: Yaesu FT-900 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <405dl0$m1b@newsbf02.news.aol.com>
Source record: 214167

Jess:

I am interested in buying a 900AT. Do you know how well the rig works on digital/? (Amtor, pactor etc...) I am looking at it or the Kenwood ts450s/at...I like the Yaesu cause it can maybe go mobile, which I want to try one of these days.

Thanks es 73'ws
Mike KS4DA

220. Re: Intermod rejection (was Re: 2m/440 Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: burke_br@adcae1.comm.mot.com
Message-ID: <1995Aug7.154740.24748@lmpsbbs.comm.mot.com>
Source record: 214168

In article t4f@solaris.cc.vt.edu, mkeitz@bev.net (Mike Keitz) writes:
}In article <3vrb7m$ihd@news.MillComm.COM>,
} lmenzel@millcomm.com (Larry Menzel) wrote:
}
}My proposed test for "intermod rejection" of VHF/UHF FM receivers:
}
}Any comments? Has this all been done before?
}
}-Mike KD4QDM

Yes, this has been done. The Electronics Industry Association
and the Telecommunications Industry Association produce a document
called EIA/TIA-603. It outlines standards and test procedures
for all land-mobile communications equipment.

In the case of IM rejection, the test is 2.1.9. Section 3.1.9 outlines the
standards for mobiles, section 4.1.9 for basestations, and section 5.1.9 for portables.

73,

Bruce, WB4YUC
Motorola ARC

221. Re: HTX-202 and Customer Service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <405gh6$chr@ixnews5.ix.netcom.com>
Source record: 214169

In <jlowmanDCKn8w.42w@netcom.com> jlowman@netcom.com (Jim Lowman)
writes:
>

>Well, maybe I have more disposable income than good sense, but I just
could
>not see getting the extended warranty on either the HTX-202 or the
-404 that
>I bought while they were on sale. At $230 or less each during the
sale, my
>feeling is that if they work for the period under which waranteed,
they are
>essentially a throwaway item, just like a VCR that requires much of
any
>service after the warranty has expired.

>
>Jim
>
>jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
>Systems Analyst | San Bernardino City Unified School District
>(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
>(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

Jim,

I agree with you on one point, the RS stuff is definately disposable!

Regards,

Duffy - WB8NUT

222. Looking for PREAMP NPN Transistor 2SC1815

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: z931205@corn.cso.niu.edu
Message-ID: <Pine.3.89.9508071218.A3600-0100000@corn.cso.niu.edu>
Source record: 214170

Cross Referenced: 2SC1815 (General Electric?, correct)
SK312A (RCA)
ECG289 (Sylvania)
NTE85 (NTE)

Having a helluva time finding a place which carries this transistor,can
someone give me info on where to find General Electric brand transistors?
Any info on good mail-order places to get these from would be appreciated.

Thanks!

223. Re: Intermod rejection (was Re: 2m/440 Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <405no6$ch8@solaris.cc.vt.edu>
Source record: 214171

In article <1995Aug7.154740.24748@lmpsbbs.comm.mot.com>,
burke_br@adcae1.comm.mot.com (Bruce Burke) wrote:
>In article t4f@solaris.cc.vt.edu, mkeitz@bev.net (Mike Keitz) writes:
[Proposed test for intermod rejection]
>
>Yes, this has been done. The Electronics Industry Association
>and the Telecommunications Industry Association produce a document
>called EIA/TIA-603. It outlines standards and test procedures
>for all land-mobile communications equipment.
>
>In the case of IM rejection, the test is 2.1.9. Section 3.1.9 outlines the
>standards for mobiles, section 4.1.9 for basestations, and section 5.1.9
for portables.
>
>73,
>
>Bruce, WB4YUC
>Motorola ARC
>
Well, there we have it. Apparently the ham receivers aren't "superior",
"unsurpassed", etc. at all, or they would be tested with established
commercial procedures and results published. According to what I see in
these newsgroups anyway, perceived intermod rejection is a large factor in
the purchasing decision by many hams.

-Mike KD4QDM

224. Re: Rad shack HTX212..any Mods yet ?? problems etc..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: rsmits@ham.island.net
Message-ID: <080795112832Rnf0.79b6@ham.island.net>
Source record: 214172

rfisher@sky.net writes:

>shamrock@buffnet.net (shamrock) wrote:
>
>>Anyone know of any mods to the HTX212..<worlds best kept secret>
>>would like to be able to put a couple of outband ..freq in memory atleast
>>to monitor...like weather freq..its a pain when have to keep switching
>>vfo/mem....
>
>>or adding more memory channels?
>>or way to only scan certain memory channels.
>
>NO mods are possible. I know I've posted this a couple of times and
>I've seen others say the same thing. There are no mods for extended
>RX , TX or memory. If anyone tells you different, they are either
>ignorant, or trying to get you to mess up your HT.

It's NOT an HT! The HT is the HTX-202. He's talking about the HTX-212, the mobile rig. It does have extended receive - 136-174, although the memory channels will only allow you to program in channels from 143-149 MHz. And TX extends from 143-149 as well.

>
>>I like this unit but as usual rad shack falls short again....
>

Well, they seem to be learning, though. The 10 metre rig as delivered was quite disappointing, with no repeater offset, etc. The 202 seems quite good to date, and they certainly are attractive from a cost point of view here.

>>BTW any RADIO shack people out there know when basic accessories ie:
>> Power cord
>> packet adapter
>>will be available ??
>
>What kind of power cord? If it's a cigarette lighter cord, it's
>already available at RS for $3.99. For an AC to DC regulated power
>supply, the 1A is 21.99, the 1.75A is 27.99, and the 2.5A is 32.99 (I
>think, those prices are off the top of my head). I would stay away
>from the 1A power supply. It does not have an AC ground, and I've
>noticed (or I should say the hams I've talked to have noticed) a lot
>of ac noise. The other two are properly grounded and should work
>fine.
>

To begin with, you need a 10 A supply or so. The rig is rated at 45 watts OP, and has a 15 amp fuse in the power lead. The connector, though, looks like an automotive type, although there's no reason you couldn't use a couple of push on connectors for the ground and positive leads in an emergency.

I've asked here if the mic connector was available separately and the local dealer didn't know, he was going to check on it.

>For packet I've heard that the MFJ-5024X or the MFJ-5024YV is what you
>need (the specific one is based on the TNC, or so I've been told).
>These are NOT RS cables, get them from a ham shop or mail order.
>

All you're really going to need that's unique is that oddball 8 pin mic jack and a standard 1/8 mini phone jack for the audio O/P.

--
rsmits@ham.island.net (Robert Smits, VE7HS)

TO SUM UP

It may be observed
in a general way
that life would be
better, distinctly,
if more of the people
with nothing to say
were able to say it
succinctly.

- Piet Hein

225. Source of small footprint Mag-Mount 1/4 wave UHF antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: cyamamot@kilroy.jpl.nasa.gov
Message-ID: <405s1g$nah@lo-fan.jpl.nasa.gov>
Source record: 214173

Greetings,

Well the subject mostly says it all. I don't wish to drill a hole, but I don't want to use glass-mount either. I will keep the soap-bar sized mag-mount Larsen for when I need to mount a longer whip, but for my daily driving a 1/4 wave UHF "spike" will suffice.

I'm basically looking for a 1/4 wave UHF antenna similar to the NMO style "spike" but with a small circular magnet glued in where the threads and center conductor are. Then a small coax feed coming out the side of the base of this.

Any leads on something like this would be appreciated. It seems silly to have that large soap-bar sized mag-mount base for such a tiny 1/4 wave antenna.

Thanks & 73's
- Cliff

226. For Sale FT101

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: jimvjo@community.net
Message-ID: <405t3s$e2p@odin.community.net>
Source record: 214174

FT101 also 2100 amp Make offer Also a Base Unit

227. For Sale: Kenwood TH-78A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: masonje@mail.auburn.edu
Message-ID: <DCyILI.FxK@mail.auburn.edu>
Source record: 214175

I need to sell my HT. I brought it a little over a year ago, but I've rarely used it since, so it's as good as new. Includes one battery and wall/recharger hookup. I'm asking $350 obo. If interested, mail me at masonje@mail.auburn.edu

later,
--
John E. Mason II,
email <masonje@duc.auburn.edu>
www: http://www.auburn.edu/~masonje
Address: 101 Ann St. B-44 Auburn, AL 36830
Phone: (334) 887-7512

###
-ON PHILOSOPHY-
"Philosophy is not a theory but an activity..."
Ludwig Wittgenstein (1922)
Tractatus Logico-Philosophicus
# #
-ON LIFE-
"The wise want to love; and those who love want
wisdom..." Percy B. Shelley (1819)
Prometheus Unbound
# #
-ON FENCING-
"Dodge, parry, spin, thrust!"
Daffy Duck (year unknown)
###

228. Kenwood TS-520S opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: billv21572@aol.com
Message-ID: <405v16$r07@newsbf02.news.aol.com>
Source record: 214176

Hello all,
I'm angling to buy a Kenwood TS-520S transceiver, and would like to hear what other peoples experiences have been with it. I plan on using it initially on the 10 meter novice voice band. Any comparisons to the 520SE? I really don't know this rig well, so would appreciate any input from users out there. Thanks. Sincerely,
Bill Vanstralen KA9HLN St. Paul, MN (612)688-2552 billv21572@aol.com

229. Re: HELP: need 6LQ6!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: danderse@genie.esu10.k12.ne.us
Message-ID: <405vkq$qp3@news.nde.state.ne.us>
Source record: 214177

Michael Cowart (cowart@news.eng.convex.com) wrote:
: need four 6LQ6's for sweep tube amp, Dentron GLA-1000.

: Mike

: (214) 497-3029 day
: (214) 840-8667 night

: --

: --
: Mike Cowart e-mail: cowart@convex.com Convex Computer Corp.
: My opinions are mine, not my employer's. Richardson, Texas
: --

Hi Mike,
6MJ6 tubes will also work fine
73

--
****
AMATEUR RADIO STATION NO0C
Tim L. Andersen "If you come to a fork in the road,
15 LaPlatte Road take it" - Yogi Berra
Kearney, NE 68847-4802 NO0C@WA0PXW.#SCNE.NE.USA.NA
U.S.A. ARRL DXCC Mixed and SSB Honor Roll
QSL Mgr for BV4CT 328 Worked/325 Confirmed/4 Deletions
****

230. Re: ICOM HF Connector???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4050id$7qq@news.halcyon.com>
Source record: 214178

In article <4036an$6n8@news.internetmci.com>, rsmith@internetmci.com (Bob Smith) says:
>
>Lost my Icom HF power cable. Got some really good wire and all I
>need is a connector - Does anyone know where I can get one of
>these things. Thanks mucho.
>
>--
>Bob Smith, Atlanta, GA
>rsmith@internetMCI.com
>n3ftu@amsat.org
>TAPR 5412 ARRL AARL
>
Short of ordering the actual connector directly from Icom,
Slip over to the Atlanta HRO. I'll bet they have a complete
power cord for the Icom's in stock.

Gary

231. Re: ICOM 706 HF/VHF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4050m7$7qq@news.halcyon.com>
Source record: 214179

In article <DCwB5M.IoE@mv.mv.com>, kingbp@ka1fqt.mv.com (Bryan King) says:
>
>At the ARRL Northeast Hamvention in Manchester, NH I asked an Icom
>representative what the suggested retail price of the IC-706 was and
>when would it be available for purchase?
>
>Price range $1300 - 1500 (depending on Yen vs. Dollar)
>
>Delivery date: End of September. (FCC approval)
>
>
>Bryan - KA1FQT

That price range is what Icom is hopeing the Amateur will be paying out of pocket for the radio. No actual MFG's retail price has been set.

Gary

232. Re: Source of small footprint Mag-Mount 1/4 wave UHF antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: rafaels@zimmer.CSUFresno.EDU
Message-ID: <DCyMIr.C01@CSUFresno.EDU>
Source record: 214180

In article <405s1g$nah@lo-fan.jpl.nasa.gov> cyamamot@kilroy.jpl.nasa.gov (Cliff Yamamoto) writes:
>Greetings,
>
>Well the subject mostly says it all. I don't wish to drill a hole, but
>I don't want to use glass-mount either. I will keep the soap-bar sized
>mag-mount Larsen for when I need to mount a longer whip, but for my daily
>driving a 1/4 wave UHF "spike" will suffice.
>
>I'm basically looking for a 1/4 wave UHF antenna similar to the NMO style
>"spike" but with a small circular magnet glued in where the threads and
>center conductor are. Then a small coax feed coming out the side of the
>base of this.
>
>Any leads on something like this would be appreciated. It seems silly
>to have that large soap-bar sized mag-mount base for such a tiny 1/4 wave
>antenna.
>
>Thanks & 73's
>- Cliff

Cliff: I got a mini-mag mount (with a BNC connector) at one of the Ham-Fests (I think it was PACIFICON '94 in Concord, CA). Ic cost me $14.95 or so and it works well with my ANLI S-10 1/4 wave antenna. Notice that this mount has a BNC connector, I don't know it they sell one with a NMO type. The mount by the way is about 2.5 inches in diameter.

Good luck

Rafael (KE6JSR)

233. DJ-582T ICOM IC-Z1A TH-79A(D) C-586A FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: x400.den.mmc.com
Message-ID: <x400.den.mmc.com-0708951446100001@mac-athena.den.mmc.com>
Source record: 214181

As a newbie to amateur I was wondering if any or all of the following HT's are modifiable for extended TX in VHF band? I'm a Volunteer FF and EMT in Bailey, CO and would like to use the radio for some calls as well as Ham related activities.

Thanks in advance

Alinco DJ-582T
ICOM IC-Z1A
Kenwood TH-79A(D)
Standard C-586A
Yaesu FT-51R

Joe Hawkins

234. Extended Tx DJ-582T IC-Z1A TH-79A(D) C-586A FT-51R?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: x400.den.mmc.com
Message-ID: <x400.den.mmc.com-0708951431300001@mac-athena.den.mmc.com>
Source record: 214182

As a newbie to amateur I was wondering if any or all of the following HT's are modifiable for TX in VHF band? I'm a Volunteer FF and EMT in Bailey, CO and would like to use the radio for some calls as well as Ham related activities.

Thanks in advance

Alinco DJ-582T
ICOM IC-Z1A
Kenwood TH-79A(D)
Standard C-586A
Yaesu FT-51R

Joe Hawkins

235. WTB: Motorola Micor Elements (UHF)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <4064fr$939@news1.deltanet.com>
Source record: 214183

I'm in need of the following elements for a Micor:
RX 460.025
RX 449.175
RX 449.675
RX 446.300
Please include price and reply via email (mikek@deltanet.com)
Thanks and 73 Mike

236. Re: Rad shack HTX212..any Mods yet ?? problems etc..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: jhiatt@dmi.net
Message-ID: <40658g$45m@news.internetmci.com>
Source record: 214184

> >Anyone know of any mods to the HTX212..<worlds best kept secret>
> >would like to be able to put a couple of outband ..freq in memory atleast
> >to monitor...like weather freq..its a pain when have to keep switching
> >vfo/mem....

> NO mods are possible. I know I've posted this a couple of times and
> I've seen others say the same thing. There are no mods for extended
> RX , TX or memory. If anyone tells you different, they are either
> ignorant, or trying to get you to mess up your HT.

This was a post about the mobile unit, not the HT. Perhaps it would help if people actually read a message before they tried flying off the handle replying to it. Actually it would be interesting to know about mods for the mobile unit from Radio Shack. I don't recall seing anything about it myself one way or the other.

John

237. Re: Rad shack HTX212..any Mods yet ?? problems etc..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug7.160627.19268@ke4zv.atl.ga.us>
Source record: 214185

In article <40425u$nkv@alpha.sky.net> rfisher@sky.net writes:
>shamrock@buffnet.net (shamrock) wrote:
>
>>Anyone know of any mods to the HTX212..<worlds best kept secret>
>>would like to be able to put a couple of outband ..freq in memory atleast
>>to monitor...like weather freq..its a pain when have to keep switching
>>vfo/mem....
>
>>or adding more memory channels?
>>or way to only scan certain memory channels.
>
>NO mods are possible. I know I've posted this a couple of times and
>I've seen others say the same thing. There are no mods for extended
>RX , TX or memory. If anyone tells you different, they are either
>ignorant, or trying to get you to mess up your HT.

Er, Rodney, he's talking about the HTX212, the new RS *mobile rig*.
There is a keypress mod for MARS/CAP, it's in the manual. I haven't
heard of other mods yet, and there might not be any, following the
lead of their HTs.

As for accessories, I haven't seen any yet either. The microphone
connector is one of those funky telco type plugs, RJ-45 I think.
You'll probably have to make your own packet cables. (The odds
of the Kenwood cables working is probably slim or none.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

238. Need Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: stormy@nyc.pipeline.com
Message-ID: <4068bc$i1n@pipe2.nyc.pipeline.com>
Source record: 214186

Hi, looking to get my Yaesu 401b up and running. I would like to know of any supplier for tubes.

Thanks

73's

Mike

Michael Volpe@nyc.pipeline.com

239. Icom 281H - Any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: dorsil@mhv.net
Message-ID: <40697a$j1k@over.mhv.net>
Source record: 214187

Hello everyone and thanks for reading. I am looking into purchasing a new mobile radio. I have looked at the Icom 281H and it looks very nice for the price. I also like it because I do packet once in a while and it has it's own packet jack in the back. I was wondering if anyone here has used the Icom 281H or owns one and how it works for them. Any comments or anything on this radio would be great! Thanks so much!

73 de N2TEB
David in New York

240. Re: M/C Helmet headset

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: genew@teleport.com
Message-ID: <40464e$gau@ns.transport.com>
Source record: 214188

In article <DCLyMq.B6n@iquest.net>, rogersmith@iquest.net says...
>
>I'm interested in designing/converting a mic/earphone system for my
>full-face motorcycle helmet. I've got an Alinco DJ-180 HT. I tried using
>Alinco's lapel/earplug VOX set-up but it proved too mic sensitive even on
>PTT and too earphone weak for anything above 30 mph.
>
>Anyone have any ideas ?!
>
>Any such m/c experience with those "Eartalk" mic/speaker set-ups ?
>
>
>Thanks & 73's ..... Roger N9PMC

The "in the ear" mikes I tried picked up more engine noise than a standard hand mike.
Totally useless...
I bought a throat mike / earphone combination at Dayton. I believe it sys it is made by
Genesis, (or some variation on that
spelling). It works pretty well. Reports indicate that although there is a lack of high
frequencies, no engine or wind noise
can be heard.
The one problem is that the mike must be precisely positioned or it does not pick up well.
Unfortunately, the mike is clamped
to your neck with a piece of spring steel bent into a half circle.
This works ok if you never perspire and are a pencil-neck geek. Otherwise, you will find it
springing off your neck again and
again. Don't even think about putting on sun lotions or it will rocket off your neck as
soon as you release it.
I think if you replaced the metal hoop with an elastic loop it might work well.

KB7WIP

--
genew@transport.com
Direct flames to: genew@ucant.gethere.frmhere |

241. Re: Source of small footprint Mag-Mount 1/4 wave UHF antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug7.232537.20469@ke4zv.atl.ga.us>
Source record: 214189

In article <405s1g$nah@lo-fan.jpl.nasa.gov> cyamamot@kilroy.jpl.nasa.gov (Cliff Yamamoto) writes:
>Well the subject mostly says it all. I don't wish to drill a hole, but
>I don't want to use glass-mount either. I will keep the soap-bar sized
>mag-mount Larsen for when I need to mount a longer whip, but for my daily
>driving a 1/4 wave UHF "spike" will suffice.
>
>I'm basically looking for a 1/4 wave UHF antenna similar to the NMO style
>"spike" but with a small circular magnet glued in where the threads and
>center conductor are. Then a small coax feed coming out the side of the
>base of this.
>
>Any leads on something like this would be appreciated. It seems silly
>to have that large soap-bar sized mag-mount base for such a tiny 1/4 wave
>antenna.

Remember, a magmount base is one plate of a capacitor (the body being
the other plate) for the purpose of offering a low impedance for RF
at the operating frequency. It's not large for mechanical purposes,
but rather for electrical purposes. If you used a tiny base area,
it'd likely work no better than a on-glass antenna.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

242. Heath HW-8 Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: glrowz@aol.com
Message-ID: <406dd3$2gt@newsbf02.news.aol.com>
Source record: 214190

I can not gey any sound from my old rig. Any ideas please E-mail
me.

N9ZLH

243. DR-150-T MOD'S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: Jeff Walsh <kc5iby@neosoft.com>
Message-ID: <4064j6$ogq@uuneo.neosoft.com>
Source record: 214191

Does anybody know of any mod's for the Alinco DR-150T???
Please E-mail them to kc5iby@neosoft.com.

73's

244. Re: Rad shack HTX212..any Mods yet ?? problems etc..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: freichert@aol.com
Message-ID: <4069ag$164@newsbf02.news.aol.com>
Source record: 214192

I don't know specifically about mods, but do note that on the schematic there are two ports (11, pin 35 of the uP IC 601, and 45, pin 47) that are shown connected to nothing. Anybody got any ideas on this?

245. Re: Newbie question: What is TRIO?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: mjclark@delphi.com
Message-ID: <RpKgyk3.mjclark@delphi.com>
Source record: 214193

<jbeens@silver.sdsmt.edu> writes:

>Hello,
>I have an HF transceiver that is labeled as a Trio 520 D. It is identical to
>Kenwood's 520 as near as I can tell. I was told that these radios originate
>from the same company. Is there any difference between the two?
>
>Thank you.
>73
>
>Jason Beens
>KB0CDN

When I was stationed in Japan years ago, the equipment that was
marketed in the US as Kenwood was sold in Japan as Trio. As far
aw I know that was the only difference. This included both HiFi and
amateur gear. You may have a radio that was brought back from
Japan by some GI. If you need schematics or other info, try
writing the company in Japan. I did this with a Teac tape deck many
years ago and was rewarded with complete technical documentation about
a month later.
-
Good luck
Malcolm
KR4HP

246. unscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: jonathan.ho@Xilinx.COM
Message-ID: <199508072100.OAA16685@clemenza.xilinx.com>
Source record: 214194

```
unscribe
```

247. Motorola Radius UHF mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: Mark Whittington <mark@hyperion.org>
Message-ID: <Pine.LNX.3.91.950804051819.5792A-100000@hyperion.org>
Source record: 214195
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hello

If anyone knows if there's a way to program a Motorola Radius UHF mobile radio through a PC, please post or mail me. The radio has an 8 pin modular mic pluc, and a 14 pin plug on the back. Thank you.

73
Mark Whittington, KE4MAA

248. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: Owen.Adair@turner.com
Message-ID: <4055qc$qck_001@turner.com>
Source record: 214196

In article <rodellDCsuy1.1oq@netcom.com>,
rodell@netcom.com (R.W. Odell) wrote:
>Mike Keitz (mkeitz@bev.net) wrote:
>:
>: This is terrible! No "Be-doop?" No tag-team talking clocks? No reverse
>: autopatch? Maybe now repeater installers will look again at the meaning of
>: the word "repeater" and put their money into good radio performance instead
>: of schmaltzy features.
>
>: -Mike KD4QDM
>
>The feaures you disliked are options, and others like them. I like this
>diversity in our hobby. I've used ACC products for years, and used some,
>but not all, of the array of options they provided to me.
>
>The ACC products worked, for the most part, and are incredibly reliable.
> .... some stuff deleted...

Diversity is exactly the point. If you only want a simple controller there are
many low cost controllers that work well - I frequent a repeater with just
such a controller.

If, however, you want top end features and performance (as the ACC price
indicated it was) then ACC was stuck in the early '80s. The incredible
advances in computer technology in the past 15 years was largely lost
in the ACC designs. Some improvement, yes, and if the consensus was
they were reliable, fine. But I *like* the schmaltzy features .

But the bottom line is this: People paid for their controllers ... I
just simply stated that now maybe some of the other smallers guys
will get some well-deserved recognition and repeater managers will get
better controllers - if they want them. I'm sure you can still
suck off of ACC's teats in the used market for years to come if
you want.

owen

Owen Adair WD4FSU email: Owen.Adair@turner.com
Turner Broadcasting System, CNN Center, Atlanta, GA (404) 827-3293
"Things which matter most must never be at the mercy of things that
matter least" -Goethe

249. ACC Controller Firmware i

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <7943211801@humnet.humberc.on.ca>
Source record: 214197

```
>
> ACC's answering machine says their firmware will sonn be available in
> public domain. Has anyone seen this yet? They use Compuserve so it may
> show up there first.
>

Do let me know if you (or anyone) come across this !

Thanks...Hugh Duff VA3TO
hduff@humnet.humberc.on.ca

---
```
 NFX v1.3 [000]

```
--
------------------------------------------------------------------------
HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
Visit our Website at http://humnet.humberc.on.ca/
```

250. Re: Newbie question: What is TRIO?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: grhosler1@mmm.com
Message-ID: <405lqo$aih@dawn.mmm.com>
Source record: 214198

The Trio Kenwood label is generally used for equipment delivered OUS while equipment designated for US has only the Kenwood name without the parent Trio identifier. The TS-520D may look identical, but you may want to check the output into a dummy load on all bands. If memory serves, units designated for the Japanese market had low output on 10 Meters. The low power problem could be overcome by shorting the screen voltage resistor attached to the band switch. With this modification the unit should produce about 100 watts output on 10 Meters. Good Luck & 73's

251. Re: MOTORCYCLE antennas..2mtr and or 440 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: cmartman@vela.acs.oakland.edu
Message-ID: <403q1m$1jl@oak.oakland.edu>
Source record: 214242

shamrock (shamrock@buffnet.net) wrote:
: Anyone have any suggestions for mounting and or antenna to use on a
: motorcycle.. not same ground plane as car..

: thanx

: shamrock@buffnet.net

Look into diamond antennas. The NR-770 is a classic 2/440 3/5.5db design
that needs no ground plane, hence the NR designator (no radial?)
Others are available, mono or dualband, of varying gain.
Their mounts, although pricey, are nice too.

Later,
Sean

252. Re: Are there any mods for a rx HTX-202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: Grant H Youngman <us007699@interramp.com>
Message-ID: <403vjo$7lt@usenet1.interramp.com>
Source record: 214243

>: >>Are there any mods that would be eassy to perform on the HTX-202 that
>

>: >THAT IS TRUE. THERE WAS A LOT OF DESIGN EFFORT PUT INTO THE RADIO TO
>: >MAKE IT SO. THERE IS NO BETTER WAY TO SAY WHAT KB0SPZ SAID SO IF YOU
>: >NEED TO HAVE A RADIO WITH A LOT OF OUT BAND GET A DIFFERENT RIG. I
>: >ALMOST NEVER USE OUT OF BAND RX EXCEPT ONE FREQ. BEFORE YOU MOD A
>: >RADIO, MAKE SURE YOU REALY NEED IT.
>
>: VICTOR N2NMN
>Well there was one person who said that you can get out of band receive
>by duct taping a scanner onto the radio, sounds good to me.

You know, an R390A duct taped to the other side, would give pretty much
DC to daylight coverage, too. Hard to hand on the belt, but that isn't
where a "shack" belongs, anyway.

Lately, I've begun recommending the following mod to many import radios:

1. Remove top cover
2. Pack inside of radio carefully with potting soil
3. Put in seeds appropriate to the size of the radio (you wouldn't want
an oak tree trying to grow out of an HT, would you?
4. Water thoroughly. Repeat often.

This mod DOES require figuring out how to get the cover off, but this can
be done using a screwdriver/crowbar/what-have-you and does not require
even OPENING the operating manual to puzzle out the way to turn the
radio on.

:-)

Grant/NQ5T

253. Re: Rad shack HTX212..any Mods yet ?? problems etc..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: rfisher@sky.net
Message-ID: <40425u$nkv@alpha.sky.net>
Source record: 214244

shamrock@buffnet.net (shamrock) wrote:

>Anyone know of any mods to the HTX212..<worlds best kept secret>
>would like to be able to put a couple of outband ..freq in memory atleast
>to monitor...like weather freq..its a pain when have to keep switching
>vfo/mem....

>or adding more memory channels?
>or way to only scan certain memory channels.

NO mods are possible. I know I've posted this a couple of times and
I've seen others say the same thing. There are no mods for extended
RX , TX or memory. If anyone tells you different, they are either
ignorant, or trying to get you to mess up your HT.

>I like this unit but as usual rad shack falls short again....

I disagree. I have one and think that for the price it is quite good.
If you want one better, and there are quite a few, be prepared to pay
the extra bucks and not have a local shop to take it into if you have
a problem.

>BTW any RADIO shack people out there know when basic accessories ie:
> Power cord
> packet adapter
>will be available ??

What kind of power cord? If it's a cigarette lighter cord, it's
already available at RS for $3.99. For an AC to DC regulated power
supply, the 1A is 21.99, the 1.75A is 27.99, and the 2.5A is 32.99 (I
think, those prices are off the top of my head). I would stay away
from the 1A power supply. It does not have an AC ground, and I've
noticed (or I should say the hams I've talked to have noticed) a lot
of ac noise. The other two are properly grounded and should work
fine.

For packet I've heard that the MFJ-5024X or the MFJ-5024YV is what you
need (the specific one is based on the TNC, or so I've been told).
These are NOT RS cables, get them from a ham shop or mail order.

Hope this helps,

Rodney, KB0SPZ

254. Re: Whats a good beginner HF radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: Jack Palladay <Jack.Palladay@InternetMCI.com>
Message-ID: <4044bp$8rr@news.internetmci.com>
Source record: 214245

mulveyr@vivanet.vivanet.com (Rich Mulvey) wrote:
> : I am interested in getting an HF radio.
> : I have my tech plus and am working on my general.
> : My biggest issue is MONEY.

Then you should be definitely be looking at used radios. A couple
of good radios to look for are the Yeasu 747 and Kenwood 140. Both
are fine simple radios and should be available for the kind of money
you are talking about. Hope you find what you want. Good luck.

73 de Jack, N9ICE @ WB9SYK-1.IN
Jack.Palladay@InternetMCI.com

255. Re: yaseu FT-411e

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: Jack Palladay <Jack.Palladay@InternetMCI.com>
Message-ID: <4044le$8rr@news.internetmci.com>
Source record: 214246

aja@ag.net (aja@ag.net) wrote:
> I was wondering if htere is any way to modify my Yaseu HT to open up
> the band width on it

You don't have to modify the 411. It is already built into it.
It's been a while since I owned a 411 but if I remember all you have
to do is hold the arrow keys down while powering it off and back on.

73 de Jack, N9ICE @ WB9SYK-1.IN
Jack.Palladay@InternetMCI.com

256. Ham gear for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: ko6lp@community.net
Message-ID: <4047ti$qpm@odin.community.net>
Source record: 214247

For sale.

F O R S A L E Thanks for reading

Kenwood TS820 S with external VFO.....$ 450.00 OBO
Rig comes with Heathkit amp

Crushcraft AV5 Antenna HF.....$ 75.00 OBO

MFJ VERSATUNER III.....$ 100.00 OBO

RADIO SHACK DSP NOISE FILTER.....$ 40.00 OBO

HT202 HAND HELD 2 METERS W/CHARGER AND AA PACK...$ 150.00 OBO

KO6LP Hank

Send me mail of call me at 707.252.9423 TNX

257. Re: BEST EQUIPMENT FOR AM DXING

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: kmawji@Direct.CA
Message-ID: <404947$5mg@grid.Direct.CA>
Source record: 214248

I've been thinking of getting into some am dxing. I live 300 miles north of Seattle, and someone told me that a GE superradio III along with 100 feet of wire strung 40 feet up in the air would allow me to get am channels from california as well as any other channels up to 1500 miles away.

I was just wondering is this equipment very good or is there anything that is better. Also does anyone know of a company in Seattle or in Bellingham that carries the GE superradio? I am completely new to am dxing and would appreciate any information anyone could give me.

I don't get a chance to read this usenet very often so perhaps someone could email me with some advice.

Thanks

Karim
kmawji@direct.ca

258. Re: Rad shack HTX212..any Mods yet ?? problems etc..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: danb@acme.csusb.edu
Message-ID: <40491d$abh@news.csus.edu>
Source record: 214249

rfisher@sky.net wrote:

: I've seen others say the same thing. There are no mods for extended
: RX , TX or memory. If anyone tells you different, they are either
: ignorant, or trying to get you to mess up your HT.

This would all be applicable if the original poster were asking
about the HTX202, but he wanted to know about the 212, which is a 45-watt
mobile unit, and a completely different animal.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu
Don't Tread on Me

259. Re: Rad shack HTX212..any Mods yet ?? problems etc..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: danb@acme.csusb.edu
Message-ID: <4049be$abh@news.csus.edu>
Source record: 214250

shamrock (shamrock@buffnet.net) wrote:

: BTW any RADIO shack people out there know when basic accessories ie:
: Power cord
: packet adapter

What kind of power cord? It comes with one, right? Near as I
can tell, the connector on the radio is just two .250 spade connectors at
right angles to each other, which should be easy enough to duplicate from
scratch. A replacement for the original cord could probably be ordered
from RS's parts warehouse, too. If you mean a power _supply_, to be able to
run it from 120vac house current, I'd like to see us carry one too.

As far as packet goes, RJ-45 connectors (for the mike input) are
found with phone accessories, and the 1/8" mono plug is with other audio
connectors and adaptors. The manuals for the radio and the TNC should
have enough information to build a cable, at least for 1200 baud packet.

I suspect (and hope) that accessories for the -212 will be in the
1996 catalog, due to come out within a few weeks, but I don't know.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu
Don't Tread on Me

260. Re: Icom service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-07 00:00:00 UTC
From: tigger@jcomm.uoregon.edu
Message-ID: <4049g8$sdm@maureen.teleport.com>
Source record: 214251

Same here. I sent in my 2GAT for a freq adjustment. They even put in new screws and rings, which I wasn't expecting. Actually, I know someone who worked there in their receiving department. It was his job to take the radios apart (as in the antenna and battery) and put them into these plastic boxes. It was his summer job. He's not a ham though.

Max
N7NWG

261. WTB: IFR 1200S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: brent@network.ucsd.edu
Message-ID: <40947j$cqb@network.ucsd.edu>
Source record: 214052

Email if you have one you would like to part with.

Thanks,
Brent@network.ucsd.edu

262. NEEDED: VHF Engineering Amp Schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: LoginName@medtronic.com
Message-ID: <4081gf$9l0@gazette.medtronic.COM>
Source record: 214053

I desperately need a schematic for a VHF Engineering 2m 2-in 60-out mobile amplifier. If anyone knows where I can get a copy please respond to ralph.w.bierbaum@medtronic.com. I will pay for copying and postage.

de N0AWN

263. Re: WTB: Motorola Micor Elements (UHF)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <406jg0$fcj@ccnet2.ccnet.com>
Source record: 214102

mikek@deltanet.com (Mike Krueger) wrote:
>I'm in need of the following elements for a Micor:
>RX 460.025
>RX 449.175
>RX 449.675
>RX 446.300
>Please include price and reply via email (mikek@deltanet.com)
> Thanks and 73 Mike

A suggestion... you can send elements you already have (if you have any)
to a place like International Crystal Mfg and have them recrystaled. It
costs between $30 and $50 per element and takes about a month. I have
done it several times and ICM is who I trust most.

--
Curtis Wheeler - Pleasanton, CA

264. Re: Looking for PREAMP NPN Transistor 2SC1815

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <406nsd$jhr@nuclear.microserve.net>
Source record: 214103

z931205@corn.cso.niu.edu (David Kim) wrote:
>Cross Referenced: 2SC1815 (General Electric?, correct)
> SK312A (RCA)
> ECG289 (Sylvania)
> NTE85 (NTE)
>
>Having a helluva time finding a place which carries this transistor

From what I remember, the 2SC1815 is a common device. Try an audio/video service center. If they don't have the exact number, they should be able to look up an equivalent Japanese type that has equal or better specs. Stay with a Japanese device (rather than a generic replacement) if you can.

73,

Jack WB3U

265. Re: Extended Tx DJ-582T IC-Z1A TH-79A(D) C-586A FT-51R?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <406pqd$6pp@newsbf02.news.aol.com>
Source record: 214104

Ohhhh.....Joe.....DUCK NOW!!!!!!!!!!!!
I cringed when I read your question. I posted a query along similar lines a long time ago.....and.....WHAM.....in came all sorts of warnings and responses in regards to using ham rigs out of band. All the 'Non FCC Type Accepted' flames. Actually mine was a 'Want to Buy' posting in the AOL forums for a police buddy of mine who is not on line. Despite all the flames I ended up buying the radio (Alinco DJ580) and modified it to suit the situation. Through it all though, I wondered why the manufacters would make their rigs capable, then, lock out its capabilities, then, advertise that it is modifiable for out of band use, then, provide mod sheets with the info needed to perform the mods, then, warn you that such modifications will void the warranty and render the radio non type acceptable. Go figure. I do advocate good ham practices and do not abuse the technological capabilities of my radio equipment. I have several close law enforcement friends who are also hams and own modified 580's for both their 2 meter ham use and their private duty and tactical work on the 453.XXX band. It's a workhorse of a radio for the purpose and for the money and the modification, which is widely published, is simply clipping a red and a blue jumper wire. The standard disclaimers apply here.....any opinions expressed here are.....well,.....mine.
Rick Crider
<rickcrider@aol.com>
KD4FXA

266. Re: MOTORCYCLE antennas..2mtr and or 440 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: shamrock@buffnet.net
Message-ID: <406e24$mj1@buffnet2.buffnet.net>
Source record: 214105

In article <403q1m$1jl@oak.oakland.edu>, cmartman@vela.acs.oakland.edu (C McCarthy-Artman) says:
>
>shamrock (shamrock@buffnet.net) wrote:
>: Anyone have any suggestions for mounting and or antenna to use on a
>: motorcycle.. not same ground plane as car..
>
>: thanx
>
>: shamrock@buffnet.net
>
>Look into diamond antennas. The NR-770 is a classic 2/440 3/5.5db design
>that needs no ground plane, hence the NR designator (no radial?)
>Others are available, mono or dualband, of varying gain.
>Their mounts, although pricey, are nice too.
>
>Later,
>Sean
>
Thanks for your reply

Bill

267. Re: MOTORCYCLE antennas..2mtr and or 440 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: shamrock@buffnet.net
Message-ID: <406e6n$mj1@buffnet2.buffnet.net>
Source record: 214106

In article <080695193455Rnf0.79b6@ham.island.net>, rsmits@ham.island.net (Robert Smits)
says:
>
>shamrock@buffnet.net (shamrock) writes:
>
>>Anyone have any suggestions for mounting and or antenna to use on a
>>motorcycle.. not same ground plane as car..
>>
>>thanx
>>
>>shamrock@buffnet.net
>
>Well, I've gotten away with a variety of mounts and antennae. You can
>usually mount some kind of ground plane antenna on the luggage rack, or
>perhaps on a grab rail, and it will work OK, but it's a real nuisance,
>especially for the passenger as the antenna gets in the way while getting
>on the bike.
>
>A 1/4 wave antenna works OK, too, and isn't as much of a nuisance when
>mounting. Alternatively, Larsen makes a some no groundplane models -
>the OM-150K (144-148 MHz), the OM-220K (220-225 MHz) and the OM-440K
>(440-450 MHz). The OM-150K and OM-220K delivers unity gain without a
>ground plane and Larsen claims 2-2.5 db over a 1/4 wave with a ground
>plane of 1/2 wave or more. The OM-440K is claimed to deliver 2 db over a
>1/4 wave with no groundplane and 4 db over a 1/4 wave with a ground plane
>of 24 inches or more.
>
>My experience suggests you not route the antenna coax under the tank -
>this is usually next to the ignition coils and good for generating lots of
>noise. And a voltage dropping regulator for the radio is the best way to
>get clean power for the radio - motorcycle DC power is usually quite
>dirty. This will work fine for most handhelds, anyway. I eventually
>settled on throwing mine in a tank bag that plugged into regulated power
>at 10V from the bike.
>
>73, Bob.
>
>
>--
>rsmits@ham.island.net (Robert Smits, VE7HS)
>
Thanks Bob,
apreciate the help and info.
73's

Bill

268. Re: Rad shack HTX212..any Mods yet ?? problems etc..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: shamrock@buffnet.net
Message-ID: <406ef1$mj1@buffnet2.buffnet.net>
Source record: 214107

In article <40425u$nkv@alpha.sky.net>, rfisher@sky.net says:
>
>shamrock@buffnet.net (shamrock) wrote:
>
>>Anyone know of any mods to the HTX212..<worlds best kept secret>
>>would like to be able to put a couple of outband ..freq in memory atleast
>>to monitor...like weather freq..its a pain when have to keep switching
>>vfo/mem....
>
>>or adding more memory channels?
>>or way to only scan certain memory channels.
>
>NO mods are possible. I know I've posted this a couple of times and
>I've seen others say the same thing. There are no mods for extended
>RX , TX or memory. If anyone tells you different, they are either
>ignorant, or trying to get you to mess up your HT.
>
>>I like this unit but as usual rad shack falls short again....
>
>I disagree. I have one and think that for the price it is quite good.
>If you want one better, and there are quite a few, be prepared to pay
>the extra bucks and not have a local shop to take it into if you have
>a problem.

>>BTW any RADIO shack people out there know when basic accessories ie:
>> Power cord
>> packet adapter
>>will be available ??
>
>What kind of power cord? If it's a cigarette lighter cord, it's
>already available at RS for $3.99.

My local RS says they are on back order and don't know when they will
arrive

For an AC to DC regulated power
>supply, the 1A is 21.99, the 1.75A is 27.99, and the 2.5A is 32.99 (I
>think, those prices are off the top of my head). I would stay away
>from the 1A power supply. It does not have an AC ground, and I've
>noticed (or I should say the hams I've talked to have noticed) a lot
>of ac noise. The other two are properly grounded and should work
>fine.
>
>For packet I've heard that the MFJ-5024X or the MFJ-5024YV is what you
>need (the specific one is based on the TNC, or so I've been told).

>These are NOT RS cables, get them from a ham shop or mail order.
>
>
>Hope this helps,
>
>Rodney, KB0SPZ
>
Thanks Rodney
Bill

269. Re: Rad shack HTX212..any Mods yet ?? problems etc..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: shamrock@buffnet.net
Message-ID: <406eoi$mj1@buffnet2.buffnet.net>
Source record: 214108

In article <4049be$abh@news.csus.edu>, danb@acme.csusb.edu (Dan Brown) says:
>
>shamrock (shamrock@buffnet.net) wrote:
>
>: BTW any RADIO shack people out there know when basic accessories ie:
>: Power cord
>: packet adapter
>
> What kind of power cord? It comes with one, right?
Yep it do but I need a TWO ...one for car and one for home will do :)

Near as I
>can tell, the connector on the radio is just two .250 spade connectors at
>right angles to each other, which should be easy enough to duplicate from
>scratch.

Thats what I did...just wondering if OEM connector was avail.
yet..

A replacement for the original cord could probably be ordered
>from RS's parts warehouse, too. If you mean a power _supply_, to be able to
>run it from 120vac house current, I'd like to see us carry one too
.
It can be ordered... I got my ASTRON 20a from RS>

> As far as packet goes, RJ-45 connectors (for the mike input) are
>found with phone accessories, and the 1/8" mono plug is with other audio
>connectors and adaptors. The manuals for the radio and the TNC should
>have enough information to build a cable, at least for 1200 baud packet.
>
> I suspect (and hope) that accessories for the -212 will be in the
>1996 catalog, due to come out within a few weeks, but I don't know.
>
> --
> Dan Brown, KE6MKS
> danb@acme.csusb.edu
> Don't Tread on Me
Thankx
bill

270. Re: icom service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <406ld7$pm6@news.halcyon.com>
Source record: 214109

In article <7AUG199511122632@lmsmgr.lerc.nasa.gov>, lwwald@lmsmgr.lerc.nasa.gov (LARRY WALD) says:
>
>Well its nice to know some folks have been able to get
>their radios fixed there. I have had an ICOM 2410A
>back four times and it still is not fixed. The last
>time I even sent them a VHS video tape, illustrating
>what the problem was. The service note that came
>back said "loose connector". I doubt the tech. even
>saw the video (which I didn't get back either).
>
>So now I am trying to figure out where to send the rig;
>I heard about a guy in Atlanta that I might send it to.
>There is no point in sending it back to ICOM.
>
>Larry, KE8GW

What is the trouble with your 2410 ? I've owned one for 4 years with no troubles at all been a great rig for me. even used it as a cross band repeater during ARES functions for 8 hours straight with no problems. Always mounted in my truck.

Gary

271. FS: ICOM R70. A Steal!!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: rhys@ix.netcom.com
Message-ID: <406nu2$p3q@ixnews5.ix.netcom.com>
Source record: 214110

A STEAL - Compare to Drake, Lowe, Sony, etc...

ICOM R70 -- Quad Conversion Lab Quality Receiver 0.1-50 KHz
Superb reception of weak hard to hear signals
alongside powerful competing ones.

Filters: AM: 6KHz, SSB: 2.3 KHz, CW: 500Hz

Exceptionally effective PBT, Notch, & N.B. Tunes
in 10 Hz steps (displays 100Hz).

Nearly identical to R71A except no memories (2 VFO's)

I.F. Out & Record Jacks

!!!!!!!!!!!!!!!
!$375 -- O.B.O !
!--------------!
!!!!!!!!!!!!!!!

Call L. Wolken @ 2022919303 or write to rhys@ix.netcom.com

272. Re: Amateur (jerks) Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: jbaltz@watsun.cc.columbia.edu
Message-ID: <406qcl$is6@apakabar.cc.columbia.edu>
Source record: 214111

In article <DCvAw2.99F@world.std.com>,
Jim Martin <jjmartin@world.std.com> wrote:
>horrock@aol.com (Horrock) wrote:
>
>:>>I know that HRO employees are on the net.

Actually, I wrote the above.

>:>>Has anyone called up HRO to order anything recently and asked them
>:>> about it?

And I wrote the above, too.

>Jim Martin, WK1V | I speak for no one....not even myself.

//jbaltz
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@columbia.edu jbaltz@sci.ccny.cuny.edu KE3ML (HEPNET) NEVIS::jbaltz

273. Yaesu FRG-7 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: alarma@exis.net
Message-ID: <4071eb$jb5@grouper.Exis.Net>
Source record: 214112

My father just gave me a Yaesu FRG-7 receiver. We have put the antenna up but neither one us know what all the dials and indicators are for. The receiver was given to my Dad, but with no instructions. Any basic guide lines or hints would be greatly appreciated, something to sort of get me started in the right direction. thanx

274. Morse Code Program ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: swt@aloha.net
Message-ID: <4072rj$sf0@nuhou.aloha.net>
Source record: 214113
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swap

Aloha,

Does anyone out there have any information on a shareware program that teaches CW on a sound blaster ? Most of the ones I have tried, and it's been ALOT of them, work only with the P.C. Speaker. Even Super Morse sounds REALLY poor using a Sound blaster...

Any thoughts ?

swt@aloha.net
Steve W. Teegarden
WH6IC

275. Re: Amateur (jerks) Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: gregl@iglou.com
Message-ID: <DD0nr0.7oF@iglou.com>
Source record: 214114
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <3vldok$b2i@apakabar.cc.columbia.edu>,
jbaltz@watsun.cc.columbia.edu says...
>
>I also know that Radio City is on the net, but I haven't seen many
>complaints about them.

Can't say much, I guess. I ordered a Yaesu FT-2400 and an Astron RS-20M power supply from Radio City the week before Dayton 1994. Overall the person I spoke with was pleasant and answered all my questions. The prices quoted were on par with AES and HRO, but he whipped their shipping costs hand down.

I have never really gotten a good grasp on shipping charges. More to the point, if UPS charges $7.50 shipping, why does A charge $25 and B charge $15 when both are in the same zone?

It seems some companies are using "shipping charges" as profit enhancers of sorts.

--
==========
73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
AX.25 - ke4dpx@w4cn.#ncky.ky.usa.noam
Internet - gregl@iglou.com
==========

276. Re: Kenwood TS-520S opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: grhosler1@mmm.com
Message-ID: <407nuq$mho@dawn.mmm.com>
Source record: 214115

You can't go wrong with the TS-520S Billy. I have a pair of them and they have served me well for nearly 15 years. Use one at the lake home near Hayward and the other at the home QTH in Wyoming, MN. One of the units is finally starting to show signs of needing a new pair of finals (after almost of 12 years of daily use). They certainly aren't as selective as a new ICOM-775DSP, but then again the average asking price is about $3700 less! I wouldn't own one without a narrow CW filter. If you have any specific questions, feel free to call me evenings at 462-3370 or during the day at 733-4466. 73's & CUL

277. 3-500Z Open Filament Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: grhosler1@mmm.com
Message-ID: <407ora$mho@dawn.mmm.com>
Source record: 214116

I have a TL-922 with a pair of 3-500Z's that has performed well over the years however I had a problem this weekend that perhaps someone can shed some light on. When I fired up the amp and tuned it up I realized that there was very little output. After some time spent checking out the expected faults I finally found that pin one (filament) on one of the 3-500's had lost some of its solder. I resoldered it and am back in business (although not sure if the problem will rear its ugly head again). I would guess that the problem was caused by inadequate filament pin cooling (air flow), but would like to hear from others that have had similiar problems. I spend most of my time on CW so would think that the duty cycle shouldn't be a problem. Besides that the TL-922 has a delay built into it to maintain the cooling fan for a period of time after the amp has been turned off. Would appreciate any input regarding the root cause and possible fixes. 73's & GUD DX

278. Gunn Transceiver info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: s9231498@cs.sun.ac.za
Message-ID: <407i6r$chu@itu1.sun.ac.za>
Source record: 214117

Hi!

I am an undergraduate student in Electronic Engineering at the University of Stellenbosch in South Africa. For my final year project I have to build a 10Mb/s microwave data link. For this reason I need info on microwave transceivers, most notably Gunn diodes, etc. Unfortunately information is a bit hard to come by so I am turning to the Internet for help...

I am particularly looking for information at Gunn transceivers in the 10 to 11 GHz range. I am quite interested in the NEC ND751AAM Gunn transceiver, but I am unable to reach NEC through the net. Anybody out there know how to contact them, or at least get some info?

Thanks,
Pierre

279. Re: MilliAmps = how many watts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: cliff@pgh.nauticom.net
Message-ID: <DCz0wM.6u9@pgh.nauticom.net>
Source record: 214118

Dennis Lloyd (lloyd@cerritos.edu) wrote:
: I figured somebody here would now this...

: What does 1000mA = in watts, through a 12V line. I'm trying t find out the
: startup in watts of a hard drive. I hope this is in the right form. The spec
: sheet says for 12V line startup power is 1000mA
: and for a 5V line it is 400mA.

: I know this is probably the wrong newsgroup, but I'm sure somneone here can
: answer for me...

: Thanks a bunch

: Dennis
: lloyd@cerritos.edu

Try a variation of Ohm's Law:
E
I = --- ---> P = I * E (P = Watts, I = Amps, E = Volts)
R

Send me email if you have any questions and good luck!

73,

Cliff

--

+---+
|cliff@nauticom.net K3LL @ W3UDX.#WPA.PA.USA.NOAM |
| k3ll@nauticom.net "Adapt, Migrate, or Die." |

280. Re: Rad shack HTX212..any Mods yet ?? problems etc..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <407r3s$s1d@yrkpa.kias.com>
Source record: 214119

shamrock (shamrock@buffnet.net) wrote:
: Anyone know of any mods to the HTX212..<worlds best kept secret>
: would like to be able to put a couple of outband ..freq in memory atleast
: to monitor...like weather freq..its a pain when have to keep switching
: vfo/mem....

: or adding more memory channels?
: or way to only scan certain memory channels.

: I like this unit but as usual rad shack falls short again....

: BTW any RADIO shack people out there know when basic accessories ie:
: Power cord
: packet adapter
: will be available ??
. . . . . .
Try ftp oak.oakland.edu /pub/hamradio/mods Contains mods and updates for virtually every piece of gear out there. - 73 - John k3nxu
. . . . . .

281. Need source for QUAD-CTC CD 4792-4 Power Transistors

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: visions@news.gate.net
Message-ID: <407qk2$u5d@seminole.gate.net>
Source record: 214120

I am looking for a source for the QUAD-CTC CD 4792-4 power transistors
used in the RF amp section of a 444 Hercules amplifier. I was told by
Ten-Tec that they didn't fix that amp anymore, due no non-availability
of that particular transistor.

Thanks...

--

Ray Johnston (rayj@netrunner.net & visions@gate.net) Boca Raton FL USA

282. Re: Extended Tx DJ-582T IC-Z1A TH-79A(D) C-586A FT-51R?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DCzyu6.6AB@world.std.com>
Source record: 214121

x400.den.mmc.com (Hose A) wrote:

:>As a newbie to amateur I was wondering if any or all of the following HT's
:>are modifiable for TX in VHF band? I'm a Volunteer FF and EMT in Bailey,
:>CO and would like to use the radio for some calls as well as Ham related
:>activities.

:>Thanks in advance

:>Alinco DJ-582T
:>ICOM IC-Z1A
:>Kenwood TH-79A(D)
:>Standard C-586A
:>Yaesu FT-51R

Joe, they all are. FCC Type Acceptance is required, however, for
radios to be used in the FF and EMT service frequencies. None of
these radios are type accepted for that use, nor are they guaranteed
or warranted for use outside of the amateur bands.

I know many are doing it and not everyone will get caught but getting
caught could subject one to equipment confiscation and hefty fines.
[Just thought you'd like to know that.]

==
Jim Martin, WK1V | I speak for no one....not even myself.
Lowell, Massachusetts |
USAF(Ret) 1973-1993 |
Ex-KB1LW-N1CLS-KA5MWD-HL9ZF |
==

283. Re: Amateur (jerks) Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DCzyuq.6CG@world.std.com>
Source record: 214122

jbaltz@watsun.cc.columbia.edu (Jerry B Altzman) wrote:

:>In article <DCvAw2.99F@world.std.com>,
:>Jim Martin <jjmartin@world.std.com> wrote:
:>>horrock@aol.com (Horrock) wrote:
:>>
:>>:>>I know that HRO employees are on the net.

:>Actually, I wrote the above.

:>>:>>Has anyone called up HRO to order anything recently and asked them
:>>:>> about it?

:>And I wrote the above, too.

Oh, okay. Sorry Jerry. I just pressed buttons and stuff and did not
intentionally attribute text to someone else.

Cooooool!

Cheers!
==========
Jim Martin, WK1V | I speak for no one....not even myself.
Lowell, Massachusetts |
USAF(Ret) 1973-1993 |
Ex-KB1LW-N1CLS-KA5MWD-HL9ZF |
==========

284. Re: Kenwood TS-520S opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: ssgreen@aerospace.aero.org
Message-ID: <ssgreen-080895082024@greenberg-t.aero.org>
Source record: 214123

In article <405v16$r07@newsbf02.news.aol.com>, billv21572@aol.com
(BillV21572) wrote:
>
> Hello all,
> I'm angling to buy a Kenwood TS-520S transceiver, and would like to hear
> what other peoples experiences have been with it. I plan on using it
> initially on the 10 meter novice voice band. Any comparisons to the
> 520SE? I really don't know this rig well, so would appreciate any input
> from users out there. Thanks. Sincerely,
> Bill Vanstralen KA9HLN St. Paul, MN (612)688-2552 billv21572@aol.com

Hi Bill

I had a TS520S for many years and it was always a top performer. Never had the slightest bit of trouble with mine. In 10 years of ownership, I changed out the finals once. I always got good audio reports, good cw reports on tone and character reception, and the receiver was always hot. The noise blanker was really quite effective against pulsating noise. All in all, I would highly recommend it to a novice. I don't know what the differences were with the 520SE, but I sure it was the same basic rig. Try and find one with the CW filter installed. The filter may be hard to come by sepparately, but it adds much to the receive quality to the CW.

Good luck and 73s
Steve, WA6TAF.

285. Re: Extended Tx DJ-582T IC-Z1A TH-79A(D) C-586A FT-51R?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: craigb@sdd.hp.com
Message-ID: <40821jlNN8pn@hpsdlgd9.sdd.hp.com>
Source record: 214124

In article <406pqd$6pp@newsbf02.news.aol.com> rickcrider@aol.com (RICKCRIDER) writes:
>Ohhhh........Joe.........DUCK NOW!!!!!!!!!!!!

Rick (and Joe), I'm sorry if you take this as a flame, but it is a Bad Thing to use an amateur radio on public safety or commercial bands, for a number of reasons.

1. You will get in trouble with the license holder. For your law enforcement friends, this means that their radio officer will chew out their captain who will make your friends' lives unpleasant.

2. You may get in trouble with the FCC. You don't want this, trust me.

3. You will hurt Amateur Radio. Transmitting with non type accepted equipment adds to the perception of hams as unprofessional bootleggers and hackers. (There are many radio and public safety professionals who really feel this way.)

4. If enough people are caught using amateur radios out of band, the government will impose greater restricitons on the equipment manufacturers, increasing costs for everyone.

The reason manufacturers "make their rigs capable," is not to tease you. To the manufacturer, the rigs are not modifiable, they are *configurable*. If a manufacturer can make one rig to work in many markets throughout the world, costs go down for him, and prices go down for us.

Please, think hard before you transmit out of band.

73 de Craig
--
Craig Bosworth, KD6WQH Hewlett Packard, San Diego Division
craigb@sdd.hp.com kd6wqh@wb6dgr.#soca.ca.usa.na +1 619 655 8609

286. Re: Looking for PREAMP NPN Transistor 2SC1815

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug8.154957.23923@ke4zv.atl.ga.us>
Source record: 214125

In article <Pine.3.89.9508071218.A3600-0100000@corn.cso.niu.edu> z931205@corn.cso.niu.edu (David Kim) writes:
>Cross Referenced: 2SC1815 (General Electric?, correct)

Japanese, the 2SC series are silicon bipolar
transistors in the Japanese numbering system.

> SK312A (RCA)

RCA's SK line is defunct, closed when GE bought
RCA. (Phillips may have absorbed it when they
bought the parts of RCA that GE didn't want.)

> ECG289 (Sylvania)

ECG is owned by Phillips now.

>Having a helluva time finding a place which carries this transistor,can
>someone give me info on where to find General Electric brand transistors?

I believe GE shutdown or sold their transistor line around the time they
bought out RCA. Not that that's relevant, your transistor is Japanese.

>Any info on good mail-order places to get these from would be appreciated.

According to the current Phillips replacement guide, what you need is
the ECG85, a NPN silicon GP switching transistor. That should be available
nearly anywhere ECG parts are sold, IE darn near everywhere parts are
sold. Any of the bigger distributors such as Allied, Newark, Hallmark,
Wyle, etc, will stock them (and most of the remaining mom and pop operations
will too). Even Radio Shack can order it for you under their express
parts system.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

287. Re: Newbie question: Emergency Calls

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: walt@lfs.loral.com
Message-ID: <4080t8$12d6@watnews1.watson.ibm.com>
Source record: 214126

This sunday evening I was first on the scene at a motor vehicle accident. So I hauled out the 2M HT, looked up the local repeater, and did a "CQ, need an emergency call", got a local ham to make a 911 call for me.

However, some of the repeaters with phone patches are listed with option "Z" in the directory, direct access to law enforcement or emergency services. As a transient, I don't have phone patch access, but can I access the emergency service without knowing the unique codes?

How do I do this? If it had been 02:00 in the morning, I might not have found a fellow amateur listening on the repeater...

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

288. Kenwood TH-77A : Need UHF board. Anyone selling?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: kalusros@primenet.com
Message-ID: <408avi$8q5@nnrp3.primenet.com>
Source record: 214127

If you have Kenwood TH-77A, and for some reason you can just sell UHF board, drop me a line.

Mark
N6WZL

289. Help! Need schematics for FM Transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: vcl@mickey.cc.utexas.edu
Message-ID: <408b9i$vk@geraldo.cc.utexas.edu>
Source record: 214128
Cross-posted to: sci.electronics,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Hi. I was wondering if anyone had schematics for a small FM transmitter.
I need to design a wireless FM microphone for a school project. It needs to
be capable to transmitting to at least 20 feet away, to an ordinary FM
receiver. E-mails would be appreciated, but I will check the newsgroups.

Thanks!

--
Victor Limary |The University of Texas at Austin
vcl@ccwf.cc.utexas.edu |http://ccwf.cc.utexas.edu/~vcl/
|http://www.utexas.edu/students/alphachi/

290. WTB PL(CTCSS) BOARD

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: Scott Grillo <74273.366@CompuServe.COM>
Message-ID: <408e6c$p4o$1@mhafm.production.compuserve.com>
Source record: 214129

I am in the process of resurrecting a Clegg FM-27B 2M rig.
Because of where I live, it is imperative to have PL, which is
obviously not in the rig. Ideally, a Communication Specialists
PL board would work, but for a rig that cost $30, a $30 to $40
board is prohibitive.

If anyone has an old 'add-on' PL board that they would like to
sell, please E-mail me at 74273.355@compuserve.com with your
asking price, model and if the board is currently working or not.

Thanks in advance!

Scott N1UUV

--
S. Grillo
DXR/HPN BE200 Cpt.

291. Re: Morse Code Program ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DD0DFK.MDJ@world.std.com>
Source record: 214130

swt@aloha.net (Steve W. Teegarden) wrote:

:>Aloha,

:>Does anyone out there have any information on a shareware program that
:>teaches CW on a sound blaster ? Most of the ones I have tried, and it's
:>been ALOT of them, work only with the P.C. Speaker.
:>Even Super Morse sounds REALLY poor using a Sound blaster...

Whew! So, I'm not the only one whose noticed this. Although I have
used SM for years, I am not impressed by the capability to use SB.
[Finger in throat--blechhh!] I prefer to use the computer's speaker
where the tones are at least somewhat variable. I don't use SM to
compose music.

I am unable to obtain a comfortable tone using SB. Just preset
musical notes. Lee I hope you're reading this.

Cheers!

```
==========================================================================
Jim Martin, WK1V | I speak for no one....not even myself.
Lowell, Massachusetts |
USAF(Ret) 1973-1993 |
Ex-KB1LW-N1CLS-KA5MWD-HL9ZF |
==========================================================================
```

292. Problem with BP-7B

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: mruss5679@aol.com
Message-ID: <408j0k$i6c@newsbf02.news.aol.com>
Source record: 214131

I use a "generic" BP-7B 13.8v 600ma battery pack for a HT. I say generic because there is not a manufacture plate on it, but the circuit board in it says BP-7B. The problem arose oneday when I could no longer transmit with it. The cells check out fine, the resistors and transistors all seem to check out, but I can not get any voltage to either the testing screws at the bottom, or to the plate at the top. Has anyone had any expreience with the relay contacts going bad? When the pack is on charge the relay energizes and the charge light comes on. I'd rather not throw away $50.00 that I spent on it, so I am wondering if anyone has any information on the problem, or where to send it to be repaired.

Thanks for any info...

Michael Russell, K8RSU

293. 2m HT battery needed...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: sborg1@aol.com
Message-ID: <408j2l$i6i@newsbf02.news.aol.com>
Source record: 214132

I'm looking for a replacement battery for my Kenwood TH-215A HT. I need a PB-1 800mAh battery. Any help with this one would be greatly appreciated.

..Sean

KB6TIN

294. Re: What resistor to use as a dummy load with QRP rig?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <4081n1$c33@mgate.arrl.org>
Source record: 214133

I got an email that said Radio Shack metal oxide
resistors looked inductive, though he didn't have
the test equipment to make a measurement.

Anyway, I went ahead and bought two RS 271-152A
100 ohm 1 watt resistors and wired them up in
parallel.

The return loss is about 34 dB at 1 MHz (pretty good
measurement, the HP reference I use is about 54 dB)
It seems to get better with increasing frequency--to
about 39 dB RL, though this could be due to the coupler,
which indicates only 43 dB of return loss with the HP
reference.

For those who think in terms of SWR, a 34 dB RL is
a 1.04 to 1 SWR.

I've yet to hear a report involving actual
measurements of metal oxide resistors having
inductance significantly in excess of what you
might expect from the size of the resistor.

Zack zlau@arrl.org

12 grids/8 states on 10 GHz

Looking for SSB/CW skeds for the
10 GHz contest Aug 19/20th
WBFM 150 mW/3dB NF 10.7/30 MHz IF
SSB/CW 630 mW/1.2 dB NF

295. Those little rig amps...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: depaul@spk.hp.com
Message-ID: <DD0IMv.A56@hpcvsnz.cv.hp.com>
Source record: 214134

Hello.

I just recieved the SB1000 and noted that it has three of its little lamps burnt out. Where can I get a replacement? Or better yet, are there cheaper replacements that I could get, say, at the local hardware or automotive store.

The same questions goes for the FT101E and the TS830S...

Thanks,
Marc

296. Address of Matsushita Com

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: EUGENE.WELCOME@rook.wa.com
Message-ID: <01969F91@rook.wa.com>
Source record: 214135

>I bought a "Mobile Telephone Transceiver Unit" model EF-6105EA
>for $5 (from the Salvation Army store!) and need to contact the
>manufacturer to get the control head. Anyone know the U.S.
>address for Matsushita Communication Industrial Co. Ltd.?
>
>Thanks in advance!
>
>Jeff NH6IL
>
Try Matsushita Services Co. 1-800-447-4700 Electronic Parts Div.
50 Meadowland Parkway
Secaucus, NJ. 07094

I found this in Howard Sams Index 1994 edition. This may get you into
the right place or they can direct you where to obtain what you need.
73, Gene, K7"EEK" !! a Mouse !!!
eugene.welcome@rook.wa.com

297. IC706 antenna connectors?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDD0Hzo.Eq@netcom.com>
Source record: 214136

Does anyone know the antenna connector configuration on the IC706? Is it a single UHF connector, or are there separate connectors for 2M and 6+HF or some other arrangement?

Thanks,

73 Dave WB0GAZ dgf@netcom.com

298. Need Recommendations for Deep storage Battery

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: robertl@freenet2.scri.fsu.edu
Message-ID: <407s4i$rfo@freenet3.scri.fsu.edu>
Source record: 214137

With a really bad hurricane season coming, I need some
recommendations for deep storage 12 volt batteries. Let me know.
Thanks,
Robert
KD4MNY

Organization: Tallahassee Free-Net

--
ROBERT LAKIN - KD4MNY
INTERNET ADDRESS robertl@freenet.tlh.fl.us
Work (904) 488-7541 Home (904) 893-8346

299. Wanted: TS-520S Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: Roland Hamel <hamel@gdc.com>
Message-ID: <407ta9$e0@gate2.gdc.com>
Source record: 214138

I am currently looking for a manual for a Kenwood TS-520S Transceiver. I would appreciate any info on a source. Tnx es 73, WV1J

300. Re: Intermod rejection (was Re: 2m/440 Mob

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: fas@exu.ericsson.se
Message-ID: <4080rn$t1e@cnn.exu.ericsson.se>
Source record: 214139

:The main reason Comm equip cost soooo much more is they have to meet TIA/EIA specs. Ham equipment doesn't .Therfore IM is less. talk to a rpt from a comm ht and listen on a ham ht (abt a mile from rpt) and see if you can hear the rptr. now try it the other way! 73 KA2FWC

_____
Frank Scaraglino scaraglino@egertp.ericsson.se KA2FWC

301. Re: MOTORCYCLE antennas..2mtr and or 440 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: mgb@slac.stanford.edu
Message-ID: <mgb.299.3027E3DF@slac.stanford.edu>
Source record: 214140

In article <4032sv$b3a@buffnet2.buffnet.net> shamrock@buffnet.net (shamrock) writes:
>Path: nntp.Stanford.EDU!news.Stanford.EDU!bloom-beacon.mit.edu!newsfeed.internetmci.com!news.sprintlink.net!buffnet2.buffnet.net!usenet
>From: shamrock@buffnet.net (shamrock)
>Newsgroups: rec.radio.amateur.equipment
>Subject: MOTORCYCLE antennas..2mtr and or 440 ?
>Date: 6 Aug 1995 18:50:07 GMT
>Organization: buffnet
>Lines: 6
>Message-ID: <4032sv$b3a@buffnet2.buffnet.net>
>NNTP-Posting-Host: buffnet5.buffnet.net
>X-Newsreader: WinVN 0.92.6+

>Anyone have any suggestions for mounting and or antenna to use on a
>motorcycle.. not same ground plane as car..

>thanx

>shamrock@buffnet.net
I mounted a comet 2m/440 on a "L" bracket attached to my sissybar. I've got a 87 Shadow 1100 and use it when I shepherd bicyclists on the Santa Cruz MS Bikeathon. Worked great on both 2m and 440 both on a repeater and simplex.

Michael Barbitta

302. Rick KD4FXA

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: x400.den.mmc.com
Message-ID: <x400.den.mmc.com-0808950920330001@mac-athena.den.mmc.com>
Source record: 214141

Rick Crider
<rickcrider@aol.com>
KD4FXA

Dear Rick

Thanks for your timely response and the very appropriate heads-up. As a former licensed General Radio Telephone operator for the Broadcast Industry, I understand an appreciate the consequences/ramifications of my actions. No one has more disgust for hackers and those who operate outside of the law than myself. But there comes a time in every mans life when he realizes he has enough gadgets (wife applauds in background). My goal is to reduce and combine the amount of stuff I carry around, It's probably just a pipe dream though.

Anyway... thanks again for your response and if you have time could you pass on some information or point me in a direction to get information about the Alinco DJ580. I'm just starting my research and don't have a lot of background material yet.

Joe Hawkins

303. Yaesu FT51r DC supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: rmcgarra@prairienet.org
Message-ID: <4086bm$t18@vixen.cso.uiuc.edu>
Source record: 214142

I recently bought an FT51r and it is an excellent radio. I can vouch for all who have said the computer programable interface is a great feature. My question is in regards to powering this radio from a DC supply. My old FT470 had a PA-6 adaptor with positive and negative connections which was easy to hook up to a DC supply. The 51r has four terminals, Batt, Batt Sel, Gnd, and Adaptor. The radio doesn't respond to just connecting a supply to the Batt and Ground terminals.

Has someone out there figured out how to power this radio from DC without having to use the E-DC-12 adaptor? I just don't like the idea of leaving my battery in the charging circuit all the time when I'm using the radio as a base station. Thanks.

Bob McGarrah
KB9CPH

304. Power connector for IC2GXcom 2GXAT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: miller@polaron.physics.colostate.edu
Message-ID: <408ad5$hlp@polaron.physics.colostate.edu>
Source record: 214143

Can someone help me locate a source for the external power connector for an Icom 2GXAT? I called Icom customer service, and they will only sell the entire transformer unit. I don't need the transformer, just the connector that plugs into the top of the unit. This connector is a bit unusual, in that is "gender reversed" compared to about any other piece of consumer electronics sold within the last 5 years. A visit to the local RS store failed to turn up the proper plug. I still have a few other local sources to check, but I would appreciate hearing from anyone who knows a source for this connector.

I had cut the cord on my transformer, and spiced it back together using a standard connector rather than soldering it. This way I could plug the HT into a variety of 12V sources. Unfortunatly the short cord with this plug on it has gone MIA.

Thanks,

Al

--
Allen Miller PP-ASEL KB0NDD miller@lamar.colostate.edu

305. DJ-180 Frequency range

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: JHGK51C@prodigy.com
Message-ID: <408b6v$l0o@usenetw1.news.prodigy.com>
Source record: 214144

If you only have 140 to 148 MHz range on your DJ-180, it must be reset to expand it to the normally available range of 137 to 174 MHz.

Turn radio off.
Hold down the LAMP key while you turn the radio on.

It that doesn't do it, repeat the above while holding down both the LAMP key and the FUNCTION key and turn the radio on. (This proceedure given on a repair report from Alinco).

It is a mystery why this is not in the manual.

The DJ-180 can be made to transmit on all frequencies with a simple wire-cut.

Rod W6MWB

306. Kenwood TH-77A : Need UHF board

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: kalusros@primenet.com
Message-ID: <408bnr$gb2@nnrp2.primenet.com>
Source record: 214145

Whatever the reason, anyone selling just the UHF board? It must be in a working condition. E-mail me if you are selling.

Mark
N6WZL

307. Craig KD6WQH

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: x400.den.mmc.com
Message-ID: <x400.den.mmc.com-0808951337340001@mac-athena.den.mmc.com>
Source record: 214146

Thanks for your reply. Message copied and understood.

Joe Hawkins

308. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: rodell@netcom.com
Message-ID: <rodellDD0LLJ.LCw@netcom.com>
Source record: 214147

I think your post is in poor taste.

Although ACC designs weren't all that 'contemporary', their reliability
using proven technology is still incredible. I was impressed with the
combination of 'features' with 'usability' and 'reliability'.

```
--
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
_/_/ Robert W. Odell (WA2WLH) Voice: (801) 536-4795 _/_/
_/_/ Salt Lake City, Utah,U.S.A. CP-ASEL, AMEL _/_/
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
```

309. Re: Problem with BP-7B

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <408pp9$tv2@news.ccit.arizona.edu>
Source record: 214148

mruss5679@aol.com (MRuss5679) writes:
>I use a "generic" BP-7B 13.8v 600ma battery pack for a HT. I say generic
>because there is not a manufacture plate on it, but the circuit board in
>it says BP-7B. The problem arose oneday when I could no longer transmit
>with it. The cells check out fine, the resistors and transistors all seem
>to check out, but I can not get any voltage to either the testing screws
>at the bottom, or to the plate at the top. Has anyone had any expreience
>with the relay contacts going bad? When the pack is on charge the relay
>energizes and the charge light comes on. I'd rather not throw away $50.00
>that I spent on it, so I am wondering if anyone has any information on the
>problem, or where to send it to be repaired.
>Thanks for any info...
>Michael Russell, K8RSU
The Icom BP7 used a tiny length of fuse wire on the circuit board. This
happened to me once and a few people I know. I don't recall if the pack
would still charge or not. But try inspecting the board for a very small,
very blown, "fusable link". They looked like a small piece of bare wire, as
I recall.
Chris, N7RME

310. Re: Amateur (jerks)Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: gregl@iglou.com
Message-ID: <DD0n1n.782@iglou.com>
Source record: 214149

In article <3vlv1q$j8s@odin.sunquest.com>, terry@venus.sunquest.com says...
>
>Personally, I haven't bought *any* ham gear mail order. I support a
>local retailer who gives me advice, gives me service, charges a fair
>price, and keeps me happy. I don't mind buying mail order when I know
>exactly what I want and don't need advice, but if you like the service
>your local retailer provides, you'd better give him your business so
>he'll still be there the next time you need help.

Unfortunately, not all of us are lucky enough to have an amateur radio dealer
within 100 miles. There is a CB store nearby run by a ham and he carries some
ham gear -- mostly antennas and such. He says he has tried to get Kenwood,
Yaesu and Icom gear but no dice. So for me it's mail order or Radio Shack, and
we all know Radio Shack doesn't carry HF gear.

>Terry R. Friedrichsen
>
>terry@venus.sunquest.com (Internet)
>uunet!sunquest!terry (Usenet)

--
==========
73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
AX.25 - ke4dpx@w4cn.#ncky.ky.usa.noam
Internet - gregl@iglou.com
==========

311. Reviews wanted: TS-850 & Omni VI

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: pklein@news.seattleu.edu
Message-ID: <4091a5$5kp@bach.seattleu.edu>
Source record: 214150

I'm looking for reviews of the Kenwood TS-850S(AT) and the Ten-Tec Omni VI. I checked the ARRL site, and they had only a digest of a QST reviews for the last 2 years, and bitiographies for earlier years.

Anybody know where I can find reviews on-line? Personal opinions on the above radios welcome, too.

Thanks - Peter, KD7MW
--
Peter A. Klein (pklein@seattleu.edu) : -------==3== --- ---
Information Services : | | | | | | | |
Seattle University : @| @| @| @| @| @| @| @|

312. FS: Bearcat 100XLT Handheld Scanner & Motorola Sprint Pro HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: creal@nando.net
Message-ID: <4092oj$97l@parsifal.nando.net>
Source record: 214151
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,alt.radio.scanner

For Sale: Bearcat 100XLT Handheld Scanner
100 channels with battery pack, ac adapter, manual,
(no box)
Freq Ranges (29-54, 118-174, 406-512)

Motorola Sprint Pro Handie Talkie
with battery pack, no charger, green dot freq (154.600)

Both are in very good condition/working order. Will sell for best reasonable offer 10 days from this post. (Reverve right to refuse all offers). Include shipping charges in your bid(s). Please email bids or for more info.

Cheers,

Rich Creal

313. FT-530 Package

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: "David Fruehwald"@cais.com
Message-ID: <406cjc$69r@news.cais.com>
Source record: 214199

```
FT-530
- YHA-28 Antenna
- 7.2V 600mah battery

EDC-5B
- 12V cigarette lighter adapter with noise filter

Comet B20NMO
- 2M & 70cm Dual band antenna
- 2.15db on 2M and 5.0db on 70cm

Larson
- Trunk lip NMO antenna mount
- 12 feet of coax with Solderless BNC connector

Asking $360.00 will pay shipping, please respond via EMail to davidf@cais.com
```

314. ICOM 2 Meter all mode for swap...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: whittyd@nbnet.nb.ca
Message-ID: <877cb$142e7.304@NT>
Source record: 214200

I have an IC 251 (10 watts, all mode) to swap for a 2 m mobile, ht and accesories, something fo HF or something interesting. It is in excellent shape and includes manuals and I will even throw in a Daiwa preamp.

Any offers?

(I have replaced it with a Yaesu 736R...)

Don Whitty

whittyd@nbnet.nb.ca

315. Re: HTX-202 and Customer Service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-08 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDCyx1A.7tC@netcom.com>
Source record: 214201

J. Duffy Beischel (gamma7@ix.netcom.com) wrote:

: Jim,

: I agree with you on one point, the RS stuff is definately disposable!

Well, we will see how the 202 and 404 hold up. So far, not one problem.

I usually avoid RS because of their - rumored to be defunct - insistence on the last four of a customers phone number. Fortunately, the manager of the store where I got both HTs is a member of our club, and not the standard idiot.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

316. Re: Yaesu FT51r DC supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: Thomas May <71706.1432@CompuServe.COM>
Message-ID: <40b8r1bvm1@mhadg.production.compuserve.com>
Source record: 214002

The yaesu EDC-1 (?) is a great DC adaptor. It clips onto the bottom the radio, powers it at 11.5V and trickle charges the battery at 50ma! the clip is quite small, the regulator is in the cigarette lighter plug!

Tom KA3GYI

317. Re: Yaesu FT-900 -- Want User Opinions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: nepaleduc@aol.com
Message-ID: <40b9et$dib@newsbf02.news.aol.com>
Source record: 214003

I have had a FT-900 for about two months, love the memories (previously TS430S) and the built in Antenna Tuner.

Memory access is a bit more complicated than Kenwood, plus the 10 meter sensitivity isn't anything great - the TS-450 is supposed to have devoted special attention to 24-30 MHz receive performance I believe. Note that I am using it as a shack transceiver, so haven't taken advantage of the included separation kit. For your mobile application it would be great.

73

Rob
ZL2AXQ

318. Standard C508A Dual Band Micro HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: nepaleduc@aol.com
Message-ID: <40ba1l$do6@newsbf02.news.aol.com>
Source record: 214004

Has anyone any experience with this new HT? Looks like a nice extension
of the C108A to include both 2m and 70cm, all in about 5 ounces!

73

Rob
ZL2AXQ

319. Re: DSP Recommendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: phil.heaton@totrbbs.radio.org
Message-ID: <11363.12.uupcb@totrbbs.radio.org>
Source record: 214005

MA> Does anyone out there have any recomendations on a DPS unit to help
MA> eliminate power line noise. Both the JPS and Timewave advertisements
MA> claim to eliminate power line noise but do they?

If you're a homebrewer, you might want to check out the July
1994 issue of QST. It has a "null-steerer" you can build and would
out noise blank any DSP. The secret is to eliminate the problem
BEFORE it get's to the AGC. Someday, maybe someone will build a DSP
that processes the IF rather that the AF...Good Luck!

Phil, KE4KRT
___ Blue Wave/QWK v2.12

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

320. Re: Help, HEATKIT SB-303

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <40bcaq$4d5@nuclear.microserve.net>
Source record: 214006

cima@hagar.ph.utexas.edu (Giuseppe Cima) wrote:
>I want to buy a receiver and I wouldn't mind buying a former kit with
>all the documentation. There is one for sale on
>re.radio.amateur.swap, a Heat SB-303, does anybody know if would be a
>good general coverage receiver?

The SB-303 is Ham band only - it does not have general coverage.

Jack WB3U

321. Re: Morse Code Program ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <40bcf2$4d5@nuclear.microserve.net>
Source record: 214007

buddy10@aol.com (BUDDY10) wrote:
>Try NuMorse. It sounds great on my SB.

What's the exact filename? Is it available on the net?

Thanks,

Jack WB3U

322. Re: YK-88SN-1 KENWOOD SSB FILTER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <40anfh$nhm@safety.ics.uci.edu>
Source record: 214008

In <40ai88$1u6l@news-s02.ny.us.ibm.net> jagon@ibm.net (Jose Antonio Gonzalez) writes:

>Does anyone know why I have to use de IF SHIFT knob on LSB mode to get
>a good voice sound, but not in USB mode when I use this filter?. Is
>there a problem:

>1. In the rig?
>2. In the filter?
>3. There is no problem! (!?)

No problem, you need an adjustment. Maybe. Your IF shift control moves the filter through the IF frequency, and the center frequency is at top dead center of the IF shift control, at least when it leaves the factory, and using the standard filter. Your Narrow filter might actually have a slightly different center frequency, offsetting the IF shift effects.

The thing to check is whether there is somewhat the same effect with the standard filter in, even if it is slight. If you notice the same problem on a reduced scale, or if your transmitted audio seems not quite right (check on your next comfortable QSO, switch from USB to LSB with the station and ask if the nature of your audio has changed....). Then, pick up a service manual and do the adjustments. On my Kenwood 440, I needed to adjust the carrier oscillator and some other stuff to get the IF shift just right and to get the transmitted audio right after I installed a new pair of filters. I suspect something similar is what you would need.

Clark
WA3JPG

323. Regency Commercial VHF Radio Programming Instructions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: dpbaker@lilly.com
Message-ID: <1995Aug9.084833.5791@inet.d48.lilly.com>
Source record: 214009

I have received a Regency Model VHF radio. It is a large
radio with a keypad on the front. It can be programmed from
the keypad by placing a jumper inside the radio. Currently,
I have no instructions on the programming process. Does
anyone have access to this information?

Dave Baker

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

324. Re: Motorola and Kenwood Radios for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: "George T. Williams Jr." <n6nkt>
Message-ID: <40ba9d$rtm@dodge.eng.sc.rolm.com>
Source record: 214010

How much are you looking for?
--
George T. Williams Jr. Ham Call: n6nkt
Mfg Systems Engn Group n6nktamg2@netcom.com
Santa Clara
(408) 492-2766

325. Re: DPS Recomendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: Grant H Youngman <us007699@interramp.com>
Message-ID: <40bhot$sdc@usenet1.interramp.com>
Source record: 214011

mikewo6o@qnet.com (Michael Adams) wrote:
>Does anyone out there have any recomendations on a DPS unit to help
>eliminate power line noise. Both the JPS and Timewave advertisements
>claim to eliminate power line noise but do they?
>
>Any input/recomendations would be greatly appreciated.
>
>Mike in Lancaster, CA
>

If your problem is REALLY noise being radiated by power lines close to your location then something like the ANC-4 from JPS could be a MUCH better solution for you than a DSP.

There are a number of reasons, but the primary one is that it is better to eliminate the noise BEFORE it gets into your receiver and destroys the noise floor, generates problems with receive-end phase noise and screws up the AGC response. Remember, that audio DSP processors are applied AFTER any damage has already been done to receiver performance.

DSP units definitely have a place. I would find it hard to be without one now that I've used them for a while. But the ANC-4 might give you much better results over all for this specific type of problem. I have severe powerline noise at my location -- a combination of trash that the local power co-op either can't or won't fix, and reradiated "touch lamp" trash from a couple of neighbors. The ANC-4 (with an external noise antenna, just a short whip, located out between my antenna and the power lines gives far superior results compared to DSP processing alone.

Grant/NQ5T

326. Need Info on Yaesu FT-51R!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <40bjv9$cf0@sloth.swcp.com>
Source record: 214012

Hello All,
I am looking for some info on the Yaesu FT-51R. Are there any
problems with it? Likes? Dislikes? Also, I have heard that some of
them get spider-cracks near where the battery connects and it needs to
be replaced. Is this true? Also, any other info on this rig would be
appreciated!
I am interested in buying one and want some info about it before I
do so. Thanks!

Please reply at: n5zgt@swcp.com

73,
Brian, N5ZGT...

327. Need info on Kenwood TH-79A!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <40bk22$cf0@sloth.swcp.com>
Source record: 214013

Hello,
I am looking for some info on the Kenwood TH-79A dual-band HT. Any problems? Likes? Dislikes? Any other info would be appreciated.
I am looking to buy one and want some info about this rig before I do so.

Please reply at: n5zgt@swcp.com

Best of 73,
Brian, N5ZGT...

328. Re: Are there any mods for a rx HTX-202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: morganp@freenet.edmonton.ab.ca
Message-ID: <Pine.A32.3.91.950809120603.25266A-100000@fn1.freenet.edmonton.ab.ca>
Source record: 214014

I found out that there is one mod for the HTX-202, duct tape a scanner to it.

73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo---

329. Re: Morse Code Program ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: U54293@uicvm.uic.edu
Message-ID: <95221.115444U54293@uicvm.uic.edu>
Source record: 214015

Try morse-academy (it's the one I am using)..it works via soundblaster.

-boB

330. Re: DPS Recomendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <40at56$sge@tivoli.tivoli.com>
Source record: 214016

In article <40aklu$jvh@mandolin.qnet.com>, mikewo6o@qnet.com (Michael Adams) writes:
|> Does anyone out there have any recomendations on a DPS unit to help
|> eliminate power line noise. Both the JPS and Timewave advertisements
|> claim to eliminate power line noise but do they?
|>
|> Any input/recomendations would be greatly appreciated.
|>
|> Mike in Lancaster, CA
|>

Mike,

I just bought a Timewave DSP-59+ a few days ago, and am very pleased with
it. I have had the opportunity to try it out with some rather severe
line noise, and it works very well. In one case, it dropped an S-7
noise level to virtual inaudibility. I am finding the unit very useful
overall, and it is very well made.

73,
Jeff, KC1MK

331. Motorola and Kenwood Radios for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: mdoyle@ix.netcom.com
Message-ID: <40b5bb$ep9@ixnews5.ix.netcom.com>
Source record: 214017

1. Kenwood TH-78-AT VHF/UHF Handheld Radio. Modified to transmit from 136-174 MHz on VHF and 420 - 500 MHz on UHF. 50 Channels, 25 channels if Alpha-Numeric utilized (up to 6 characters). 3, 2 1/2 and 1/2 W output with small battery, 5 W output with large, heavy duty battery. Complete with antenna, programmable speaker mike, ear/microphone, add'l battery, high gain dual band antenna, rapid charger and belt clip. Radio is less than 1 year old. Excellent Condition.

2. Motorola HT-600 (AKA P200) UHF Handheld. Radio is not field programmable; it may be programed via computer w/cable. 6 channels, 5 W output. Complete with charger, extra battery, porta-clip and speaker mike. Excellent Condition.

Please Reply via E-mail (questions and pricing) to: mdoyle@ix.netcom.com.

332. Do you own TS-820 with CW filter installed?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: jeff.sumberg@sailboard.com
Message-ID: <8AED519.012D00169D.uuout@sailboard.com>
Source record: 214018

If you own a Kenwood TS-820 and have the CW filter installed, would you please EMail me. I am experiencing an odd problem with the radio and filter, and I don't think it's normal.

I'll explain more when you Email, to cut down the bandwidth. Thanks.

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

333. Re: Kenwood TS-520S opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: jeff.sumberg@sailboard.com
Message-ID: <8AED51E.012D00169E.uuout@sailboard.com>
Source record: 214019

The day I got my HF privileges, a buddy of mine gave me his TS-520 to use until I could pick up a rig of my own. I used it for about 3 months, and it's a very good rig. Simple to operate, easy to tune, very forgiving.

You will be very happy to own one.

In fact, when I did get a rig, I ended up with a TS-820S, which is just a newer version of the 520. It uses the same transmitter section as the 520 (3 tube), and looks very similar.

If you can get a good price, go for it.

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

334. Re: YK-88SN-1 KENWOOD SSB

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: phil.heaton@totrbbs.radio.org
Message-ID: <11364.12.uupcb@totrbbs.radio.org>
Source record: 214020

JAG> Does anyone know why I have to use de IF SHIFT knob on LSB mode to get
JAG> a good voice sound, but not in USB mode when I use this filter?. Is
JAG> there a problem:

Find and adjust your TX frequency responce, per the MFR's
calibration procedure, of course.

Phil, KE4KRT
___ Blue Wave/QWK v2.12

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

335. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Aug9.224520.1@vax.sonoma.edu>
Source record: 214021

From the posts regarding ACC, I seem to get the impression that they will continue to stock parts for their amateur controllers. Does anyone know if this is correct? If someone else is going to stock parts, I would appreciate finding out who that might be should anyone know.

Also if anyone hears about the firmware going public, I'd appreciate finding out a source.

Thanks and 73,
Ken
--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~
~~~~~

336. 800 MHz RX / FT 8500 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: "Thomas E. Walsh" <tw@ibeam.intel.com>
Message-ID: <40arnu$frc@ornews.intel.com>
Source record: 214022

```
Hello all-
The FT530 performs 800MHz receive in non-US trim. Does
the FT8500 perform 800MHz receive in non-US trim?
The FT8500 does perform "dual in-band receive", which
could inidicate similar receiver design to the FT530.
Thanks for any information,
-Tom Walsh, kb7efz, tw@ibeam.intel.com, 503 264 8834
```

337. Satellite communications scanning

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: Kris Oakes <KrisOakes@aol.com>
Message-ID: <40ardj$cgb@noc.tor.hookup.net>
Source record: 214023

I'm interested in scanning international satellite phone calls and would like to know if there is anyone out there who has any ideas about the equipment required, etc. I'm willing to invest some funds in this pursuit so if it is feasible technically, I wish to try to accomplish this. Thank you in advance.

338. Newbie question: What is TRIO?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: christopher.svenstedt@p19.stacken.ct.se
Message-ID: <ftn_2.204.419.19_3028072f_Christopher.Svenstedt@p19.stacken.ct.se>
Source record: 214024

```
Hello jbeens.

Monday August 07 1995 16:05, jbeens wrote to All:

j> I have an HF transceiver that is labeled as a Trio 520 D. It is
j> identical to Kenwood's 520 as near as I can tell. I was told that

It's diversified marketing.

Christopher / SM5VXC
```

339. Kenwood TS-520S opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: Timothy_Cadigan@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_950809_222800_4f20d046@fidonet.org>
Source record: 214025

Bill
I am still the owner of an ol' TS 520. Great rig! Hears well and
good clean tx. It takes only a few times to get the hang of tuning
one of these up. Also, if something goes wrong you can pop the
top and work on it - little transitors, not those multilegged
monsters... The 520 series are sturdy, great for field day when
folks with expensive more "delicate" rigs are shy about getting
their rigs hit with a heavy morning dew or noon-day baking.
Go for it!
Tim Cadigan, WC1F

340. FS: Multimedia 486 DX4-100 COMPUTER SYS.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: ebstar@cris.com
Message-ID: <ebstar.621.000A529F@cris.com>
Source record: 214054
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

MAIL ORDER COMPUTER SYSTEM SALE

For Sale BRAND NEW Multimedia 486 DX4-100 VLB Systems

Digital Mini Tower w 230 Watt Power Supply (not 200 watt)
(2) 5" Bays (2) 3" Bays (2) 3" Hidden Bays (not 5 bays)
Smoked Gray Panel
(4) Meg RAM
1 X 36 72 Pin
486 Mother Board With ZIFF Scoket
(3) VLB Slots
(4) ISA Slots
(2) 72 Pin Simm Slots
(4) 30 Pin Simm Slots
256k cache On Board (not 0k or 128k)
AMD 486 DX4-100 (not cyrix)
VLB Enhanced IDE I/O Controller (not 16 bit)
(4) IDE OR IDE CD-ROMS
2S,1P,1G Ports
MULTIMEDIA
2 x CD-ROM
16 bit Sound Card
Speakers (amp)
VLB 1 Meg SVGA Video Card Upgradable to 2 Meg (not 256K vga)
MODEM
14.4k Fax/Modem/Voice Mail
14.4k bps Group III Fax
Broadcast Fax,Fax On Demand
Background Operation
WITH:
Mouse
101e Keyboard
1.44 FDD
CPU Fan (A Must Have)
850 Meg EIDE HD (not 525 meg) (WD)
DOS 6.22,WINDOWS 3.1,Word Perfect For Windows 6.0a,
Internet Software (ready to run)
Voice Mail,fax,Remote,999 Mail Box's

PRICE IS 899.00 For A Multimedia 486 DX-100 SYSTEM
<monitors are extra>
<shipping is extra>
Shipping 48 states is 25.00

FL Res AD 6% Sales Tax

NEW HORIZON'S II INC.
8084 WEST McNAB RD.
SUITE 930
NORTH LAUDERDALE FL
33068

341. Re: Address of Matsushita Communication

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: bikrscum@ix.netcom.com
Message-ID: <4093l3$5tq@ixnews2.ix.netcom.com>
Source record: 214055
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <DCyCKs.8op@news.hawaii.edu>, jeffrey@kahuna.tmc.edu says...
>
>I bought a "Mobile Telephone Transceiver Unit" model EF-6105EA
>address for Matsushita Communication Industrial Co. Ltd.?
>

Might also try Panasonic as Matsushita is the parent corp.

I've had miserable luck with the in the marine equip. dept. I once spent over an hour and about 10 phone calls only to finally be referred back to where I started by Matsushita. I then called another company who sold the same radar under their name and was helped within 2 minutes. What a joke.

Hope you have better luck with the cell phone dept.

73's

Paul, KE6OTL

bikrscum@ix.netcom.com

342. Re: ROTOR - Channel master - old tv salvage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: mikedom@aol.com
Message-ID: <409egk$sbn@newsbf02.news.aol.com>
Source record: 214056
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

Hi Dan, You have an old channel master rotor, and all of the 3 wire rotors were basically the same. A new control box will run you old motor. I believe its something like 20 volts AC to run the thing if you want to make your own control.
We just used one of those beasts this last field day....but we had a 12V DC motor installed in it (we were QRP Battery) it worked quite well.
73 mike

343. Re: Morse Code Program ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <40a1hp$3ku@newsbf02.news.aol.com>
Source record: 214057

Try NuMorse. It sounds great on my SB.

344. I need Changes to Scanner YAESU FRG9600

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: roliani@iol.it
Message-ID: <409pm1$ic8@mikasa.iol.it>
Source record: 214058

Thanks for all help you give me

8:) Renzo

345. Re: Yaesu FT-900 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: mmerk@scott.net
Message-ID: <4092m5$9f8@koala.scott.net>
Source record: 214059

>I then put the FT-900 back at my operating position, plugged it in to
its
>various connections and turned it back on. Ever since that moment it
>cannot be used on MOX or VOX, only PTT. If I try MOX or VOX the rig
>turns itself off the moment I try to key it into transmit.
>
Try putting a 50 ohm dummy load on the output and see if it still
happens. Mine did that once when I put the wrong antenna on it.

I have had my FT900 mobile for over a year with excellent results. The
only problem I have had is the two hours it took to install the CW
filter. Out of six rigs I have put htem in, the 900 was by far the
toughest.

Good Luck!

346. Re: Ham-Radio-Outlet (HRO) FAX???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: scrtnizr@user1.IS.NET
Message-ID: <4094s3$p09@news1.is.net>
Source record: 214060

Miller Ohad (4z9chb@pc.4z7aba.ampr.ORG) thought s/he should say:
*)Hi there,

*)Does someone of the you, gang, has a FAX number of one of the stores of
*)Ham Radio Outlet (HRO)???

No, but check these out;

http://www.hamradio.com

West.US/Canada - 1-800-854-6046
Mt./Central - 1-800-444-9476
SE - 1-800-444-7927
Mid-Atlantic - 1-800-444-4799
NE - 1-800-644-4476
New Eng./E Canada - 1-800-444-0047

Call 'em up and ask!

--
****
\ We come into this world screaming, naked, and covered in bodily fluids. /
\ If we live our lives correctly, this never has to change - A Friend /
\ http://www.ticllc.net/~scrtnizr /
\##/

347. Re: HTX-202 and Customer Service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4096o8$tmu@news.ccit.arizona.edu>
Source record: 214061

gregl@iglou.com (Greg Law) writes:
>In article <jlowmanDCyx1A.7tC@netcom.com>, jlowman@netcom.com says...
>>I usually avoid RS because of their - rumored to be defunct - insistence
>>on the last four of a customers phone number. Fortunately, the manager
>>of the store where I got both HTs is a member of our club, and not the
>>standard idiot.
>The stores here haven't asked for the phone number in months. They are now
>asking for your last name. Then it comes up with a big list of folks with that
>name to wade through to find yours.
>73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
The Radio Shacks hereabouts have lately asked for either last 4 digits of my
phone number or my last name. A reply of "No thank you" has always been
sufficient for them to drop the question.
Chris, N7RME

348. Re: HTX-202 and Customer Service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: gregl@iglou.com
Message-ID: <DD0oov.8s4@iglou.com>
Source record: 214062

In article <jlowmanDCyx1A.7tC@netcom.com>, jlowman@netcom.com says...
>
>I usually avoid RS because of their - rumored to be defunct - insistence
>on the last four of a customers phone number. Fortunately, the manager
>of the store where I got both HTs is a member of our club, and not the
>standard idiot.

The stores here haven't asked for the phone number in months. They are now
asking for your last name. Then it comes up with a big list of folks with that
name to wade through to find yours.

--
==========
73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
AX.25 - ke4dpx@w4cn.#ncky.ky.usa.noam
Internet - gregl@iglou.com
==========

349. Re: Newbie question: Emergency Calls

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: gregl@iglou.com
Message-ID: <DD0p0v.9D1@iglou.com>
Source record: 214063

In article <4080t8$12d6@watnews1.watson.ibm.com>, walt@lfs.loral.com says...
>
>This sunday evening I was first on the scene at a motor vehicle
>accident. So I hauled out the 2M HT, looked up the local repeater, and
>did a "CQ, need an emergency call", got a local ham to make a 911 call
>for me.
>
>However, some of the repeaters with phone patches are listed with option
>"Z" in the directory, direct access to law enforcement or emergency
>services. As a transient, I don't have phone patch access, but can I
>access the emergency service without knowing the unique codes?
>
>How do I do this? If it had been 02:00 in the morning, I might not have
>found a fellow amateur listening on the repeater...

It depends on how the repeater is programmed, and it isn't "standard" on all repeaters. Often dialing 911 on the patch does the trick, but not always. On one repeater in Louisville, KY, for example, 911 dials Jefferson County Police, 912 dials Louisville City Police, 913 dials either EMS or Fire Dispatch, etc. On another repeater just across the county line, it's something like 2468 to get Jefferson County Police.

Your best bet is to ask for assistance if you aren't familiar with the repeater.

--
==
73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
AX.25 - ke4dpx@w4cn.#ncky.ky.usa.noam
Internet - gregl@iglou.com
==

350. Help, HEATKIT SB-303

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: cima@hagar.ph.utexas.edu
Message-ID: <cima-0808952221540001@slip-39-10.ots.utexas.edu>
Source record: 214064

I want to buy a receiver and I wouldn't mind buying a former kit with all the documentation. There is one for sale on re.radio.amateur.swap, a Heat SB-303, does anybody know if would be a good general coverage receiver? The owner doesn't know what to ask for it, what should I offer if interested? How does it compare with an ICOM 70, also for sale?
Thans, Pepi Cima

351. REQ: ATV modules

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: hudick@toontown.ssd.loral.com
Message-ID: <hudick.438.01AADA5C@toontown.ssd.loral.com>
Source record: 214065

Can anyone suggest where to buy modules or kits for Amateur Television.

I would like to convert the Channel 3 output from my video camcorder and translate it to the 70 cm band (430 MHz).

I need a converter and a amplifier with a few watts output since I'll only be transmitting less than 1/2 mile line of sight.

I'm mainly looking for PC card Kits such as those made by Communications Concepts. Are there any others making them??

Reply to me by e-mail.

Thanks,

John, W6XZ

352. Help on a rig, 2m,HF freq? Does it exist

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: Anthony.Perales@internetMCI.com
Message-ID: <40965h$d2f@news.internetmci.com>
Source record: 214066

Hi, Does anyone know of a rig that supports 2M, and HF frequency at the same time?

353. Re: HTX-202 and Customer Service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: danb@acme.csusb.edu
Message-ID: <409p13$pf0@news.csus.edu>
Source record: 214067

Jim Lowman (jlowman@netcom.com) wrote:

: I usually avoid RS because of their - rumored to be defunct - insistence
: on the last four of a customers phone number. Fortunately, the manager

I can definitely state that that request is no more. If there's
anyone local to you who's still asking for the last four, ask him/her to
speak with Mr. Hainline for correction.

However, why is this such a concern? I've seen several people
who've had a problem with this (which is, I presume, why they've changed
the system), but I really don't understand why. In my experience (from
both sides of the counter), the information is optional anyway--if I
didn't want to give it, that was acceptable. I guess what I don't
understand is why people object to indexing the database by the last four
digits of a phone number, but don't mind indexing by last name.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu
Don't Tread on Me

354. FT-277E same a FT-101E? Need manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: jchol@aol.com
Message-ID: <409ktu$1df@newsbf02.news.aol.com>
Source record: 214068

Mike, KC5PCR has purchased a Yaseu FT-277E without a manual. He needs any help available. Amanual would really be nice. He thinks it is the same as an FT-101E, but that is not confirmed.

If you can help, please notify mike as follows:

75573,2401@compuserve.com

Thanks for reading this.

73 de John WA5TWL.

355. Advice Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: bt892@FreeNet.Carleton.CA
Message-ID: <DD12HL.K02@freenet.carleton.ca>
Source record: 214069

Hi everyone,
I`m going for my general class exam in a couple of weeks and cannot decide which rig to buy. I have three in mind, The Kenwood TS 850s/at , the Yaesu FT 900at and last but not least the Icom IC736. I would like a good DX rig, will use it alot for contest. Any help will be grately appreciated, PRO`s and CON`s , Specs etc...
Thx in advance.

73`s de Geoff, soon to be licenced.

356. Re: Amateur (jerks) Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: vanwag@netcom.com
Message-ID: <vanwag-0908950750480001@192.0.2.1>
Source record: 214070
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Can't say for sure, but if I were a shop shipping a $2000 HF rig, I would definitely want to make sure it was insured to the hilt. I've seen enough munched UPS packages come through our warehouse door. Also, the mail order dealer has to pay someone to package that puppy so it can resist shipping gorillas. Boxes aren't cheap, either. If the mail order shop has lowered their margin on items enough to make the average ham only grumble a little bit about how expensive these rice boxes are, he probably can't really afford to absorb all the shipping expense.

George KE6EPC

In article <DD0nr0.7oF@iglou.com>, gregl@iglou.com (Greg Law) wrote:

> In article <3vldok$b2i@apakabar.cc.columbia.edu>,
> jbaltz@watsun.cc.columbia.edu says...
> >
> >I also know that Radio City is on the net, but I haven't seen many
> >complaints about them.
>
> Can't say much, I guess. I ordered a Yaesu FT-2400 and an Astron RS-20M power
> supply from Radio City the week before Dayton 1994. Overall the person I
spoke
> with was pleasant and answered all my questions. The prices quoted were
on par
> with AES and HRO, but he whipped their shipping costs hand down.
>
> I have never really gotten a good grasp on shipping charges. More to the
> point, if UPS charges $7.50 shipping, why does A charge $25 and B charge $15
> when both are in the same zone?
>
> It seems some companies are using "shipping charges" as profit enhancers of
> sorts.
>
> --
> ==
> 73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
> AX.25 - ke4dpx@w4cn.#ncky.ky.usa.noam
> Internet - gregl@iglou.com
> ==

357. X-band transmitter source???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: Rob Bellville <bellvill@ultranet.com>
Message-ID: <40bb69$64l@caesar.ultra.net>
Source record: 214071
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm looking for a X-band transmitter kit that Innotek, Inc used to sell
for about $30. Any sources new or used???

Thanks! - Rob

--
****
Please excuse any delays in responding to your correspondences.
I am taking a few random vacation days and I will be away
from 8/14 - 8/19. THANKS! - Rob
****

bellvill@bellville.ultranet.com <--email
http://www.ultranet.com/~bellvill/ <--Rob's cobWeb Page

Rob Bellville, N1NTE | Technical Supervisor - Millbury Public Schools
PO Box 515 | Got an old PC or Mac? Millbury Schools
Millbury, MA 01527 | are looking for donations dead or alive!

>>> Web Page Creation Services <<<
http://www.ultranet.com/~bellvill/webpage.html
---

358. Help me ! schematic diagram...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: victor@ibpm.serpukhov.su
Message-ID: <victor.84.0@ibpm.serpukhov.su>
Source record: 214072

I have Kenwood TH-25A which was broken recently. Receiver and syntezator
are OK. But I have no carier on air, although TX Led is light.
Probable problem with output RF amplifier or more likely with power supply
for RF amplifier - I not hear even weak signal on an other Radio near
my TH-25A.
When I press PTT and some DTMF keys I not listen sound, which I hear
early when HT was OK. Maybe problem with some control circuit, - not with
RF output or power supply ?
Anyway, I need a scheme (block diagram, board layout, schematic diagram)
for analyse and repair. I have a manual only.
If you can make a copy and send paper to me, PSE let me know. I'll be
kind.

73! RX3DIN Victor
---
http://www.stack.serpukhov.su/~victor/hamradio

359. Re: Whats a good beginner HF radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: agrier@reed.edu
Message-ID: <409nkl$eh0@remus.reed.edu>
Source record: 214073

In article <hmm-010895184727000l@192.0.2.1>, hmm <hmm@netcom.com> wrote:
> I am interested in getting an HF radio.
> I have my tech plus and am working on my general.
>
> My biggest issue is MONEY.

Same here. I'm a tech-plus. (Got my license before no-code was around, but I look forward to pounding the brass on HF.) I'm also a college student. (Which means little money.)

My suggestion, go with tubes. Looking at some of the prices people've been posting on the boatanchors mailing list, it seems one could get an all-bands CW / SSB setup for around $300 or less if you're willing to be patient and look around. Heck, my Heath HW101 was GIVEN to me by a high-school teacher. It's not working 100%, but I'm certainly learning a whole lot by getting working again.

Tubes may be flaky, they may be hard to find, but once you warm up a tube rig and watch those firebottles glow, something just happens inside of you. (At least it did for me.)

> I dont really like the idea of buying used because alot of times you dont
> know what your getting.

Find yourself an elmer to go to swaps with. And even if you do buy a radio that's not-quite-in-good-condition, enjoy fixing it up. You'll probably learn a lot. (Which is a plus for the tube rigs... they're usually easier to tinker around with than silicon-based rigs.)
--

The Finn / VLA | "Feel the love: have a carrot!" -- Groovy Dave
Aaron J. Grier | DE CB EE 65 0D EE 3A 0C 1E D7 F5 4D 9E 02 3C C4
agrier@reed.edu | The above line contains a bunch of letters & numbers.

360. Davis Weather Statio / Packet Link

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: Len Sanchez <sanch@cloud9.net>
Message-ID: <40ab81$2df@news.cloud9.net>
Source record: 214074

Our Club has just purchased a Davis Weather Station to be set up on a Packet Radio Link to the
Office of Emergency Management and the National Weather Service.

The information the the manufacturer provides is great for telephone modem hook-ups but no info
is given regarding alternate interfaces.

Before we start re-inventing the wheel, has anyone done this and if so any information would be
most welcome.

Thanks.

****
* Len S�nchez sanch@cloud9.net *
* Carmel, New York 10512 *
****

361. Re: Help, HEATKIT SB-303

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: jms@col.hp.com
Message-ID: <40acab$se5@nonews.col.hp.com>
Source record: 214075

Giuseppe Cima (cima@hagar.ph.utexas.edu) wrote:
: I want to buy a receiver and I wouldn't mind buying a former kit with all
: the documentation. There is one for sale on re.radio.amateur.swap, a Heat
: SB-303, does anybody know if would be a good general coverage receiver?

No, it is an amateur band only coverage, without the WARC band coverage.
The receiver has decent sensitivity, but it suffers considerably from
overload problems if you're close to other RF sources. Also, don't
expect to work any full break in operation, as the AGC is not all
that good. I still have mine, and probably won't be getting rid of
it. It looks like a good receiver to use with receiving converters.

: The owner doesn't know what to ask for it, what should I offer if
: interested? How does it compare with an ICOM 70, also for sale?
: Thans, Pepi Cima

Sorry, but I have no idea what it's worth.

Mike, K0TER

362. TUNE MY HX-50??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: af104@detroit.freenet.org
Message-ID: <40adie$oi9@detroit.freenet.org>
Source record: 214076

Can anyone email me a brief summary of tuning instructions
for my Hammarlund HX-50?

Yes, yes, yes, I know, ..." peak the grid and dip the plate!"

Thanks!

--

Jeff
WB5KZW (Near Detroit)
(810) 855-9209

363. Are there any mods for a rx HTX-202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HTV4EVP382000XCJ@uthscsa.edu>
Source record: 214077

morganp@fn1.freenet.edmonton.ab.ca () writes:

>Are there any mods that would be eassy to perform on the HTX-202 that
>would allow me to receive out of band?

<snip>

In a word, _NO_. There are absolutely NO modifications for the HTX-202.
Radio Shack got burned badly on the HTX-100. When they bought the license
from ICOM to build the HTX-202 they changed the design slightly and
contracted MAXON to build it for them with the stipulation that it was to
have no possible modifications to give it out-of-band operation.

Kevin Muenzler, WB5RUE
muenzlerk@uthscsa.edu

364. A question RE: the KPC-3 TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: BRETSKI <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.91.950809085231.32514H-100000@storm.atms.purdue.edu>
Source record: 214078

Has anyone tried to change the audio output level (R13 on my unit)
and if so did it make any difference? Which way do you turn the pot
to increase the output?

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

365. Stores in Long Island area?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: schneide@wrcs1.urz.uni-wuppertal.DE
Message-ID: <40a5cd$rat@wmwap1.math.Uni-Wuppertal.DE>
Source record: 214079

I am on vacation in the Long Island area in September
and looking for a good Hamradio Store. Could anyone
give me some hints.

Best Regards
Robert Schneider (DB1JJ)

366. Re: Yaesu FT51r DC supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: affrunti@orion.oac.uci.edu
Message-ID: <affrunti.807977824@orion.oac.uci.edu>
Source record: 214080

W&W Associates makes a battery eliminator for the FT-51.
I think it's about $40 and fits in place of the battery.

Bob, AA9MI

367. Re: MOTORCYCLE antennas..2mtr and or 440 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: genem@cup.hp.com
Message-ID: <DD1r4r.EHz@cup.hp.com>
Source record: 214081

Michael G. Barbitta (mgb@slac.stanford.edu) wrote:
: I mounted a comet 2m/440 on a "L" bracket attached to my sissybar. I've
: got a 87 Shadow 1100...

I have the 89 version of the same bike, and the rear fender terminates
parallel to the ground (that is, not angled). I just slipped on a normal
NMO(?) trunk mount on the end of the fender and can screw on/off what
ever antenna I need. I normally use the 2m/440 short antenna that looks
like a cellular job.

--
+---+
|Gene Marshall \-\-\ email: genem@cup.hp.com |
|Hewlett Packard Co., MS 42UN | aa6iy@ix.netcom.com |
|Software Technology Center (STC) | ___o Tel: 408/447-5282 |
|11000 Wolfe Road L^\<._ Fax: 408/447-5039 |
|Cupertino, CA 95014 (_)/ (_) AA6IY@N6LDL.CA.USA.N/A |
+---+

368. Buy a all mode vhf

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: Antonio <ea2abj@servicom.es>
Message-ID: <40al43$a73@sparky.servicom.es>
Source record: 214082

First thanks for reading this msg, and excuse me for my poor English.
Them, I want to buy a all mode VHF, in good conditions.
If is posible into my country. Thanks.

Good DX's and good luck.

PKT EA2ABJ@EA2RCF.EAVI,ESP.EU
E-mail to ea2abj@servicom.es

369. Re: Alinco DJ-180T Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: bphillip@csc.com
Message-ID: <40aj96$jqb@explorer.csc.com>
Source record: 214083

Ben Slagle (aq760@yfn.ysu.edu) wrote:

: In the instruction manual for my Alinco DJ-180T, it says
: the unit can receive from 130-170 MHz. I can only get
: 144.00-147.99 MHz. Is there a way to enable reception
: of more frequencies?
:

1) turn off the unit
2) press and HOLD the "Lamp" button
3) turn it on
4) release the "Lamp" button

Note: you'll need to re-do this each time you do a "cold reset" on the HT
to wipe out all memories, etc.

--
bdp (bphillip@explorer.csc.com) 73 de KC5OQG
-- my opinions are my own, etc., etc. <== usual disclaimer --

370. DPS Recomendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: mikewo6o@qnet.com
Message-ID: <40aklu$jvh@mandolin.qnet.com>
Source record: 214084

Does anyone out there have any recomendations on a DPS unit to help eliminate power line noise. Both the JPS and Timewave advertisements claim to eliminate power line noise but do they?

Any input/recomendations would be greatly appreciated.

Mike in Lancaster, CA

371. Heath, again..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: sbertsch@magnus.acs.ohio-state.edu
Message-ID: <40aqek$43a@charm.magnus.acs.ohio-state.edu>
Source record: 214085

Could someone send me the address for Heath(kit), or what's left of them?

Thanks

372. 3-500Z Open Filament

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: owen@apollo.eeel.NIst.GOV
Message-ID: <47974.owen@apollo.eeel.nist.gov>
Source record: 214086

I believe your problem is a high resistance contact between the tube pin and the socket. The connection has probably oxidized and the IR loss is heating the pin to the solder melt point. Clean the contact good, be sure the socket contact is making the proper connection to the tube pin and hope for the best. You might try something like DeOX on the contact to reduce the possibility of oxidization or at the worst you may have to replace the tube socket. GL & 73 Jim K4CGY

373. RE:HeathKit SB-303

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: owen@apollo.eeel.NIst.GOV
Message-ID: <48809.owen@apollo.eeel.nist.gov>
Source record: 214087

The HeathKit SB-303 was one of the best receivers that Heath made. A little tricky to align (you need extender cards to work on the PC boards) as I remember. However, it is NOT a general coverage receiver, it's Ham Band Only. I believe that the SW version receiver was the SB-313 and that covered only the most popular SW bands about 8 I think. The value of a SB-303 is not more than $150.00 in my book. For about $200.00 you can get a Drake R4C which is much better than the SB-303 and has slots to insert crystals for about 10 500 KHZ bands of your choosing plus the ham-bands it comes with. If you add the FS-4 synthesizer (about $250.00 if you can find one) than you can cover all frequencies from 1.5 Mhz to 30 Mhz (execpt for the IF frequency area) without additional crystals.
Pepi if it were me I'd look for an R4C.
73 Jim K4CGY

374. Re: 2m HT battery needed...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: Harry Salvini <hgs@wdl1.wdl.loral.com>
Message-ID: <40arce$qea@wdl1.wdl.loral.com>
Source record: 214088

sborg1@aol.com (SBorg1) wrote:
>I'm looking for a replacement battery for my Kenwood TH-215A HT. I need a
>PB-1 800mAh battery. Any help with this one would be greatly appreciated.

Hi Sean

Ok, I've read all the flames going on here regarding Amateur Electronic Supply, but I've got to say they do have the battery you want.

They don't carry the Kenwood version, but there is one (I don't remember the brand it's aftermarket, but it runs $64.00. They have them at their Orlando Florida store. The number there is: 1 (800) 327-1917, or if you're close enough, 1 (407) 894-3238.

I called in an order for a buddy here at work (no credit card), and they had at least one in stock there.

The sales guy WAS courteous, and very helpful.

```
+=================================================================+
| hgs@wdl.loral.com (KB6VMQ) | Happily married with 2 Kids! -+-|
| Loral doesn't have a single | A newbie Quinnatic (DQMW) | |
| thing to do with my opinions. | HAM, Dirtbikes, Kids, Camping | |
| ...you mean this isn't working? | K-LOVE - 100.9/99.3/91.9 FM |
+--------------------------------+--------------------------------+
```

375. Mods for IC-W31A?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: Harry Salvini <hgs@wdl1.wdl.loral.com>
Message-ID: <40arj4$qea@wdl1.wdl.loral.com>
Source record: 214089

I'm looking for amy mods for this little cutie.

I'm not looking for comments regarding non-type certification. I've seen enough posted here against some poor people that I'll simply ignore them.

I had asked earlier for mods for a IC-2340, got them, did them, and it's wonderful.

Now, I'd like to make the HT the same (if possible).

Thanks in advance!

+---+
hgs@wdl.loral.com (KB6VMQ)	Happily married with 2 Kids! -+-
Loral doesn't have a single	A newbie Quinnatic (DQMW)	
thing to do with my opinions.	HAM, Dirtbikes, Kids, Camping	
...you mean this isn't working?	K-LOVE - 100.9/99.3/91.9 FM
+---------------------------------+---------------------------------+

376. Re: Alinco 6meter info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: Jeff <explorer@phoenix.net>
Message-ID: <40asdn$9k2@gryphon.phoenix.net>
Source record: 214090

Don:

I bought the Alinco 6M rig at Dayton this year. Have it installed in my truck. Works great whenever there is a band opening on 6. I'm in Texas and have made contacts in Indiana, Ohio, North Carolina, and Virginia so far. Also have found several repeaters in Houston and elsewhere. Still waiting for a band opening to somewhere exotic though.

The rig is a little difficult to program mainly because I am a Yaesu believer for mobile rigs. The buttons work a bit different on the Alinco than the Yaesu.

I understand that Azden also makes a 6m FM mobile rig that has more than 10w output power. That's about all I know about it though.

73...de KJ5AZ, Jeff Racz, Houston, Texas
explorer@phoenix.net

377. Heil HC-4 for Icom

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: rsmith@internetmci.com
Message-ID: <40asm7$h91@news.internetmci.com>
Source record: 214091

Have a Heil HC-4 element that I want to hook up to an Icom (IC737) rig. How would one wire this? I am planning to go out and but a cheapo rat shack micrphone to use as a base for the element.

Any help would be appreciated.

--
Bob Smith, Atlanta, GA
rsmith@internetMCI.com
n3ftu@amsat.org
TAPR 5412 ARRL AARL

378. Re: Newbie question: Emergency Calls

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: hudick@toontown.ssd.loral.com
Message-ID: <hudick.440.000E0380@toontown.ssd.loral.com>
Source record: 214092

>In article <4080t8$12d6@watnews1.watson.ibm.com>, walt@lfs.loral.com says...
>>
>>This sunday evening I was first on the scene at a motor vehicle
>>accident. So I hauled out the 2M HT, looked up the local repeater, and
>>did a "CQ, need an emergency call", got a local ham to make a 911 call
>>for me.
>>
>>However, some of the repeaters with phone patches are listed with option
>>"Z" in the directory, direct access to law enforcement or emergency
>>services. As a transient, I don't have phone patch access, but can I
>>access the emergency service without knowing the unique codes?
>>
>>How do I do this? If it had been 02:00 in the morning, I might not have
>>found a fellow amateur listening on the repeater...

Some repeaters use a standard easy access to emergency calls. Sometimes is
common knowledge or a shared secret. What I would try is:

Dial 911
or
Dial *9 (star 9)

Either of those may get you into the 911 system.

To bring the repeater down press the "pound" key (#), else let the
repeater time out.

John, W6XZ
Space Systems/Loral
Palo Alto

379. Re: Amateur (jerks) Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DD23I9.KEr@world.std.com>
Source record: 214093

gregl@iglou.com (Greg Law) wrote:

:>Can't say much, I guess. I ordered a Yaesu FT-2400 and an Astron RS-20M
:>power supply from Radio City the week before Dayton 1994. Overall the
:>person I spoke with was pleasant and answered all my questions.

:>The prices quoted were on par with AES and HRO, but he whipped their
:>shipping costs hand down.

How? Did he pay YOU to have your purchases shipped to you? ;-)

I know HRO does not charge shipping for orders over $100.00 and $4.50
for orders less than $100.00. Howsome ever if you choose to have your
purchases shipped via any other method than UPS Ground (Brown Label)
you will be charged whatever the actual shipping charge is based upon
the weight of your purchase. How do they do compute that? Via UPS
charts, USPS guides, telephone calls to the applicable shipping
agencies etc., and, of course, calibrated scales.

Also, if you choose COD there is a $5.00 charge for that added to
whatever the UPS shipping charge is (if any).

:>I have never really gotten a good grasp on shipping charges. More to the
:>point, if UPS charges $7.50 shipping, why does A charge $25 and B charge $15
:>when both are in the same zone?

Are both packages identical? I mean do they weigh the same? Is the
shipping method the same? Did A ship Blue label to a customer whilst
B shipped Brown label? Did one ship COD to the customer whilst the
other order was shipped pre-paid?

I'm not familiar with the other dealers since I only deal with HRO. I
would imagine that one dealer charges the actual UPS charge whereas
the other might charge for the time and labor for their own packers.
Only conjecture on my part.

:>It seems some companies are using "shipping charges" as profit
:>enhancers of sorts.

Who knows except the company themselves? Another thing to consider is
the company size and reputation. Of course, there is nothing wrong
with Radio City that I know of and you were talking of a period a
little over a year ago. But the information I gave is current and was
then.

==========
Jim Martin, WK1V | I speak for no one....not even myself.
Lowell, Massachusetts |

USAF(Ret) 1973-1993 |
Ex-KB1LW-N1CLS-KA5MWD-HL9ZF |
==========

380. Re: Amateur (jerks) Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DD23qG.KMs@world.std.com>
Source record: 214094

gregl@iglou.com (Greg Law) wrote:

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:>power supply from Radio City the week before Dayton 1994. Overall the
:>person I spoke with was pleasant and answered all my questions.

:>The prices quoted were on par with AES and HRO, but he whipped their
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you will be charged whatever the actual shipping charge is based upon
the weight of your purchase. How do they do compute that? Via UPS
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:>point, if UPS charges $7.50 shipping, why does A charge $25 and B charge $15
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:>enhancers of sorts.

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with Radio City that I know of and you were talking of a period a
little over a year ago. But the information I gave is current and was
then.

==========
Jim Martin, WK1V | I speak for no one....not even myself.
Lowell, Massachusetts |

USAF(Ret) 1973-1993 |
Ex-KB1LW-N1CLS-KA5MWD-HL9ZF |
==========

381. Re: Morse Code Program ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DD23z5.Kyp@world.std.com>
Source record: 214095

buddy10@aol.com (BUDDY10) wrote:

:>Try NuMorse. It sounds great on my SB.

Hey I just thought of something: SM on my SB sounds like BS. 8-D
73 & CUL
==========
Jim Martin, WK1V | I speak for no one....not even myself.
Lowell, Massachusetts |
USAF(Ret) 1973-1993 |
Ex-KB1LW-N1CLS-KA5MWD-HL9ZF |
==========

382. Re: Help on a rig, 2m,HF freq? Does it exist

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DD23zJ.Kzo@world.std.com>
Source record: 214096

Anthony.Perales@internetMCI.com (Chris A Perales) wrote:

:>Hi, Does anyone know of a rig that supports 2M, and HF frequency at the
:>same time?

Try the Icom IC-706 (not out yet in this country). Rumor has it that
it will be available next month* or so at roughly $1500.00 +/-.

HF + 6M 100 Watts (SSB/CW/AM/FM/RTTY)

2M 10 Watts (SSB/CW/RTTY/FM)
4 Watts (AM)

Receive Range 30 kHz - 200 MHz

See your favorite ham magazine for more details.

*Pending FCC Approval

==
Jim Martin, WK1V | I speak for no one....not even myself.
Lowell, Massachusetts |
USAF(Ret) 1973-1993 |
Ex-KB1LW-N1CLS-KA5MWD-HL9ZF |
==

383. IC-P2AT & IC-21E Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: rdonnan@ozemail.com.au
Message-ID: <N.080995.224959.79@slmel2p06.ozemail.com.au>
Source record: 214097

I'm looking for mods on the IC-P2at & IC-21E . I'm mainly looking for mods to unlock the TX side.
Regard
Rhett Donnan (VK3HAP)
Victoria Australia

384. Atlas Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: cfishman@fsac3.pica.army.mil
Message-ID: <9508091528.aa16982@FSAC3.PICA.ARMY.MIL>
Source record: 214098

Has anybody out there ordered and received an Atlas 400X transceiver ??

One of my friends ordered one over 2 YEARS ago and still has got nothing.

He has called Atlas and got no answer lately... Is this a real

radio or a dream (nightmare)

All answers are appreciated

Clark Fishman WA2UNN cfishman@pica.army.mil

385. Any Experience with JRC JST-100

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: news@bnlux1.bnl.gov
Message-ID: <40b5vo$3uj@sun20.ccd.bnl.gov>
Source record: 214099

I have an opportunity to but a used JRC JST-100
model 16210. Does anyone care to comment on this
radio?
Tnx in advance..... Tony natoli@bnlux1.bnl.gov

386. mods for ft890, who did it ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: capi@hds.univ-compiegne.fr
Message-ID: <40b7ms$79h@sunsic.si.univ-compiegne.fr>
Source record: 214100

73 to everybody

I have seen in a ftp server a mod for the ft890sat
this mods provides an emmission in all the hf band without any hole.
I 'd like to trafic in 27Mhz (french citizen band) but i want to know
if anybody had done this mod and if it is ok
many thanks for your reply and best 73 from f1tyn

387. Is it possible to mod a Kenwood TH-F48 into the equivalent of a TH-48A?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-09 00:00:00 UTC
From: mcdonld@ix.netcom.com
Message-ID: <40b8ea$mag@ixnews3.ix.netcom.com>
Source record: 214101

For those who don't know, the TH-F48 is the version of this HT targeted for the Japanese amateur market. I may have the model number wrong, but its specs and number were similar to the TH-48A (TX/RX in 70cm band, RX only in 2m band). I am asking for a friend and don't have the radio with me.

My (non-ham but interested in ham radio) friend got one of these from a friend traveling from Japan. The problem with this unit is it only RX/TX 430.00 to 439.99 MHz. Obviously it would be more useful in the US if it could also RX/TX 440.00 to 449.99 MHz, like the 48A does.

Thanks in advance.

Bob KF6AZ (WA6MRB before the new calls came out)

--
====================*==========*==========*==========*==========*
Bob McDonald mcdonld@ix.netcom.com
====================*==========*==========*==========*==========*

388. Re: DR-150-T MOD'S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: auchd@orion.alaska.edu
Message-ID: <1995Aug10.100302.1@orion.alaska.edu>
Source record: 213952

In article <4064j6$ogq@uuneo.neosoft.com>, Jeff Walsh <kc5iby@neosoft.com> writes:
> Does anybody know of any mod's for the Alinco DR-150T???
> Please E-mail them to kc5iby@neosoft.com.
>
>
> 73's
>

I'd be interested to know if there are any mods as well. Has nayone sent you
any details?

James Wiedle
WL7NO

389. J.W. Miller IF xfmrs wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: RZ5630@waccvm.corp.mot.com
Message-ID: <1995Aug10.200431.18796@schbbs.mot.com>
Source record: 213953

Subject: Millen Xfmrs & other parts

With all the recent discussion regarding the building of "minimum" transmitters, I have gone back to some books I studied in preparation to obtaining my Amateur Radio License. In the 1953 edition of "How to become a Radio Amateur", page 25, there is a four tube superheterodyne radio that I was planning on building back in 1953. The spark has been lit again and I just have to build this radio. I need to find a few components though. If I could obtain the I.F. transformers specified in the construction article, I I can complete construction of this radio. The parts I need are made by the "James Millen" company out of Massachusetts. The parts are:

1500-1600 kc I.F. Transformer, Millen part number 64161
1500-1600 kc BFO Unit, Millen part number 65163
1700 kc I.F. Transformer, Millen part number 62161
Horizontal Oscillator Coil, R.C.A. part number 205R1
Slug Tuned Coil Form, National Radio part number XR-50
Mini-Inductor, Barker & Williamson part number 3008

In the same book, on page 33, there is an excellent 2 tube transmitter that is a companion unit to the receiver. It uses a 6AG7 to a 6L6 to run 30 watts input on 80 & 40 meters. I would like to build that unit also. The only parts I need for the transmitter are the plate coils. They are made by "Bud" and their part numbers are:

BUD OEL-80
BUD-OEL-40
BUD-OEL-20

Some how this station never got built and I think that it would be great fun to complete the project I set out for myself over 40 years ago. Any help you Boat Anchor lovers can provide me, in this personal quest of the Golden Grail, will be greatly appreciated.

Thanks for your help,

Bob, ARS K7NWB

390. Mods for Alinco DR-150T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: werich@qnet.com
Message-ID: <40duj8$2m1@mandolin.qnet.com>
Source record: 213954

Can anyone tell me what the extended receive mod is for the Alinco DR-150T and also if anyone has any opinions of this rig I would appreciate hearing them.

Thanks
--
73, Bill N6WXF
DM14 Palmdale,CA
werich@qnet.com

391. Re: Newbie question: What is TRIO?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: gmolnar@nexus.interealm.com
Message-ID: <40dvc6$2jl@nexus.interealm.com>
Source record: 213955

christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt) wrote:

>Hello jbeens.

>Monday August 07 1995 16:05, jbeens wrote to All:

> j> I have an HF transceiver that is labeled as a Trio 520 D. It is
> j> identical to Kenwood's 520 as near as I can tell. I was told that

>It's diversified marketing.

>Christopher / SM5VXC

Christopher -- earlier in its corporate life, what is now Kenwood was
known as "Trio-Kenwood", or Trio for short. Same guys, same radios.

73,

George J. Molnar
Highlands Ranch, Colorado
Internet: gmolnar@nexus.interealm.com
Packet radio: KF2T@N0QCU.#NECO.CO.USA.NA

392. FT-8500 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: hillgen@er7.rutgers.edu
Message-ID: <40e09m$158@er7.rutgers.edu>
Source record: 213956

I'm looking for input on what people thinkof the Yaesu FT-8500 dual bander.
I'm looking to buy a new rig and I'd like to know if I should go any
further or look elsewhere. Thanks.
Jay
hillgen@eden.rutgers.edu

393. 2 Meter HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: jbeens@silver.sdsmt.edu
Message-ID: <jbeens.3.0013C164@silver.sdsmt.edu>
Source record: 213957

Hello all!
I am new to the tech-plus class and I am looking for a 2 Meter HT, or maybe a mobile rig to mount in my truck. I am attending college now, and do not have a lot of extra cash to spend on such an item. The limit of my price range runs about $200. What would be the best rig for the money that I want to spend. I do some interstate traveling, and may be in some areas where I need more power than an HT to hit the area repeater. I would like to hear some suggestions on where to look, or what to look for, in either style of radio.

Thank you;
73's
Jason KB0CDN

394. Kenwood TH-79D mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: Greg Smith <greg.n.smith@daytonoh.attgis.com>
Message-ID: <DD3J7y.1Au@ranger.daytonoh.attgis.com>
Source record: 213958

Does the TH-79D have wide RX modifications?

If so, are the mods hardware or sofware via the keypad?

Sorry if this seems like a really obvious question. I've been
looking for some time and haven't seen anything already
posted.

--
Greg Smith
AT&T Global Information Solutions
Dayton, Ohio

395. test

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: horak@convex.com
Message-ID: <40d5rd$s1u@eugene.convex.com>
Source record: 213959

testing....

396. Re: Whats a good beginner HF radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: gregl@iglou.com
Message-ID: <DD47t0.JrC@iglou.com>
Source record: 213960

In article <DCwEzK.5L@mv.mv.com>, kingbp@ka1fqt.mv.com says...
>
>I have owned a Ten-Tec Scout since they first came out and have enjoyed
>it tremendously. I have had my ham ticket for 15 years and $$ are also
>a big consideration in my household. I cannot afford a mid to high end
>HF rig, but would love to have one!
>
>The Scout's performance and features are perfect for a beginning ham.
>There are some used ones on the market now. Check Amateur Radio Trader
>(800)77-HAM-AD. It comes out twice a month and you can usually find some
>free copies being distributed at hamfests and direct mail.
>
>As far as the cost of the Scout goes, the base cost is probably what
>catches most people's attention. Who can beat $549? You can purchase
>another regulated power supply for less money. Nobody says you have to
>stay with the same company for accessories. I bought some band modules
>and an 11Amp power supply at a ham flea market months before I received
>my Scout. It took some patience and planning but it paid off.
>
>With the Scout you may buy only
>
>73 de Bryan - KA1FQT

For what it's worth, you can get some excellent used HF rigs for the same price as the TenTec Scout with more features. I paid $325 for a used Icom IC-701, which is a fairly nice solid-state rig with digital display and 100W output. This rig is 1970s vintage but is a good starter. A friend started with an Icom IC-720A. which is an even nicer and newer model rig. He recently sold his IC-720 and bought a very nice IC-735 for about $500 to $600.

--
==========
73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
AX.25 - ke4dpx@w4cn.#ncky.ky.usa.noam
Internet - gregl@iglou.com
==========

397. Yaesu FT-890 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HTWKCH2IXU001GUU@uthscsa.edu>
Source record: 213961

YAESU FT890/AT mod. TX 1,5 to 30 MHZ.
==========

- Disconnect FT890 from all connections.

- Open tranceiver like explained in your "OPERATING MANUAL".

- Locate on the "CONTROL UNIT" jumper point JW 3001 and close it with solder.

- Close tranceiver back and reconnect power.

- Push PROC, AGC-F, IPO, ATT while power ON.

- Now the display shows two digits of numbers and tree of letters (i.e 13 OFF)
Rotate main knob and set the display to "02 ON". Now press the PROC button.

- Power OFF and then back ON. It's all!

- Now every time you want, you can change the programation, but you will allways lose the memories.

- Other settings than "02 ON" are of no interest. This one give you 100 w and automatic antenna tuning between 1,5 and 30 mhz.

==========

I found this on one of the newgroups a few months ago. I haven't tried it proceed at your own risk.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

398. Re: FT-8500 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: affrunti@orion.oac.uci.edu
Message-ID: <affrunti.808096171@orion.oac.uci.edu>
Source record: 213962

I've had an 8500 installed in my wife's car
for about a month now. I have mixed feelings
about the unit.

Things I like: internal duplexer, lighted keypad,
one hand programming.

Things I don't like: banked memories, lack of
automatic sub band mute, display contrast,
inconvenient access to autodial memories.

Performance so far seems fine, but like I said,
only one month of use.

My wife likes the controls on the mic, I feel like
I'm changing the volume or squelch every time I grab
the mic.

If it was just me making the decision, after what I know
now, I would have got another Tm733A if the 733A
had a lighted keypad.

Bob, AA9MI

399. Re: Kenwood TS-520S opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: gpritcha@vanieee.wimsey.bc.ca
Message-ID: <40e4nc$qf9@fountain.mindlink.net>
Source record: 213963

My humble opinion is to avoid any HF rig without 12, 17 and 30 meter capability.
It's still a mystery to me why some manufacturers of amplifiers and antennae in particular haven't accommodated these "new" WARC bands (now 16 years old!!!) - Sheeeesh!

_____ |\ _,,,--,,_ ,) _____
gpritcha@vanieee.wimsey.bc.ca /,`.-'`' -, ;-;;'
Gordon Pritchard |,4-))-,_) /\ don't ever disturb
_____ '---''(_/--' (_/-'_____a sleeping cat!

400. Re: FT-840 vs IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug10.154350.3788@ke4zv.atl.ga.us>
Source record: 213964

In article <40c01l$al@ixnews6.ix.netcom.com> amnet@ix.netcom.com (ANDRES MARTINEZ) writes:
>I'm undecided between buying a new Yaesu FT-840 and the ICOM IC-735
>which I can find used for about the same price ($800).
>
>They both have Gen.Cov. Receiver and dual VFO. I'm concern about
>reliability and signal clarity on the air.
>
>Which one do you think is a better choice ?

Both are excellent radios. I'd go with the 735, however, because it has a very long production history behind it (longest in-production HF transceiver), which tells you lots of people thought very highly of it. I still do. The receiver is very good, and the transmitter thermal control system is excellent, allowing long keydown periods without getting hot.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

401. Re: HTX-202 and Customer Service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug10.154932.3889@ke4zv.atl.ga.us>
Source record: 213965

In article gregl@iglou.com (Greg Law) writes:
>In article <jlowmanDCyx1A.7tC@netcom.com>, jlowman@netcom.com says...
>>
>>I usually avoid RS because of their - rumored to be defunct - insistence
>>on the last four of a customers phone number. Fortunately, the manager
>>of the store where I got both HTs is a member of our club, and not the
>>standard idiot.
>
>The stores here haven't asked for the phone number in months. They are now
>asking for your last name. Then it comes up with a big list of folks with that
>name to wade through to find yours.

Just tell them your last name is Cash, as in US currency. When they
ask for your address, give them the address of the store. Let *them*
receive all the junk mail.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

402. Re: Morse Code Program ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <40e7s6$9md@newsbf02.news.aol.com>
Source record: 213966

```
Exact file : Numor13.zip
Should be available on the net. if not write me.
```

403. Is 30 watts too much for a homemade Jpole?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: BRETSKI <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.91.950810135634.21140B-100000@storm.atms.purdue.edu>
Source record: 213967

I made a Jpole out of ladder line as per article I have (I think
from QST). It works well on my 5 watt 2 meter HT but I now have
a 30 watt AMP. The booklet says that it requires a high ouput antenna.
My DISCONE is ok since it can do 200 watts. Would this AMP destroy
my Jpole or somethimg else?

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..._ /\/\/\/\/\/\/\/\

404. Re: TH-79A Serial Number Cutoff

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: "Michel Stoop (PE1OZA)" <mstoop@xs4all.nl>
Message-ID: <40dsga$c7o@news.xs4all.nl>
Source record: 213968

From S/N 60900001 you get the TH-79AD
wich has smaler limits after expanding.

--
Regards, Michel

AMPRnet: pe1oza@pi8dre.ampr.org
e-mail: mstoop@xs4all.nl
AX.25 BBS: PE1OZA@PI8DRE.#DRE.NLD.EU

405. Re: *** STOLEN RADIO ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: XYEW04A@prodigy.com
Message-ID: <40dubs$205g@usenetp1.news.prodigy.com>
Source record: 213969

>CB>And, of course, we ALL should be engraving our states' driver's
license
>CB>numbers on visible, exterior panels - as well as hidden inside
>CB>locations.
>
>And, of course, if we do engrave our state drivers license number on
>visible outside panels, we destroy the "Mint" condition and salability
>of that unit forever...

Why would you use a number like a drivers license??!?!?!?!?!

Your Call is the only one of its kind in the world! I have my call
permanently engraved in the metal case of my Kenwood TH79A(D).

I would recommend that people use this number, and with all the access to
calls, by QRZ and such it would be a fast and easy way to locate the
owner worldwide.

Now this only works if someone wants to return it to you anyway.

�rian �ergstrom [KE6SUS]
-
Madd Hatter @ Wonderland BBS �o� 1.909.597.4469
-= US Psion Files BBS =-

406. Re: *** STOLEN RADIO ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: XYEW04A@prodigy.com
Message-ID: <40duea$2dog@usenetp1.news.prodigy.com>
Source record: 213970

>CB>And, of course, we ALL should be engraving our states' driver's
license
>CB>numbers on visible, exterior panels - as well as hidden inside
>CB>locations.
>
>And, of course, if we do engrave our state drivers license number on
>visible outside panels, we destroy the "Mint" condition and salability
>of that unit forever...

Why would you use a number like a drivers license??!?!?!?!?!

Your Call is the only one of its kind in the world! I have my call
permanently engraved in the metal case of my Kenwood TH79A(D).

I would recommend that people use this number, and with all the access to
calls, by QRZ and such it would be a fast and easy way to locate the
owner worldwide.

Now this only works if someone wants to return it to you anyway.

�rian �ergstrom [KE6SUS]
-
Madd Hatter @ Wonderland BBS �o� 1.909.597.4469
-= US Psion Files BBS =-

407. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: Owen.Adair@turner.com
Message-ID: <40cnio$130k_001@turner.com>
Source record: 213971

In article <rodellDD0LLJ.LCw@netcom.com>,
rodell@netcom.com (R.W. Odell) wrote:
>I think your post is in poor taste.
>
>Although ACC designs weren't all that 'contemporary', their reliability
>using proven technology is still incredible. I was impressed with the
>combination of 'features' with 'usability' and 'reliability'.
>
>

I'll bet you'd love a 'reliable' TRS-80 Model 1 as well, wouldn't you?
It uses a 'proven' microprocessor and stores data on that bastion of reliability,
the cassette deck.

Owen Adair WD4FSU email: Owen.Adair@turner.com
Turner Broadcasting System, CNN Center, Atlanta, GA (404) 827-3293
"Things which matter most must never be at the mercy of things that
matter least" -Goethe

408. Re: Amateur (jerks) Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <40bs28$73n@nuclear.microserve.net>
Source record: 214026
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <DD0nr0.7oF@iglou.com>, gregl@iglou.com (Greg Law) wrote:

> I have never really gotten a good grasp on shipping charges. More to
> the point, if UPS charges $7.50 shipping, why does A charge $25 and
> B charge $15 when both are in the same zone?
>
> It seems some companies are using "shipping charges" as profit
> enhancers of sorts.

Don't know if the Amateur dealers are doing this, but other companies sure are. A few years ago I ordered some non-Ham parts from a company several states away. What arrived was not what I had ordered, and the items I wanted were not in stock. The company refused to offer a refund, but I had paid over the phone with a credit card so I shipped the items back, then called the card company for a credit.

What I didn't know was that when card companies issue a credit on returned merchandise, they are obligated to do so for everything except shipping charges. Because of this, I ended up in an argument with the credit card folks concerning the difference between shipping charges, and "shipping and handling". The vendor was claiming that shipping/handling charges should not be refunded, and their invoice showed this item at about $30.00. However, the carrier's tag on the carton showed actual shipping charges to be about $7.00. To make this short, I won the argument and received the credit, but only because I had proof of the actual shipping charges.

The moral is, "shipping and handling" can be practically any amount the seller wants it to be. It may be a long ways from actual shipping charges, and this is a good thing to remember if there's a dispute later. Even if the merchant won't refund handling charges, the credit card company will.

There's also something to be said for having UPS (or your favorite carrier) pick up the shipment on *your* behalf instead of the seller's. That way, you pay shipping directly to the carrier and the exact amount is never in dispute.

73,

Jack WB3U

409. YK-88SN-1 KENWOOD SSB FILTER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: jagon@ibm.net
Message-ID: <40ai88$1u6l@news-s02.ny.us.ibm.net>
Source record: 214027

Hello!

Does anyone know why I have to use de IF SHIFT knob on LSB mode to get
a good voice sound, but not in USB mode when I use this filter?. Is
there a problem:

1. In the rig?
2. In the filter?
3. There is no problem! (!?)

Best 73 from EA2BSN

410. TH-79A Serial Number Cutoff

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: "M.C. Satt" <X32KB@CUNYVM.CUNY.EDU>
Message-ID: <95222.021701X32KB@CUNYVM.CUNY.EDU>
Source record: 214028

Hello and thanks for reading. I know this has been covered before, but very quickly can someone tell me the cutoof serial number, i.e. the number in which units with a lower number can be modified for full tx/rx on UHF till 512 MHz? Thank you and 73.

de Moe, x32kb@cunyvm.cuny.edu

411. Re: Regency Commercial VHF Radio Programming Instructions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40ce3l$q5e@news.ccit.arizona.edu>
Source record: 214029

dpbaker@lilly.com (David P. Baker) writes:
>I have received a Regency Model VHF radio. It is a large
>radio with a keypad on the front. It can be programmed from
>the keypad by placing a jumper inside the radio. Currently,
>I have no instructions on the programming process. Does
>anyone have access to this information?
>Dave Baker
>
Here's what I have:
Regency Communications, Inc.
Programming Instructions for Regency 250
1) Make sure that jumper JU401 has not been cut.
2) Turn the unit on.
3) Press Pro. Prior.
4) Press 0-all reference to 0 corresponds to 10 on the key board.
5) Press The six digits of the receive frequency (this is also the transmit
frequency if this is a simplex frequency; i.e. 151.625 or
154.000).
6) Press 0 for simplex.
8 for half duplex.
7) Press 4 for Tx disable.
2 for CTCSS encode only.
OR
0 for normal transmit and receive operation.
8) The next digits determine CTCSS frequency. For no CTCSS press 00.
01=067.0 02=071.9 03=074.4 04=077.0 05=079.7
06=082.5 07=085.4 08=088.5 09=091.5 10=094.8
11=097.4 12=100.0 13=103.5 14=107.2 15=110.9
16=114.8 17=118.8 18=123.0 19=127.3 20=131.8
21=136.5 22=141.3 23=146.2 24=151.4 25=156.7
26=162.2 27=167.9 28=173.8 29=179.9 30=186.2
31=192.8 32=203.5 33=210.7 34=218.1 35=225.7
36=233.6 37=241.8
9) If simplex was chosen, go to step 10. If half duplex was chosen, enter the
six digit number of the transmit frequency.
10) Press Enter, then the channel number the frequency is to be stored in.
11) Press Manual, then the digit of the channel to review the channel.
12) For entering another channel, go back to step 5. If no other channels are
to be programmed, turn the unit off, then on. The unit will now be ready for
normal operation.
NOTE: Remove jumper JU401 after programming.

Hope this is what you are looking for,
Chris, N7RME

412. Heathkit Radios SB-303/SB-401 Info Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: Neil Bradley <nbradley@aloha.com>
Message-ID: <40c7f4$hnv@news.aloha.com>
Source record: 214030

A friend of mine has just offered to loan me her Heathkit radios that were 'sitting in the basement'. I found them. They appear to be in good shape, but there is NO manual of any kind
for them. There are a lot of connectors to go betwen the two. I think I can figure most of it
out, but before I do something silly, I thought I would check here and see if anyone had some
info on them for me.

Neil Braldey, N3MYS, Pearl Harbor, HI

413. Re: DSP Recommendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: geo@nando.net
Message-ID: <40bmv8$fib@parsifal.nando.net>
Source record: 214031

phil.heaton@totrbbs.radio.org (Phil Heaton) wrote:

> Someday, maybe someone will build a DSP
>that processes the IF rather that the AF...Good Luck!

>Phil, KE4KRT

JPS Communications makes the ANC-4 ($175) which eliminates local noise before the RX. It is not a DSP product, but works like a null steerer more or less. Match the noise level and shift the phase.

73 DE KQ4QM

414. Re: IC706 antenna connectors?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <40bqof$oct@news.halcyon.com>
Source record: 214032

In article <dgfDD0Hzo.Eq@netcom.com>, dgf@netcom.com (David Feldman) says:
>
>Does anyone know the antenna connector configuration on the IC706? Is
>it a single UHF connector, or are there separate connectors for 2M and
>6+HF or some other arrangement?
>
>Thanks,
>
>73 Dave WB0GAZ dgf@netcom.com
2 UHF connectors. One is for H.F and 6 meters and the other is for 2 meters.

Gary

415. Re: M/C Helmet headset

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <40bqtv$oct@news.halcyon.com>
Source record: 214033

In article <40464e$gau@ns.transport.com>, genew@teleport.com (Gene R. Wolford) says:
>
>In article <DCLyMq.B6n@iquest.net>, rogersmith@iquest.net says...
>>
>>I'm interested in designing/converting a mic/earphone system for my
>>full-face motorcycle helmet. I've got an Alinco DJ-180 HT. I tried using
>>Alinco's lapel/earplug VOX set-up but it proved too mic sensitive even on
>>PTT and too earphone weak for anything above 30 mph.
>>
>>Anyone have any ideas ?!
>>
>>Any such m/c experience with those "Eartalk" mic/speaker set-ups ?
>>
>>
>>Thanks & 73's ..... Roger N9PMC
>
>The "in the ear" mikes I tried picked up more engine noise than a standard hand mike.
Totally useless...
>I bought a throat mike / earphone combination at Dayton. I believe it sys it is made by
Genesis, (or some variation on that
>spelling). It works pretty well. Reports indicate that although there is a lack of high
frequencies, no engine or wind noise
>can be heard.
>The one problem is that the mike must be precisely positioned or it does not pick up well.
Unfortunately, the mike is clamped
>to your neck with a piece of spring steel bent into a half circle.
>This works ok if you never perspire and are a pencil-neck geek. Otherwise, you will find
it springing off your neck again and
>again. Don't even think about putting on sun lotions or it will rocket off your neck as
soon as you release it.
>I think if you replaced the metal hoop with an elastic loop it might work well.
>
>
>KB7WIP
>
>--
>genew@transport.com
>Direct flames to: genew@ucant.gethere.frmhere |
>
I do not have the information at hand, but you can purchase helments already
containing the mics and earphones from Racing Electronics. Look at the Racing
newsgroups, someone there will surely be able to fill you in. Ought to work
neat as the drivers use two way radios simular to amateur radios.

73' Gary

416. FT-840 vs IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: amnet@ix.netcom.com
Message-ID: <40c01l$al@ixnews6.ix.netcom.com>
Source record: 214034

I'm undecided between buying a new Yaesu FT-840 and the ICOM IC-735
which I can find used for about the same price ($800).

They both have Gen.Cov. Receiver and dual VFO. I'm concern about
reliability and signal clarity on the air.

Which one do you think is a better choice ?

417. Re: Morse Code Program ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: swt@aloha.net
Message-ID: <40c39m$hcv@nuhou.aloha.net>
Source record: 214035

In article <95221.115444U54293@uicvm.uic.edu>, U54293@uicvm.uic.edu says...
>
>Try morse-academy (it's the one I am using)..it works via soundblaster.
>
>-boB

Where is it located at ? FTP, Mail order etc ?

Thanks !

418. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: ET-1@aol.com
Message-ID: <40c49n$9n5@ionews.ionet.net>
Source record: 214036

In article <793715592501@humnet.humberc.on.ca>, hduff@humnet.humberc.on.ca
says...
>
>
>>
>> In article <3vhtrk$ebb@ixnews2.ix.netcom.com>,
>> wd6dih@ix.netcom.com (Kevin Karamanos) wrote:
>> >Calls to Advanced Computer Controls last week confirm that ACC is no
>> >longer making Amateur Repeater Controllers. But, some limited numbers
>> >of parts will still be available.
>> >
>> >It's sad to see them go away, since they make the best Repeater
>> >Controllers.
>> >
>> >73's Kevin
>>
>> Hoo, boy is that flame-bait. I won't get too upset, but suffice it
>> to say I am glad to see the well-deserved end to the ACC controller.
>>
>> Now, maybe some of these smaller companies making controllers will
>> get the respect they deserve.
>>
>>
>> Owen Adair WD4FSU email: Owen.Adair@turner.com
>
>
>I'd like to hear your negative comments re: ACC controllers.
>I've used a couple of them and had no problems at all.
>
>Hugh Duff VA3TO Toronto
>
>I maintain 3 RC-850's, 3 RC-85's an RC-96 and a ACC DVR unit......

the manual on the RC-96 has no component placement diagram making it very
difficult to locate a defective component....

the RC-85 has an inherent problem related to the cpu restart/por circuit..

the RC-850 has a number of bugs relating to cpu clock noise turning up in
the wrong places and causing strange problems....

All of their controllers (but the RC-850 in particular) have really
sucky audio handling, distorting the waveforms that are sent into them...

the way that ACC simply parallels all of the audio in's and out's together
is poor, requiring either external distribution amps or lots of ground

loops and hum.....

they really respond well to lightening too.....(even when it's in another state) in other words...they are r e a l sensitive to lightening and surges....

any more questions ????

P.S. I have two of the Link communications controllers...they e a t the ACC controllers in durability, function and audio handling....

419. Re: Regency Commercial VHF Radio Programming Instructions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: martvin@ionet.net
Message-ID: <40c5t1$9n5@ionews.ionet.net>
Source record: 214037

In article <1995Aug9.084833.5791@inet.d48.lilly.com>, dpbaker@lilly.com
says...
>
>I have received a Regency Model VHF radio. It is a large
>radio with a keypad on the front. It can be programmed from
>the keypad by placing a jumper inside the radio. Currently,
>I have no instructions on the programming process. Does
>anyone have access to this information?
>
>Dave Baker
>
>
>**********
****
>| David P. Baker | All opinions expressed or implied are mine and not
|
>| Eli Lilly & Co. | those of my employer.
|
>**********
****
>Internet: dpbaker@lilly.com
>
Yes, as a matter of fact, I do know how to program that radio.....

420. New club on the Web

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: martvin@ionet.net
Message-ID: <40c60s$9n5@ionews.ionet.net>
Source record: 214038

A very old ham club in Oklahoma City, Oklahoma now has a very new home page on the web....it is still under construction but has some neat links and some neat gifs from the top of the t.v. tower....url is as follows:

http://www.profile.net/~mori

Martin Vinson...KN6UG

421. Mod for Kenwood TM-732a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: Nathan Green <ngreen@redshift.com>
Message-ID: <40c7ag$dhh@wing.redshift.com>
Source record: 214039
Cross-posted to: rec.radio.amateur.equipment,red.radio.amateur.homebrew,red.radio.amateur.misc,rec.radio.amateur.digital.misc

I want to mod a Kenwood TM-732a for 9600bps packet
modeming. Can someone send me e-mail if any one knows
how or has location to find mods.

Thanks in advance

--
Nathan Green - KE6EVL
ngreen@redshift.com

422. Mod for Kenwood TM-732a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: Nathan Green <ngreen@redshift.com>
Message-ID: <40c7b5$dhh@wing.redshift.com>
Source record: 214040
Cross-posted to: rec.radio.amateur.equipment,red.radio.amateur.homebrew,red.radio.amateur.misc,rec.radio.amateur.digital.misc

I want to mod a Kenwood TM-732a for 9600bps packet
modeming. Can someone send me e-mail if any one knows
how or has location to find mods.

Thanks in advance

--
Nathan Green - KE6EVL
ngreen@redshift.com

423. PL 172 wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: torch@netcom.com
Message-ID: <torchDD2o1H.H1C@netcom.com>
Source record: 214041

Looking for a PL172 for my HF amp. Working commercial pulls OK!
John
WN9T

424. Stepper Motors.....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: dan drumm <drumm>
Message-ID: <40dqc1$7v@koala.uwec.edu>
Source record: 214042
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

I have a lot of old stepper motors from old DECWriter salvage. etc.
I would love to use these, but I do not know the color combinations.

The two different types of motors have either of these color
wires combinations:

or
black red
yellow orange
-- yellow
red ------
gray green
brown
black

(Many of these stepper motors look piggy backed; -- some of the wires
comming out of the top motor, and some from the bottom.)

Is there a standard color coding for these wires? Any guesses?
I can sequence these motors with my computer, but I need a little
more info.

Any help gratefully appreciated!

-- Dan
Drumm@uwec.edu

425. unsubscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: wire@norman.NO
Message-ID: <9508100837.aa22980@norman.norman.no>
Source record: 214043

```
unsubscribe wire@norman.no
unsub wire@norman.no
```

426. NEW WEB SITE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: berg@primenet.com
Message-ID: <berg.9.00190E35@primenet.com>
Source record: 214044

```
Check out the new web site at: www.primenet.com/~berg
"THE HAM TRADER" list an ad for free.
```

427. Free rig for beginner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: biggs@uhcl4.cl.uh.edu
Message-ID: <10AUG199507335412@uhcl4.cl.uh.edu>
Source record: 214045

I have a Galaxy 550 with power supply and remote vfo available
for someone who wants to check it out and give it to a novice
or other beginning ham. That is the small compact tube-type
hf rig with separate power supply. I acquired it recently
and have not had time to check it out. I plugged the power
supply into the rig and fired it up and everything seems to
work ok but the audio volume is extremely low. I didn't go
much beyond that. Let me know via E-Mail if you want it for
some newcommer to the hobby, not for resale however. It is
free just for picking it up. I live in Pasadena near the
beltway and Spencer highway.

73 Chuck Biggs
KC5RG

428. Re: DPS Recomendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: fgilmore@woodtech.com
Message-ID: <40d928$jk3@news.woodtech.com>
Source record: 214046

kilgore@wichita.tivoli.com (Jeff Kilgore) wrote:

>In article <40aklu$jvh@mandolin.qnet.com>, mikewo6o@qnet.com (Michael Adams) writes:
>|> Does anyone out there have any recomendations on a DPS unit to help
>|> eliminate power line noise. Both the JPS and Timewave advertisements
>|> claim to eliminate power line noise but do they?
>|>
>|> Any input/recomendations would be greatly appreciated.
>|>
>|> Mike in Lancaster, CA
>|>

>Mike,

>I just bought a Timewave DSP-59+ a few days ago, and am very pleased with
>it. I have had the opportunity to try it out with some rather severe
>line noise, and it works very well. In one case, it dropped an S-7
>noise level to virtual inaudibility. I am finding the unit very useful
>overall, and it is very well made.

>73,
>Jeff, KC1MK

I add a hearty 'amen' to this. I bought one in July of last year and
it has been one of the most valuable items in my shack. I use it on
everything from my Racal to R-390A to my Drake collection. I built a
patch panel so I could jumper it in and out to various receivers.

Plan to add another one soon.

My only disappointment was the failure to ever receive the upgrade
chip the company touted earlier in the year..... they dropped the
ball on that one badly and I do know some who got it but many who did
not .

73,

Frank K0JPJ ex-W5PVX ...-.-

429. Re: IC706 antenna connectors?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: jeff.mcleman@airdata.com
Message-ID: <40d8pb$741@www.airdata.com>
Source record: 214047

dgf@netcom.com (David Feldman) wrote:

>Does anyone know the antenna connector configuration on the IC706? Is
>it a single UHF connector, or are there separate connectors for 2M and
>6+HF or some other arrangement?

>Thanks,

>73 Dave WB0GAZ dgf@netcom.com

A total of two connectors.

One connector is for 160 through 6 meters.

The other is for 2 meters.

Jeff McLeman -- KD1IT kd1it@ms.seanvg.ampr.org
Redmond, Wa kd1it@n0ndo.wa.usa.na
jeff.mcleman@airdata.com

---

430. Re: Kenwood TS-520S opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: jeff.mcleman@airdata.com
Message-ID: <40d8ss$741@www.airdata.com>
Source record: 214048

ssgreen@aerospace.aero.org (Steve Greenberg) wrote:

>In article <405v16$r07@newsbf02.news.aol.com>, billv21572@aol.com
>(BillV21572) wrote:
>>
>> Hello all,
>> I'm angling to buy a Kenwood TS-520S transceiver, and would like to hear
>> what other peoples experiences have been with it. I plan on using it
>> initially on the 10 meter novice voice band. Any comparisons to the
>> 520SE? I really don't know this rig well, so would appreciate any input
>> from users out there. Thanks. Sincerely,
>> Bill Vanstralen KA9HLN St. Paul, MN (612)688-2552 billv21572@aol.com

>Hi Bill

>I had a TS520S for many years and it was always a top performer. Never had
>the slightest bit of trouble with mine. In 10 years of ownership, I
>changed out the finals once. I always got good audio reports, good cw
>reports on tone and character reception, and the receiver was always hot.
>The noise blanker was really quite effective against pulsating noise. All
>in all, I would highly recommend it to a novice. I don't know what the
>differences were with the 520SE, but I sure it was the same basic rig. Try
>and find one with the CW filter installed. The filter may be hard to come
>by sepparately, but it adds much to the receive quality to the CW.

>Good luck and 73s
>Steve, WA6TAF.

I'll have to agree with Steve, my TS520S was superb. I feel bad that I
sold it (in favour of a TS850S), and now wish I kept it...

Sigh....

Jeff -- KD1IT /7

Jeff McLeman -- KD1IT kd1it@ms.seanvg.ampr.org
Redmond, Wa kd1it@n0ndo.wa.usa.na
jeff.mcleman@airdata.com

---

431. Midland commercial radio help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: hillgen@er5.rutgers.edu
Message-ID: <40dcim$89s@er5.rutgers.edu>
Source record: 214049

Hell all. I have a Midland 70-154B commercial HT and I need to know
if the radio can be programmed using the 70-1080 programming unit. I
know that this unit is capable of programming the syntech II radios but I
am unsure about mine. Any help is appreciated.
Thanks
Jay

432. Re: 2 Meter HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: bphillip@csc.com
Message-ID: <40de8n$h5n@explorer.csc.com>
Source record: 214050

jbeens@silver.sdsmt.edu wrote:
: Hello all!
: I am new to the tech-plus class and I am looking for a 2 Meter HT, or maybe a
: mobile rig to mount in my truck. I am attending college now, and do not have
: a lot of extra cash to spend on such an item. The limit of my price range
: runs about $200. What would be the best rig for the money that I want to
: spend. I do some interstate traveling, and may be in some areas where I need
: more power than an HT to hit the area repeater. I would like to hear some
: suggestions on where to look, or what to look for, in either style of radio.

In your price range, you probably want to consider a second-hand unit. A new 2m HT will set you back $250 or more, depending on the number of "bells and whistles" you want, and a mobile will run even more. A local ham-fest is a great place to shop, and many dealers also take trade-ins and sell the used ones they take in this way. Naturally, you shouldn't buy any used equipment without examining it carefully. If you go with a used "rig", try to get a knowledgeable "older" ham you trust to help you evaluate the ones you're considering.

In case that's not an option, here are a few things to look for from someone who was in your situation a mere 5 months ago, FWIW. (All these suggestions are based on the premise that this'll be your only "rig" for a while.)

I'd get an HT because of the greater portability. You'll sacrifice a few features and a lot of power, but you'll find more opportunites to use the thing, unless you spend a LOT of time in your truck. In regard to power, I'm finding that a good antenna is more important than lots of watts when you're transmitting, which brings me to

Antennas (plural intentional). Get a good one for your truck and buy or build another for home use, then don't use the "rubber duckie" unless you're afoot. In fact, you wouldn't go wrong to get an aftermarket telescoping one for this purpose. I've used an ANLI 800 on my HT in a QSO where the repeater was over 60 miles away. We were "full quieting" both directions event though I was only running a couple of watts.

Given the multiple antenna scenario above, you'll be changing feed lines often and should, therefore, try to determine that the connector is as well-secured as possible to the body of the unit. Also, be careful when switching and position the HT so the feed line isn't exerting any pressure on the connector. A good way to accomplish this is to get an external PTT speaker/microphone. An external earphone is also handy.

Also, get an additional battery. Longer life is probably better than higher voltage unless you'll often be on foot in "fringe" areas where it's harder to "hit" a repeater. It's a good idea to find some way of

charging one battery by itself (detached from the HT) while you're using the other. My HT came with a "stand" charger that services both my batteries. A cigarette-lighter adapter for the car and a "wall-wart" AC adapter for the house round out the power package nicely.

Naturally, all these things cost money, and you'll probably use up most (if not ALL) of your $200 budget just on the HT. You can use the above items as a "shopping list" to give to friends and relatives; that way, they'll know what to get you for birthdays/Christmas/graduation/etc. ;-) Since your immediate concern will be with the transceiver itself, here are a few features to look for (categorizations are, of course, "IMHO"):

MUST-HAVE: DTMF keypad (for telephone "patch"), CTCSS (aka "PL" tone) encode, back-lit display, ability to store several (10 or more) sets of frequency/offset/PL-tone for different repeaters, memory-scan mode to search these, high/low power output setting, QUALITY CONSTRUCTION

NICE-TO-HAVE: signal-strength meter, backlit keypad, out-of-band receive (for listening to other ham band and/or police/fire/ambulance/weather/etc), priority "call channel"

CAN-LIVE-WITHOUT: DTMF/CTCSS decode, auto power-off, aviation/MARS/CAP receive (unless you're military and/or a pilot), more than 25 "channels" (frequency/offset/PL combinations), DTMF memories (like auto-dial on a telephone)

If you decide on a mobile (in-car) "rig", I'd put repeat, remote operation, simultaneous dual-frequency receive, remote faceplate, and a clock in the CAN-LIVE-WITHOUT category (for your first one, at any rate).

--
bdp (bphillip@explorer.csc.com) 73 de KC5OQG
-- my opinions are my own, etc., etc. <== usual disclaimer --

433. REQ help with Motorola HT-600

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-10 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <40dgnb$n4s@news1.deltanet.com>
Source record: 214051

I posted here for lack of a better group. I have a Motorola HT-600
(model H44SVU7120CN) with 2 Channels. It has a 6 position channel switch.
(I took the cap off of the switch and there is a piece of metal that
stops the knob from rotating to the other 4 positions) My software will
let me program 6 channels after reading this radio....
My Question:

Is there a way to expand the radio to 6 channels?

(It repeats ch 1 & 2 if you rotate the switch now.
i.e. F1=1 F2=2 F3=1 F4=2 F5=1 F6=2)

Please respond via email to mikek@deltanet.com thanks

434. Amateur radio equipment for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: nick@vlsi.polymtl.ca
Message-ID: <40frdh$str@charles.cdec.polymtl.ca>
Source record: 213902
Cross-posted to:
mtl.general,qc.general,can.forsale,na.forsale,ny.forsale,rec.radio.amateur.equipment,misc.forsale,mtl.vendre-forsale

```
A friend of mine has the following for sale, please contact him
at the numbers below. DO NOT EMAIL MY ACCOUNT, I will not respond.
All prices are in Canadian dollars. All units are in excellent
condition with all manuals and boxes available.

Contact: Patrick Harris (VE2PGH) @ 514-272-2943 or FAX to 514-272-3247.

*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*

- Kenwood TS680S all mode HF rig $1150

- SGC 230 antenna tuner $500

- MFJ407B keyer $40

- Bencher Iambic paddles (black) $50

- Alinco ALD24T 144/440 MHz rig $450

- Yaesu FT470 dual band HT $425
- Yaesu FNB17 batteries for HT $50 (2 units)
- Yaesu 18A2B microphone for HT $35
- Yaesu desk quick charger $85
- Yaesu FT212RH 144 MHz mobile rig $450
- Yaesu FT712RH 440 MHz mobile rig $550

- ICOM IC03SAT 220 MHz HT $450
- ICOM batteries for above included (2 units)

*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*

--
*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*
* Nick Ciarallo Telephone: 514-335-2429 ex: 438 *
* SR Telecom Inc., Microwave Group Facsimile: 514-334-7783 *
* 8150 Trans Canada Hwy Internet : nick@vlsi.polymtl.ca *
* St. Laurent, QC. Canada H4S-1M5 Hamradio : ve2hot@ve2fkb.pq.can.na *
*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*-*
```

435. More Amateur radio stuff for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: nick@vlsi.polymtl.ca
Message-ID: <40frgh$suc@charles.cdec.polymtl.ca>
Source record: 213903
Cross-posted to:
mtl.general,qc.general,can.forsale,na.forsale,ny.forsale,rec.radio.amateur.equipment,misc.forsale,mtl.vendre-forsale

I have the following for sale, all prices are in Canadian dollars:

-
- ICOM IC735 all mode HF rig general coverage RX/TX
$1000 or best offer

- ICOM IC02AT 2 meter HT with case and battery
$250 or best offer

- TH5DX MKII HyGain 5 element tri-band beam
$500 or best offer

- UTUXT/P Kantronics terminal unit, all mode including HF packet
$200 or best offer
-

All units are in good to excellent condition and all manuals are
available. Please contact me at the numbers below.

-
* Nick Ciarallo Telephone: 514-335-2429 ex: 438 *
* SR Telecom Inc., Microwave Group Facsimile: 514-334-7783 *
* 8150 Trans Canada Hwy Internet : nick@vlsi.polymtl.ca *
* St. Laurent, QC. Canada H4S-1M5 Hamradio : ve2hot@ve2fkb.pq.can.na *
-
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-
* Nick Ciarallo Telephone: 514-335-2429 ex: 438 *
* SR Telecom Inc., Microwave Group Facsimile: 514-334-7783 *
* 8150 Trans Canada Hwy Internet : nick@vlsi.polymtl.ca *
* St. Laurent, QC. Canada H4S-1M5 Hamradio : ve2hot@ve2fkb.pq.can.na *
-

436. Re: HTX-202 and Customer Service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDD5nn6.A6z@netcom.com>
Source record: 213904

John Amdor III (johnmxl@ix.netcom.com) wrote:

: Interesting...

: The manager of the store that I shop at knows my name, so he doesn't
: ask anymore.

: This means that either:

: a. He has a good memory.
: b. He doesn't have a very large customer base.
: c. I spend entirely too much time at RS.
: d. All of the above.

: Oh well...

In my case, it's a combination of knowing me from the local ARC, where I'm treasurer and often net control, and frequent purchases over the short term. My wife bought a nice scanner for me for Christmas, and I bought the HTX-202 and HTX-404 when both were discounted by $70 back in April.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

437. IGNITION NOISE-MOBILE HF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: roy5715936@aol.com
Message-ID: <40g8ph$r91@newsbf02.news.aol.com>
Source record: 213905

I would like to know if there is anyone out there that has been sucessful
in eliminating ignition noise. I run a Yaesu Ft-900 and the noise is
fairly severe. I dont thing the DSP units take care of this.
Thank You
Roy

438. ICOM IC2SA Help needed!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: Al Bolton <Al@boltons.demon.co.uk>
Message-ID: <808169281snz@boltons.demon.co.uk>
Source record: 213906

Hello,

I have just acquired an Icom IC2SA 2m handheld rig. It is in full working order but it seems to lack a toneburst. I understand that there are many mods for this little set and I would be most grateful for any details you may have. As I live in England, the version of the set imported here was the IC2SE-does anyone know how to convert the 2SA into the 2SE?

Many thanks,

Al Bolton.
OK8VSQ/OM/G4VSQ.
Caversham, UK.
----

439. Re: Kenwood TH-79D mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: joe@sd.inri.com
Message-ID: <40giv9$gbo@gozer.inri.com>
Source record: 213907

Greg Smith (greg.n.smith@daytonoh.attgis.com) wrote:
: Does the TH-79D have wide RX modifications?

: If so, are the mods hardware or sofware via the keypad?

: Sorry if this seems like a really obvious question. I've been
: looking for some time and haven't seen anything already
: posted.

: --
: Greg Smith
: AT&T Global Information Solutions
: Dayton, Ohio

What are the differences between the 79a and 79d?

--joe(ke6weo)
My opinions are mine...All mine.
joe@sd.inri.com
Inter-National Research Institute 10101 Old Grove Rd. Sandy Ehgo, CA. 92131
For long you live and high you fly, And smiles you'll give and tears you'll cry
And all you touch and all you see, Is all your life will ever be...PF.DSotM

440. HF rig control software; esp for FT-840

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: "Brian D. Sarka" <32DKUZ3@cmuvm.csv.cmich.edu>
Message-ID: <95223.17563632DKUZ3@cmuvm.csv.cmich.edu>
Source record: 213908
Cross-posted to: rec.radio.amateur.equipment,

I would be interested in recieving comments on computer software control of rad
ios. Please reply via e-mail
What have you used that works for you?

441. Deep Inside, Duffy likes Radio Shack

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: an297334@anon.penet.fi
Message-ID: <140335Z11081995@anon.penet.fi>
Source record: 213909

:)

To find out more about the anon service, send mail to help@anon.penet.fi.
If you reply to this message, your message WILL be *automatically* anonymized
and you are allocated an anon id. Read the help file to prevent this.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

442. Re: Does anybody have an address for ROHN?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: Allen Hansen <eeb@access.digex.net>
Message-ID: <40fo59$4vn@news4.digex.net>
Source record: 213910

henryvb@aol.com (HENRYVB) wrote:
>The tower people, that is. If so, please email it to me. don't post
>here, why waste bandwidth.
>
>
>thanks
>
>henryvb@aol.com

Their address is:

Rohn
P.O. Box 2000
Peoria, Illinois 61656
voice # 309 697 4400
fax # 309 697 5612

I posted this here so everyone would realize he got a response and
users wouldn't flood his mailbox with hundreds of responses.

Allen
--
****
ELECTRONIC EQUIPMENT BANK Sales- 800 368 3270
323 Mill St. N.E. Fax- 703 938 6911
Vienna, VA 22180 BBS- 703 938 3781
* Internet: eeb@access.digex.net *
* Compuserve: 73424,1345 *
****

443. FOR SALE KENWOOD

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: thompson@taucigna.lu.robins.af.mil
Message-ID: <40frap$pfe@taucigna.lu.robins.af.mil>
Source record: 213911

830S

EXCELLENT CONDITION 830S SSB$CW FILTERS MIKE $600.00 JIM KE4OWC 912-923-7573.

444. RE: *** STOLEN RADIO *** ENGRAVING service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: Michael.Black@juxta.mba.org
Message-ID: <793_9508111730@mba.mba.org>
Source record: 213912

randyrho@drycas.club.cc.cmu.edu offered to engrave
"HTs clip or removable plastic anything" for a dollar
plus shipping.

The problem with this is right there in the ability to do
this. If you can remove the clip or anything to send away
for engraving, then it's not too useful. The thief can
always remove the item and claim "it was lost". You want
any identifying mark to be engraved in an integral part of the
unit.

It's probably worth engraving any piece of equipment twice.
Inside in a more or less hidden location where you can use it
to reclaim it should it ever get stolen and then recoverd.

Then also engrave it in a very obvious place where someone will
look when examining it should it get stolen. For the honest,
an identifying mark that the seller can't explain away (with
a bill of sale from the original owner, for instance) would be
a warning that the thing is probably stolen. It might also lead
that honest person to contact authorities about the possibly stolen
rig.

By the way, around here the police department will engrave an
identifying mark in a piece of equipment that you want marked.
I can't remember if you just have to drop by a police station,
or if you have to watch for when they have some sort of drive.
It might be worth looking into this in your area. If the police
don't do it, maybe some other community organization has such a program,
or simply has an engraver that you can use. Perhaps even an
insurance company would do it, since it's in their favour to
keep theft down.

Michael VE2BVW
--
| InterNet: Michael.Black@juxta.mba.org
| Standard disclaimer: The views of this user are strictly their own.

445. re:Modifying a Yaesu FT-101b for 17meter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: Michael.Black@juxta.mba.org
Message-ID: <794_9508111730@mba.mba.org>
Source record: 213913

joe@westonia.com (Joseph Cooper) wants information on
converting the FT101B's 11 meter position to 17 meters,
and allowing for transmitting on the WWV (10MHz) position
for 30 Meters.

Check 73 Magazine from about a decade ago. I know there
was an article in there for converting the FT101 for some
of the new bands. I can't remember if it included the 30
meter conversion, or simply mentioned that it had been
described already, but I do think it mentioned converting
the 11meter position to 17 meters.

I'd say it was around '85 or '86, but sorry to say I'm
not sure of the exact details. I do know it was in 73
and it was around that time.

Similar mods might have been described in the Hints and
Kinks column in QST. I never saw such a thing, but it
is the sort of thing that would show up in that column.

Find someone or some place (a library? a ham with a good
and organized collection of ham ma

Find someone or some place (a library? a ham club?) with a
good and organized (unlike mine) collection of ham magazines,
and start looking through the annual index at the end of the year.

I hope this is a start.

By the way, when the FT101 came out, 11 meters had not been a ham
band in the US for over a decade. Here in Canada, most of it
had been allocated to CB like in the US, but maybe three channels
worth (I think at the low end) were kept as a ham band, though I
doubt anyone used it at that point. It was still in the books
as late as 1972. It was eliminated at the same time as they
dropped the requirement that you be 15 years or older to get a
ham license here in Canada. I got my license two months after
that change, when I was twelve.

Michael VE2BVW
--
| InterNet: Michael.Black@juxta.mba.org
| Standard disclaimer: The views of this user are strictly their own.

446. HQ-145

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: cowart@news.eng.convex.com
Message-ID: <40fsgb$5d2@worm.convex.com>
Source record: 213914

[Article crossposted from rec.antiques.radio+phono]
[Author was Michael Cowart]
[Posted on 11 Aug 1995 15:19:00 GMT]

I don't know if this qualifies as an antique, but I have acquired
a Hammurland HQ-145. HELP -- I need the manual! Is there some
kind soul that can send me a photocopy? Will pay for copying and
postage.

ALSO, what is this receiver worth? It is in GOOD condition, no scratches
on the front panel and the usual nicks in the cabinet -- VERY clean.
It has a FUNCTIONAL clock. The unit works well.

any info would be appreciated, especially the manual :)

thanks

Mike
WA5CMI

Mike Cowart e-mail: cowart@convex.com Convex Computer Corp.
My opinions are mine, not my employer's. Richardson, Texas

--

Mike Cowart e-mail: cowart@convex.com Convex Computer Corp.
My opinions are mine, not my employer's. Richardson, Texas
---

447. Re: Handheld speaker mics? Ya

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: 917461@bud.swin.edu.au
Message-ID: <40fssn$j5e@lucy.swin.edu.au>
Source record: 213915

Clint Bradford (clint.bradford@woodybbs.com) wrote:
: Subject: Handheld speaker mics? Yaesu? Generic?

I have a Yaesu speaker mike for my FT728 (Japanese domestic model FT 470, no idea how it got to Australia!). I have friends who have near identical copies, MFJ I think.
The main difference is in the stiffness of the coiled cable!
If I drop mine it hits the floor, my friends don't fall that far because the cable is stiffer.
This seems to be the only difference, and seems to me to be a good reason to buy the MFJ item, which is about half the price of the Yaesu mike here in AUS. (got mine second hand with the radio)

Graham
VK3TGW

448. Re: Need Recommendations for Deep storage Battery

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: root@jackatak.theporch.com
Message-ID: <BNwo0c2w165w@jackatak.theporch.com>
Source record: 213916

robertl@freenet2.scri.fsu.edu (Robert Lakin) writes:
> With a really bad hurricane season coming, I need some
> recommendations for deep storage 12 volt batteries. Let me know.
Well, I have a pair of InterState Batteries, don't recall the model,
that are marine duty cycle deep discharge batteries that produce 1300
cold cranking amps (if I recall, that is equivalent to drawing 1300
amps for 30 seconds before a single cell drops below .9V or the entire
voltage drops below 10.?

The bloody things are huge, but they are rated to produce 30 amperes
for 650 minutes (10 hours and 50 minutes) from a full charge... Takes
a while to shove that many electrons in there, but they keep my Unix
system up when the Lectric Company is on "holiday"
--
73,
Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)

+--*--+
Jack GF Hill	Voice: (615) 459-2636 - Ham Call: W4PPT
P. O. Box 1685	Modem: (615) 377-5980 - Bicycling and SCUBA Diving
Brentwood, TN 37024	Fax: (615) 459-0038 - Life Member - ARRL
root@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
+--*--+

449. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: mmusick@talx.com
Message-ID: <mmusick-1108951043480001@198.102.74.50>
Source record: 213917

>
> I'd like to hear your negative comments re: ACC controllers.
> I've used a couple of them and had no problems at all.
>
> Hugh Duff VA3TO Toronto
>

Tho't you might be interested in an impartial observation; my only personal objection to the ACC controllers is that they are expensive - for what they do, to fix, and to upgrade. But, anyway...

Three of our club's (high profile) repeaters rely on RC-85 controllers. Over the past several years we've had a series of failures which lead me to believe that there is a certain lack of robustness in the design. The most problematic areas relate to the audio chain, and particularly the DVR (digital voice recorder). The codec chips are especially fragile, and are difficult to find from sources other than ACC, who wants a comparative King's Ransom for the parts.

In the eyes of our user base, we are constantly having to apologize for system failures. The mailbox feature of the DVR hasn't been used in months because of the reliability problems as well as access complexity; people got tired of messages lost either through miskeying a code or DVR glitch. As a control op on these machines, at least once every two months I have to keep notes with my code sheet which detail whatever workaround is in effect to deal with one failure or another. Also, three or four times a year it "dumps" the library of prerecorded messages, and we have to reload the whole mess.

Our systems are maintained by professional radio technicians. I estimate that 90% of their maintenance time is spent on controller issues. Another club I belong to uses a Hamtronics controller on their repeater, and, as a comparison during the same period, has had *no* controller failures. And, personally, I would not have made a Hamtronics controller my first choice.

ACC controllers are doubtless capable and feature-rich. However, the track record from my limited experience with them is not very positive.

FWIW.
...mm

==========
Mike Musick/N0QBF mmusick@talx.com**
TALX Directory Division 71301,3106@compuserve.com
St. Louis, MO
Opinions expressed are my own...

...like someone else would want 'em, right?

** - If you have to reply email rather than in the newsgroup,
use the CompuServe address. Our mail server died a while back
and I've been given "real soon" on when it'll be up. You know
how *that* works!
==========

450. Re: 2m radio advice sought...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: 917461@bud.swin.edu.au
Message-ID: <40fu6t$j5e@lucy.swin.edu.au>
Source record: 213918

Judging from the FT 530 advertised for $350 your prices are a bit different to ours in AUS, but I'll assume that you have 6/7 x what a 530 costs in AUS...

What do you want?
A spare battery pack is very useful.
A charger, ideally fast is essential.
A 12V adapter and speaker mike help use in a car, along with a magnetic base antenna, but don't expect wonders.
Scanning is useful, as are memories.
Battery saving functions (listen for 100ms, turn off for 900ms) is worthwhile.
In Australia DTMF and Tone squelch are not terribly useful, this may be different for you.

I am only familiar with the Yaesu range.
The FT 207 is a dinosaur with a LED display and 4 memories.
The FT 208 is the same with LCD display.

The FT 203 is a basic compact thumbwheel tuning handheld, with vox, from the mid 1980's
The FT 209 is a keyboard operated, scanning, multiple memory, battery save etc unit, same generation as the 209 with matching accesoriesand battery to the 203.
(FT709 is 70cm version)

The FT 23 is the next generation basic unit, not very many memories etc. (FT 73 on 70cm)
The FT 411 is the more sophisticated unit of the same generation, battery etc match FT 23, features similar to 209.(FT 711, I think)
FT 470 is dual band 2m/70cm version of 411, without vox.(also called FT728 with 800 - 950 Mhz recieve)

Next generation was FT 415 (similar to 411), FT 25 (I think) (similar to 23) and FT 530, similar to the FT 470. By the time these appeared I owned a FT 728 (apparently the Japanese domestic version of the FT 470, I've no idea how mine got to australia, I've never seen another one) which I am listening to as I type.

My guess is you can probably afford a 411, a 415 or a 470. Plenty of mods for extended transmit/recieve are available for the 470. I don't know what your interest in 70cm is, or even if you are licensed for 70, but I am perfectly happy with my FT 728 (FT 470 equivilent)

BTW, my first radio was a portable FM/SSB FT 290 about the size of a car radio, with nicads. It was simply too big to cart around and too low

power to be really useful at home. It is now connected to an amp at home and operated off mains via a power supply.

Graham VK3TGW

451. Re: Azden 6m handheld. Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.778.009DCBD5@mail.mei.com>
Source record: 213919

In article <3vkntp$m4e@news.wco.com> km6xu@wco.com (Mark Walsh) writes:

>If you want a six meter FM handheld, you really don't have a choice.
>Regarding my AZ-61, my thoughts are:

I had the AZ-21A, the 2-meter equivalent of the AZ-61.
Mechanically, they are almost identical.

>Pluses:
>This unit is built more like a commercial radio than an amateur radio.

That was my hope. I bought two AZ21 units. I sold both. Both
eventually went back to the factory for repairs. Under warranty
and free, at least.

One periodically lost all audio. A poor solder joint or something.
The other would periodically lose all memory. It wasn't the backup
battery. They just gave me a new (I wonder) unit.

I heard good stuff from some people on Azden's quality and the
unit sure LOOKED tough. I thought the first one was maybe one
of those rare lemons so I gave 'em one more shot. Sorry Azden,
two strikes and you're out. BTW, I never dropped or abused
my units.

>The volume and squelch controls have both good range and feel nice.

Yes, but I found the audio poor for a unit it's size. A $220 Alinco
DJ180T will kick-ass audio-wise compared to the Azden. The
Radio Shack HTX202 also.

>The seals around the two buttons are almost too good.

This I agree with. The seal job is excellent. There's a full
rubber gasket underneath the switches. The switch "rods"
actually push down on the gasket so as to make mechanical
contact with the actual switches on the other side.

>It seems to go a long time on a battery.

But there was no low battery warning of any kind on the AZ-21.
It just goes dead without warning. Better have a spare handy
all the time.

>My Yaesu speaker mic works fine with it.

Actually, Azden makes a fantastic "waterproof" speaker mike.
And it worked great on my Alinco HT too. The Azden speaker-
mike provided better (and louder) audio then the Azden HT itself!

>It's American, gosh dang it!

No. Azden is made by the Japan Piezo company.
Doesn't it say that on the back!? Their US sales
and support office is out East.

>Minuses:
>The user interface absolutely sucks! I've crashed its software twice.

It's bad, but you get the hang of it. And it is almost imposible to
QUICKLY change PL tones and offsets while in VFO mode. It's
kind of a "program it and forget it" radio. Set it up the way you
want (painful) and hope you never have to change anything.
And you better lock that manual (crappy as it is) away in a safe! ;-)

I think the user-interface was programmed by a non-ham,
non-RF-aware computer science major fresh out of school
using an assembly language he never used before. Maybe
even by a co-op student as a sort of summer project ;-))

>The only battery available is a 12V 600mA that is compatible with nothing.
>The only battery charger available is its geeky "five hour" stand.

I easily hacked their supplied battery stand into my W&W associates
microprocessor based rapid charger. Works great.

Mechanically, the Azdens are built like tanks. But IMO, their
circuit board fabrication and software are BAD.

Anyway, Azden is your only choice for an amateur 6-meter HT.
Good luck.

--
kevin.jessup@mail.mei.com Marquette Electronics, Inc
http://www.mei.com Milwaukee, WI 53223 USA

452. New Ham Radio Test Software - Macintosh

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1108951714240001@wd1v.mv.com>
Source record: 213920

The new Macintosh Ham Test Simulators are HERE!

Novice Ham Test 5.0 SA.sea
Technician Ham Test 5.0 SA.sea
General Ham Test 5.0 SA.sea
Advanced Ham Test 5.0 SA.sea
Extra Ham Test 5.0 SA.sea

The latest versions feature:

HyperCard 2.3 as a stand-alone application (SA) eliminating
the need to have HyperCard. All you need is a Mac with 4
Meg of memory and version System 7 or greater.

Each version 5 Ham Test Simulator has the latest questions
as prepared by the Question Pool Committee.

Each Ham Test Simulator is FREE OF CHARGE and work the
same way as the originals written by Diana, KC1SP.

You may obtain a Ham Test Simulator by mailing me a *FORMATTED
disk (1 per test) and include a Self Addressed and Stamped disk
mailer for the return.

The Ham Tests are now also available via America On Line.

Each Ham Test Simulator is also bundled with a shareware CW
program called MacMorse 1.4 written by Doug, WB0EON.

Also included are a collection of text files that relate an
interesting variety of ideas about the best way to study CW and
prepare for tests.

If you load these onto file servers where others can gain access
via Internet, please let me know so we can point others in that
direction.

Your comments and suggestions for future versions are always
welcome. Stay in touch and good luck with your next test!

73,

--

==
John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive America On Line: jseney@aol.com
Manchester, NH 03103-6150 AX.25 Pkt: wd1v@wb1dsw.nh.usa.na
(H) 603-668-1096 Ampernet: wd1v@wd1v.ampr.org

(O) 603-627-6303 (F) 603-627-1623 (P) 800-SKYPAGE #5956779
* Source for Digital Scope.FAQ
*To obtain the latest copy automatically, simply send me an EMAIL
with "subscribe scope.faq" in the subject field.
==========

453. Re: Standard C508A Dual Band Micro HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug11.135232.7096@ke4zv.atl.ga.us>
Source record: 213921

In article <40ba1l$do6@newsbf02.news.aol.com> nepaleduc@aol.com (Nepal educ) writes:
>Has anyone any experience with this new HT? Looks like a nice extension
>of the C108A to include both 2m and 70cm, all in about 5 ounces!

I've got one, it's a nice little toy. Batteries last a *long* time
(uses a pair of AA). Audio quality is surprisingly good. The 1/4 watt
transmit won't hit any repeaters from my location with the included
antenna, but it hears plenty of them. Comet has a new antenna, the
SMA-3 that's made for this radio, and it improves range nicely, though
at 15 inches long it sort of defeats the purpose of the tiny radio.
I find the rig most useful as a wireless microphone for my dualbander
mobile rig.

There is no touchtone pad, and the operating controls are slightly
confusing at first. You need to read the really bad manual several
times to find out all the tricks (lots) that this rig will do. Aside
from no TT pad, the only other drawback I see is that the rig won't
operate true dual band, IE you can only operate on one band at a
time. That's a problem if you like to use a mobile rig in crossband
to enhance your transmitted signal, but receive directly on the HT.

The rig has two call channels, one each on 2m and 70cm, and 60
channel memories that can be mixed in any order regardless of
the band switch setting, IE you can have alternating 2m and 70cm
frequencies stored and can use them without regard for the position
of the band switch. The band switch only affects the VFOs and
the call channels. CTCSS encode/decode are built in, and repeater
splits can be programmed standard or odd, and stored with each memory
channel. You can lock PTT or the frequency from the setup menu, so
you won't accidentally transmit or change frequencies while carrying
it around. There's a nice LED illuminator for the LCD display that
is genuinely useful in the dark. (In fact it's bright enough to
use as an emergency flashlight.)

The squelch is very unusual. The noise squelch is fixed. There's no
way to adjust it externally. The factory adjustment seems to work well
however. There is an alternate signal level squelch that is adjustable,
working off the S meter. I haven't found a use for that yet. And of
course, you can use CTCSS decode squelch. There's a monitor button which
forces the squelch to open. When in repeater split mode, pushing monitor
flips to the input frequency, when in simplex mode it just opens the
squelch. Monitor is momentary unless you hold down the function button
while hitting monitor, then it locks the squelch open until you hit the
monitor button again. (A nice touch.)

There are 10 programmed limit scan memories, plus band scanning, selected 1 MHz scanning, all scan, and memory scan. And there are three different scan stop modes, hold, busy hold, and timed. Step rate is programmable to all the usual steps. While the scan rate isn't particularly fast, it does stop on channel reliably. Sensitivity seems to be good, though the supplied antenna is only useful in the 2m and 70cm bands. A different antenna works much better when listening outside those bands. There is an AM detector which can be set to automatic or manual. The unit covers from 110-200, 300-400, 400-520, and 700-900 MHz (cellular locked out, however image rejection is non-existant on this band so the lockout is rather moot). The extreme limits of each band aren't usable because the PLL comes unlocked at the band edges.

I haven't yet taken it to a high RF area to check intermod. At my rural location, and on just a whip, no intermod has been noted. Used on an outside antenna, or in a high intermod area, that may not be the case.

There are the usual mods for out of band transmit and for unlocking cellular (though the latter is moot as noted). These are accomplished by removing two microscopic zero ohm surface mount jumpers internally and resetting the CPU.

An optional NiCad pack is available, but since alkalines last so long I don't think many people will bother with that. There is also an optional speaker/mike, but with the radio's small size that hardly seems worthwhile either. It does use the standard Icom/Yaesu double plug arangement so those speaker/mikes, headsets, and *packet* cables will work. Adding a PacComm PicoPacket and a HP200 (or similar palmtop) makes a tiny pocket portable packet station. I haven't tried to make it work at 9600 baud yet, but I'm doubtful it will work at that speed without further modifications. Most rigs won't.

The major downside to this radio is that the manual *really* *really* sucks. You'll find yourself learning how it works more by experimentation than from the manual. No schematics are included, though there is a block diagram, and there are no board layouts either (which would be *really* helpful). I don't know if there is a service manual in English available yet, but one would be welcomed. One other note, the antenna connector is SMA. If you intend to use an external antenna, be sure to pick up a SMA to BNC adaptor. I'm not sure how well the radio will stand added mechanical loads to the antenna connector, however, so I'd advise caution here.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

454. Re: Morse Code Program ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: root@jackatak.theporch.com
Message-ID: <Jwwo0c3w165w@jackatak.theporch.com>
Source record: 213922

jjmartin@world.std.com (Jim Martin) writes:
> swt@aloha.net (Steve W. Teegarden) wrote:
> :>Does anyone out there have any information on a shareware program that
> :>teaches CW on a sound blaster ?

> :>been ALOT of them, work only with the P.C. Speaker.
> :>Even Super Morse sounds REALLY poor using a Sound blaster...
>
> Whew! So, I'm not the only one whose noticed this.
Hmmmm. Just a guess, but are ya'll trying to use a non-windows version
of SuperMorse with your S/B card to produce a nice note under a DOS
window? If so, *THAT* is your problem... it has nothing to do with the
program, which works quite well, UNDER DOS, but WINDOZE has some
really excentric ways of doing things that get in the way of the
SuperMorse code and bugger up the sound...

If isn't a problem with the program or the S/B card, it is BILL GATES,
the man who said "640K ought to be enough memory for anyone..." and
then proceeded to produce WinDoze.... ;^)

The instruction sheets for SuperMorse are pretty good at calibrating
things and for making the note sound OK... Tghen again, I do my CW
mobile, so road noise covers loads of mistakes! ;^)
--
73,
Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)

+--*--+
Jack GF Hill	Voice: (615) 459-2636 - Ham Call: W4PPT
P. O. Box 1685	Modem: (615) 377-5980 - Bicycling and SCUBA Diving
Brentwood, TN 37024	Fax: (615) 459-0038 - Life Member - ARRL
root@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
+--*--+

455. Where get batteries for H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.2940.7583.0NFBAD49@woodybbs.com>
Source record: 213923

```
Subject: Where get batteries for HTX-202

>>Does anyone make aftermarket batteries for HTX-202's?

Look for ICOM CM-8 / BP-8 replacements!
```

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details BBS - 909/681-6221 - EFF/AOP/ASP
 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

456. Re: Azden 6m handheld. Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: davidb9608@aol.com
Message-ID: <40gmpm$2cv@newsbf02.news.aol.com>
Source record: 213924

I have owned the az61 for about 9 months i loaned it to a friend for 3 months and talked to him while he drove around with it most days. It has excellent audio. it works very well with a good antenna. We used the radio shack 5/8 wave 2 meter mag mount on his car for an antenna with good results. we checked first and the mfj 259 gave it a 1.5 to 1 swr. The larsen had a higher swr so we did not use it. he ran a halo with 230 feet of hardline from the house 30 ft up in the air. The surprise for me was the simplex range with 5 watts. In short it is a nice little radio for which they finally produced a real manual. It is extremely complex to program.

457. ICOM IC-2AT info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: thunter@alleg.edu
Message-ID: <40gglo$qmr@mustang.alleg.edu>
Source record: 213925

Hello All.....

I picked up an ICOM IC-2AT at a hamfest last weekend which has a transmit problem. My problem is that I don't have the manual/schematic diagram and the previous owner changed the driver and output transistors with ones with no part numbers on them.

Can anyone tell me what the orginal numbers are for the driver and output transistors on the IC-2AT ? I would also be glad to pay the costs for a copy of the manual / schematic diagram if anyone has one they can copy.

Thanks in advance

Tim

****
* . *
* Tim Hunter ._______|_______. thunter@alleg.edu *
* PP-ASEL \(*)/ EAA & AOPA *
* KA3DBI o/ \o 66' Vette 327 350hp *
* *
****

458. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: hideg.1@nd.edu
Message-ID: <hideg.1-1108952328230001@hideg.cc.nd.edu>
Source record: 213926

In article <mmusick-1108951043480001@198.102.74.50>, mmusick@talx.com
(Mike Musick/N0QBF) wrote:
> Tho't you might be interested in an impartial observation; my only
> personal objection to the ACC controllers is that they are expensive - for
> what they do, to fix, and to upgrade. But, anyway...
>
> Three of our club's (high profile) repeaters rely on RC-85 controllers.
> Over the past several years we've had a series of failures which lead me
> to believe that there is a certain lack of robustness in the design. The
> most problematic areas relate to the audio chain, and particularly the DVR
> (digital voice recorder). The codec chips are especially fragile, and are
> difficult to find from sources other than ACC, who wants a comparative
> King's Ransom for the parts.

<deletia>

Don't knock the controller for problems with the DVR. I've been using an
RC-85 with no DVR for about 6 years without a single problem.

--Steve, N8HSC

-

459. Re: +MLA2500 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: grhosler1@mmm.com
Message-ID: <40fk95$rjn@dawn.mmm.com>
Source record: 213927

The MLA2500 had 10 Meters built in, while the MLA2500B came out after the FCC decided that the
best way to curb the use of Ham amps on the 11 Meter band was to take make the manufacturers
remove the 10 Meter band capability. Ya gotta love the way the government protects us! The MLA2500/2500B was a very good amp that took very little drive to produce lotsa RF. The amps had three weak points that come to mind, noisy fan, poor power supply design, and very expensive tubes!

460. ACC Repeater Controll

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <7947-304591601@humnet.humberc.on.ca>
Source record: 213928

>
> In article <793715592501@humnet.humberc.on.ca>, hduff@humnet.humberc.on.ca
> says...
> >
> >
> >>
> >> In article <3vhtrk$ebb@ixnews2.ix.netcom.com>,
> >> wd6dih@ix.netcom.com (Kevin Karamanos) wrote:
> >> >Calls to Advanced Computer Controls last week confirm that ACC is no
> >> >longer making Amateur Repeater Controllers. But, some limited numbers
> >> >of parts will still be available.
> >> >
> >> >It's sad to see them go away, since they make the best Repeater
> >> >Controllers.
> >> >
> >> >73's Kevin
> >>
> >> Hoo, boy is that flame-bait. I won't get too upset, but suffice it
> >> to say I am glad to see the well-deserved end to the ACC controller.
> >>
> >> Now, maybe some of these smaller companies making controllers will
> >> get the respect they deserve.
> >>
> >>
> >> Owen Adair WD4FSU email: Owen.Adair@turner.com
> >
> >
> >I'd like to hear your negative comments re: ACC controllers.
> >I've used a couple of them and had no problems at all.
> >
> >Hugh Duff VA3TO Toronto
> >
> >I maintain 3 RC-850's, 3 RC-85's an RC-96 and a ACC DVR unit......
>
> the manual on the RC-96 has no component placement diagram making it very
> difficult to locate a defective component....
>
> the RC-85 has an inherent problem related to the cpu restart/por circuit..
>
> the RC-850 has a number of bugs relating to cpu clock noise turning up in
> the wrong places and causing strange problems....
>
> All of their controllers (but the RC-850 in particular) have really
> sucky audio handling, distorting the waveforms that are sent into them...

>
> the way that ACC simply parallels all of the audio in's and out's together
> is poor, requiring either external distribution amps or lots of ground
> loops and hum.....
>
> they really respond well to lightening too.....(even when it's in another
> state) in other words...they are r e a l sensitive to lightening and
> surges....
>
> any more questions ????
>
> P.S. I have two of the Link communications controllers...they e a t the
> ACC controllers in durability, function and audio handling....
>
>
Hmmm...Our club has been running an RC-85 for about 8 years now...
No sensitivity to lightening...It's up about 27 stories with other
components that have taken hits...no problem with the '85.
Never had a problem with restarts after black/brownouts...seems to
recover just fine. I admit that the simple reset circuit is not high tech
in design but we have experienced no such problems with it.
Same goes for the op-amp arrangement in the audio circuitry. I don't see
that the way in which they've paralleled the inputs via op-amps presents
a problem. I will say that the controller does have quite the processed
sound to it though...never any problem with hum...perhaps you have a
ground loop or supply problem !?
Our RC-85 "takes a lickin' and keeps on tickin' ". Sorry to hear about your
hardships with ACC.

Funny that you are stuck on the Link Com. units...we recently installed
one and IT is in fact experiencing restart problems ! I also note
firmware bugs with it albeit minor. It occasionally forgets to courtesy
beep (?). We are running 2 repeaters from it.

Hugh VA3TO Toronto

• NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
Visit our Website at http://humnet.humberc.on.ca/

461. FS: IC-551 FM board !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <7947-304598702@humnet.humberc.on.ca>
Source record: 213929

I have the EX-106 optional FM board for an Icom IC-551 6 meter rig.
I am aware that they are as rare as hens teeth...accepting 'attractive'
offers.

Leave a reply with an offer to: hduff@humnet.humberc.on.ca

• NFX v1.3 [000]

--

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"Tomorrow's communication and learning environment, today"
Visit our Website at http://humnet.humberc.on.ca/

462. 2 Meter + Business VHF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: pmalenfa@kitkat.webo.dg.com
Message-ID: <1995Aug11.173537.25538@us.dg.com>
Source record: 213930

Does anyone know of a 2 Meter portable radio that is capable of
tx/rx on the frequencies used by the business VHF transceivers?
I believe the business ones go from 152-158 MHz.
It seems like they are so close that people who are licensed for
both should be able to find a single unit that can do both.

463. 8874 Eimac Tubes For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: rod@venus.hili.com
Message-ID: <40f3u5$res@vixen.cso.uiuc.edu>
Source record: 213972
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.broadcasting,rec.radio.shortwave,rec.radio.swap

I have a pair of 8874 Eimac Grid Tubes. Brand New in Box.
Sell the pair for $500.00

Call: 201-797-1227
E-Mail: rod@venus.hili.com

Rod
N2RVM

464. Re: Can 2M portables do this?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: Stefan_Nijessen@pi-user.pi.net
Message-ID: <NEWTNews.6974.808126669.Stefano@pi-user.pi.net>
Source record: 213973
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

```
In article <3tk9gh$p18@alpha1.auspex.com>, <award@auspex.com> writes:
> Path:
news.pi.net!news.sara.nl!news.nic.surfnet.nl!howland.reston.ans.net!nntp.crl.co
m!pacbell.com!nntp-hub2.barrnet.net!nntp-sc.barrnet.net!auspex-gw.auspex.com!au
spex.auspex.com!alpha1.auspex.com!alpha1.auspex.com!not-for-mail
> From: award@auspex.com (Andrew Ward)
> Newsgroups: rec.radio.amateur.misc,rec.radio.amateur.equipment
> Subject: Can 2M portables do this?
> Date: 7 Jul 1995 14:38:25 -0700
> Organization: Auspex Systems, Santa Clara
> Lines: 19
> Sender: award@auspex.com
> Message-ID: <3tk9gh$p18@alpha1.auspex.com>
> NNTP-Posting-Host: alpha1.auspex.com
> Xref: news.pi.net rec.radio.amateur.misc:4540
rec.radio.amateur.equipment:2452
>
>
> I need a couple portables (hand-helds) that can operate in the 151-154 Mhz
region.
> This is a commercial band. The problem is that commercial radios seem to be
$400-600
> MORE than 2M units and they operate about the same frequency. I understand
that
> many of the handhelds (Yaesu, ICOM, Kenwood, etc) can RECEIVE out of the 2M
band,
> but not transmit. Can some of these be modified to TRANSMIT (with license, of
course)
> in the 154 Mhz region?
>
>
> What would you advise?
>
> -Andrew
>
> +---------------------------------------------------------------------------+
> | award@auspex.com Play to win and don't accept |
> | 800.767.4535 ext 2066 second best! |
> | in Silicon Valley, CA call 408.986.2066 "Spared no expense!" (Jurassic)|
> | or award@fairhaven.ccmail.compuserve.com |
> +---------------------------------------------------------------------------+
>
As far as I know the TH28E of Kenwood is able to transmit also in the
```

required 154 MHz region. Inside the handheld transceiver one certain diode must be removed for that. In case you like to receive more particulair information, I am pleased to be sof any assistance.

Kind regards,

Stefan

465. Does anybody have an address for ROHN?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: henryvb@aol.com
Message-ID: <40f2pc$j56@newsbf02.news.aol.com>
Source record: 213974

The tower people, that is. If so, please email it to me. don't post here, why waste bandwidth.

thanks

henryvb@aol.com

466. #Dentron DTR-2000L

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: w5robert@blkbox.COM
Message-ID: <9508102056.aa21890@blkbox.COM>
Source record: 213975

anyone recall or know background on the 2000L??
What tubes did it use and rated output? Abt hw much did it weight?
--
73 Robert WB5CRG w5robert@blkbox.com

467. Re: HTX-202 and Customer Service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDD4H2F.L2E@netcom.com>
Source record: 213976

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: Just tell them your last name is Cash, as in US currency. When they
: ask for your address, give them the address of the store. Let *them*
: receive all the junk mail.

Hey, I like this!

On the serious side, though, I don't feel that consumers should have to
become liars, just for the sake of making a purchase.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

468. Repair Shop Recommendations for Drake?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: gatkins@gatkins.seanet.com
Message-ID: <gatkins.14.302AD029@gatkins.seanet.com>
Source record: 213977

Does anyone have any experience with repair shops or individuals on the West Coast who are accomplished with Drake equipment? I'd rather not ship my R-7 all the way back to Ohio from Seattle just to get Drake Hqtrs. to work on it. I've also tried contacting Sherwood Engineering in Denver, but no response from them so far.

Thanks,

Guy Atkins
Fine Tuning Special Publications

469. Re: DPS Recomendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: k0cbh@millcomm.com
Message-ID: <40el8j$p06@news.MillComm.COM>
Source record: 213978

>>I just bought a Timewave DSP-59+ a few days ago, and am very pleased with
>>it. I have had the opportunity to try it out with some rather severe
>>line noise, and it works very well. In one case, it dropped an S-7
>>noise level to virtual inaudibility. I am finding the unit very useful
>>overall, and it is very well made.
>>73,
>>Jeff, KC1MK
>
>I add a hearty 'amen' to this. I bought one in July of last year and
>it has been one of the most valuable items in my shack. I use it on
>everything from my Racal to R-390A to my Drake collection. I built a
>patch panel so I could jumper it in and out to various receivers.
>Plan to add another one soon.
>My only disappointment was the failure to ever receive the upgrade
>chip the company touted earlier in the year..... they dropped the
>ball on that one badly and I do know some who got it but many who did
>not .
>73,
>Frank K0JPJ ex-W5PVX ...-.-
>
Frank,
We can help you out on the Version 3 upgrade chip. It was delayed
several months from the planned delivery date, but we have shipped
thousands since this spring when we started delivering the chip.
Everyone who has ordered an upgrade should have one. If you want to order
an upgrade or check on the status of an upgrade order, call, FAX, mail
e-mail, or walk in with your DSP serial number, model number, and mailing
address and we will get you the necessary information to order the chip
(there are several variations depending upon the model and serial number).
Delivery is about two weeks.
We plan to have the upgrade info on our Web home page in a few weeks -
http://www.timewave.com. We also have a new e-mail address just going
online - dsp@timewave.com (effective by early next week).
Let me know if you have any questions or problems.

73,
Randy Gawtry K0CBH
Timewave

470. Re: *** STOLEN RADIO ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40ek8f$rqo@news.ccit.arizona.edu>
Source record: 213979

XYEW04A@prodigy.com (Brian Bergstrom) writes:
>>CB>And, of course, we ALL should be engraving our states' driver's
>license
>>CB>numbers on visible, exterior panels - as well as hidden inside
>>CB>locations.
>>And, of course, if we do engrave our state drivers license number on
>>visible outside panels, we destroy the "Mint" condition and salability
>>of that unit forever...
>Why would you use a number like a drivers license??!?!?!?!?!
>Your Call is the only one of its kind in the world! I have my call
>permanently engraved in the metal case of my Kenwood TH79A(D).
>I would recommend that people use this number, and with all the access to
>calls, by QRZ and such it would be a fast and easy way to locate the
>owner worldwide.
>Now this only works if someone wants to return it to you anyway.
The reason for engraving a driver's license number is because that's the
one thing the police can trace. Social inSecurity Numbers or amateur
calls are not of much use to the police. Of course, if another amateur
buys the thing, and wants to check its ownership, engraving the call
would work.
Chris, N7RME

471. Re: Can 2M portables do this?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40elc1$akq@news.ccit.arizona.edu>
Source record: 213980

Stefan_Nijessen@pi-user.pi.net writes:
><award@auspex.com> writes:
>> Subject: Can 2M portables do this?
>>I need a couple portables (hand-helds) that can operate in the 151-154 Mhz
>region.
>>This is a commercial band. The problem is that commercial radios seem to be
>$400-600
>>MORE than 2M units and they operate about the same frequency. I understand
>that
>>many of the handhelds (Yaesu, ICOM, Kenwood, etc) can RECEIVE out of the 2M
>band,
>>but not transmit. Can some of these be modified to TRANSMIT (with license, of
>course)
>>in the 154 Mhz region?
>>What would you advise?
>> -Andrew
>As far as I know the TH28E of Kenwood is able to transmit also in the
>required 154 MHz region. Inside the handheld transceiver one certain diode
>must be removed for that. In case you like to receive more particulair
>information, I am pleased to be sof any assistance.
>Kind regards,
>Stefan
I'm not familiar with the radio Stefan mentions, `tho I expect he is
correct. The difficulty is in federal regulations. You can't get a license
to allow the use of amateur equipment outside of the bands for which the
equipment has been approved. In other words, the equipment itself must be
of an approved design (called Type Acceptance) to be used in a given band.
If you use amateur equipment out of band, you are violating the law. Most
of the amateur radios presently being made are capable of being modified to
transmit over a very wide range. Lot's of people make these mods. I'm
not telling you to do it or not do it. Just providing info.
Chris, N7RME

472. Re: Need info on Kenwood TH-79A!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: hippolyte tournier <tournier@iprolink.ch>
Message-ID: <40enqg$lu2@badboy.iprolink.ch>
Source record: 213981

n5zgt@swcp.com (Brian Mileshosky) wrote:

Hi Brian,I understand that the th 79a has been superseded by the th79d,d for de-luxe.
This is a better version of the hand held,correcting several
bugs .

473. +MLA2500 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: w5robert@blkbox.COM
Message-ID: <9508110041.aa08033@blkbox.COM>
Source record: 213982

Anyone tell me the difference inthe MLA2500 & MLA2500B ??
(and if you got 2500B forsale, drop me an email.)
--
73 Robert w5robert@blkbox.com

474. Re: HTX-202 and Customer Service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: johnmxl@ix.netcom.com
Message-ID: <40ejlt$5nq@ixnews7.ix.netcom.com>
Source record: 213983

In <4096o8$tmu@news.ccit.arizona.edu> cweddle@astro.as.arizona.edu (Chris Weddle) writes:
>
>gregl@iglou.com (Greg Law) writes:
>>In article <jlowmanDCyx1A.7tC@netcom.com>, jlowman@netcom.com says...
>>>I usually avoid RS because of their - rumored to be defunct - insistence
>>>on the last four of a customers phone number. Fortunately, the manager
>>>of the store where I got both HTs is a member of our club, and not the
>>>standard idiot.
>>The stores here haven't asked for the phone number in months. They are now
>>asking for your last name. Then it comes up with a big list of folks with that
>>name to wade through to find yours.
>>73 de Greg AMPRNet - ke4dpx@ke4dpx.ampr.org [44.106.56.35]
>The Radio Shacks hereabouts have lately asked for either last 4 digits of my
>phone number or my last name. A reply of "No thank you" has always been
>sufficient for them to drop the question.
>Chris, N7RME

Interesting...

The manager of the store that I shop at knows my name, so he doesn't ask anymore.

This means that either:

a. He has a good memory.
b. He doesn't have a very large customer base.
c. I spend entirely too much time at RS.
d. All of the above.

Oh well...

475. Re: HTX-202 and Customer Service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDD4GyE.Kv4@netcom.com>
Source record: 213984

Dan Brown (danb@acme.csusb.edu) wrote:
[snip]
: However, why is this such a concern? I've seen several people
: who've had a problem with this (which is, I presume, why they've changed
: the system), but I really don't understand why. In my experience (from
: both sides of the counter), the information is optional anyway--if I
: didn't want to give it, that was acceptable. I guess what I don't
: understand is why people object to indexing the database by the last four
: digits of a phone number, but don't mind indexing by last name.

Phone numbers (particularly unlisted ones, as mine has always been) are
personal information. I don't want any "cold calls" at home, and don't have
time to be bothered at the office. If I want information, I initiate the
contact; the opposite is not acceptable.

In most areas, it doesn't take a rocket scientist to make a complete phone
number out of the suffix.

I would prefer that only my name and address were stored. That way, I can
discard any irrelevant material with all the other irrelevant material that
clogs my mailbox daily.

Often, I felt really sorry for the sales staff at RS. It's obvious that
many of them got a lot of flak just for asking for phone numbers.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

476. IC-275H 4SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: lucchesi@ix.netcom.com
Message-ID: <40emja$n5q@ixnews2.ix.netcom.com>
Source record: 213985

Have a IC-275H Great condition would like to sell in ca. or to local
buyer. there are some options if u r interested call 15106360739
or email

asking $975.00

Bryan WB6YGA

477. HS-51 -> TM-733

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: choffman@pinot.callamer.com
Message-ID: <40f0lj$or3@pinot.callamer.com>
Source record: 213986

I have a TM-733 just installed into my (n)used vehicle, with a
MANUAL transmisson. Having tried to make coherant conversation while city
driving, (and being either unsafe or un-readable), I would like to know
of a way to allow the VOX on my HS-51 (Icom) work to my TM-733.

I know that the Icom uses PTT and TX voice together, and Kenwood (allong
with most all other mobiles) use separate PTT and TXaudio.

Can I use the Headset directly, or does anyone know of a kit interface?

Thanks, Chris

dMMMMb dMMMb dMMMMMMMMMMb dMMMMMMMMMMb dMMMMMMMMMMb dMMMMMb
MMMMMM 0MMMP MMMMMMMMMMMM MMMMP""9MMMM MMMMMMMMMMMM dMMMMMMMb
MMMMMM 0MMMP MMMMP""9MMMM MMMM """"" MMMMP""9MMMM dMMMP"9MMMb
MMMMMM0MMMD MMMM MMMM MMMMnnnnnnnn MMMM dMMMP 9MMMb
MMMMMM 0MMMb MMMM MMMM MMMMP""9MMMM MMMM dMMMMb MMMMMmmmMMMMM
MMMMMM 0MMMb MMMMo..oMMMM MMMMo..oMMMM MMMMo..o9MMM MMMMMMMMMMMM
0MMMM0 0MMMb 0MMMMMMMMMM0 0MMMMMMMMMM0 0MMMMMMMMMM0 0MMMP"""9MMM0
CHRISTOPHER R. HOFFMAN, CHOFFMAN@SLONET.ORG, ARES/RACES/VEC/CCCDXC/ETC.

478. Re: Morse Code Program ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <808127231.1969@pinetree.microserve.com>
Source record: 213987

buddy10@aol.com (BUDDY10) wrote:

>Exact file : Numor13.zip
>Should be available on the net. if not write me.

I found this program under the name NM130.ZIP at:

oak.oakland.edu/pub/hamradio/arrl/bbs/vec/

BTW, this looks like an excellent program with a good Windoze interface.
I did notice one problem during a short trial run though. There's an
annoying click on the trailing edge of the elements with the Soundblaster
turned on. Anyone else notice this?

Jack WB3U

479. Re: *** STOLEN RADIO ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <40em4j$jol@cc.iu.net>
Source record: 213988

In <40duea$2dog@usenetp1.news.prodigy.com>, XYEW04A@prodigy.com (Brian Bergstrom) writes:
>Why would you use a number like a drivers license??!?!?!?!?!
>
>Your Call is the only one of its kind in the world! I have my call
>permanently engraved in the metal case of my Kenwood TH79A(D).

because the cops don't know call signs. but they do know driver's licenses.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

480. RESULT: rec.audio.tubes passes 263:24

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: "Terry Bartlett"
Message-ID: <40g8v1$ltn@rodan.UU.NET>
Source record: 213989
Cross-posted to: news.announce.newgroups,news.groups,rec.audio.tech,rec.music.makers.bass,rec.music.makers.guitar,rec.antiques.radio+phono,rec.radio.amateur.equipment,sci.electronics,alt.guitar.amps,rec.audio.opinion

RESULT
unmoderated group rec.audio.tubes passes 263:24

There were 263 yes votes and 24 NO votes, for a total of 287 valid votes.
There were 3 abstains and 21 invalid ballots.

For group passage, YES votes must be at least 2/3 of all valid (YES and NO)
votes. There also must be at least 100 more YES votes than NO votes.

There is a five day discussion period after these results are posted. If no
serious allegations of voting irregularities are raised, the moderator of
news.announce.newgroups will create the group shortly thereafter.

rec.audio.tubes Final Vote Ack

Voted Yes

100342.2751@compuserve.com Mathias Winkler
70620.3630@compuserve.com Anthony Genovese
74467.2253@compuserve.com David N. Barnett
ac829@main.freenet.hamilton.on.ca Andrew Farkas
ads93@aber.ac.uk Adrian D. Shaw
adumas1@ix.netcom.com Andrew Dumas
ae298@ccn.cs.dal.ca Martyn Callow
agrier@reed.edu Aaron J. Grier
ajlevine@husc.harvard.edu
akst@krambo.se Ake Strindlund
aldridged@ccc.govt.nz Dean Aldridge
alexmi@soul.tv.tek.com
alpert@netaxs.com Robert M. Alpert
alumapro@interaccess.com Matthew Honnert
artherd@a.crl.com Ben Cannon
atec15x@email.mot.com John Paul Byrns
awilson@marlin.utmb.edu Alan K. Wilson, M.D.
AXLEROD@UBVM.cc.buffalo.edu Harvey Axlerod
bagnall@iconz.co.nz Zach Bagnall
bbeaton@you.wincom.net Bruce Beaton
beckwith@aristotle.ils.nwu.edu Richard Beckwith
bernards@ECN.NL Marcel A. Bernards
billb@savvy.com Bill Burns
bk281@torfree.net Alok Margolin
blaine518@aol.com Blaine 518
blandp@mcsunx.gs.com Philip Blanda
blukoff@u.washington.edu Benjamin Lukoff

blythe@CS.cmu.edu Jim Blythe
borowski@spk.hp.com Donald Borowski
bpb@cca.rockwell.com bradley baker
BPQH85C@prodigy.com Quentin Johnson
BrianT@computing.emap.co.uk Brian Thomson
brotone@eden.com brotone
Bruce_Miller_at_NPD@pcmail.tellabs.com
BUBBAMIKE@delphi.com Michael Gillman
busenitz@ecn.purdue.edu John Busenitz
bweiner@physics.rutgers.edu Benjamin Weiner
ccrayc@uxmail.ust.hk Raymond MB Chau
cdr@chensys.com Chris Ramey
Chiuj@aol.com John S. Chiu
chrisp@Direct.CA Chris Patterson
chucko@rahul.net Chuck Fry
cigna@helios.phy.ohiou.edu David Cigna
cjl1@midway.uchicago.edu Cal Lott
cjones@armltd.co.uk Clive Jones
ck983@cleveland.Freenet.Edu Robert J. Cardinali
clstampe@mailbox.syr.edu Chris Stamper
CRSM@oroboros.demon.co.uk CHRIS MORRISS
csjf1@cus.cam.ac.uk Chris Fang
dadadata@world.std.com CRAIG O'DONNELL
danh@qnx.com Dan Hildebrand
daniel@netcom.com Sam Daniel
dave@frackit.com Dave Ratcliffe
davi0806@mstr.hgc.edu Dave Davis
davidb@ce.washington.edu David W. Barts
dball@esper.com David Ball
dbialick@earthlink.net David Bialick
denuylb@GVSU.EDU BRIAN DENUYL
dexter@panix.com David A. Dexter McNeil
dgj@world-net.sct.fr Dominique Jouniot
diezx001@maroon.tc.umn.edu Don Diez
djo@spring.ece.jhu.edu Darryl Ong
dlkerl@ingr.com Dan Kerl
dmcintyr@mailhost.ucalgary.ca Deane D McIntyre
doctor!doctor@Sun.COM Dave Shariff Yadallee
Dr.Distortion@bbs.mhv.net D. Stork
drerali@ix.netcom.com David R. Erali
drstrong@teleport.com Darrell Strong
duy@tecnet1.jcte.jcs.mil
DWD@RALVM29.VNET.IBM.COM Dave Davenport
dwo@slip.net David Oliver
eaeg@unity.ncsu.edu Eyal Amiran
ebcerra@ebc.ericsson.se Raquette Eric
ed32@ix.netcom.com EDWARD MARTIN
edwin@henge.com Edwin Hurwitz
efaulkne@wsunix.wsu.edu Edgar Faulkner
ehp@karin.ffa.se Petter Eneroth

eijkhout@math.ucla.edu Victor Eijkhout
emanley@netcom.com EveAnna Manley
enj@SLAC.Stanford.EDU Erik Nyls Jongewaard
etenori@lookout.ecte.uswc.uswest.com Eric Tenorio
exp109@physik.uni-kiel.d400.de Axel Rohde
fguidry@crl.com Fran Guidry
fredh@hpcvusd.cv.hp.com Fred Handloser
Fretts@thewire.com
ftom@netcom.com Tom May
g.dijkstra@student.utwente.nl Gerrit Dijkstra
george.randell@sbenorfolk.org George Randell
GGJaguar@aol.com Greg Gagliano
givan@morel.uoregon.edu Scott Givan
goet8570@mach1.wlu.ca James Goetz u
govindra@caip.rutgers.edu S. Govindarajan
grego@lscpdx.lattice.com Grego Sanguinetti
groverg@netcom.com george gardner
gt0670e@prism.gatech.edu Brennan Tennesen Price
heilmayr@math.berkeley.edu Stephan Heilmayr
hermit@cats.ucsc.edu
hfmus005@huey.csun.edu guy fabre
Howard@korg.demon.co.uk Howard Roberts
howardgt@ix.netcom.com Howard Gutenplan
hudakjm@mcmaster.ca John Hudak
idkwid@smart.net Arthur Sackman
im@hydra.carleton.ca Ian McEachern VE3PFH
j.albano@ix.netcom.com Jim Albano
j.h.vandeweyer@student.utwente.nl J.H. van de Weijer
J.Sawers@uts.edu.au James Sawers
jb@desoto.wxe.sk.doe.ca John Botari
jbutton@medstat.med.miami.edu Jackie Button
jeh@cmkrnl.com Jamie Hanrahan
jerrycork@aol.com JERRYCORK
jet@abulafia.genmagic.com J. Eric Townsend
jfreitag@gsosun1.gso.uri.edu John S. Freitag
jimr@tamri.com James V. Reveaux
jmartin@hrlban1.aircrew.asu.edu John Martin
jms@uic.edu John Schulien
jmstrang@mtu.edu Jeffrey M. Strang
joel@nauticom.net Joel Cumberland
john@clearspring.com John Opalko
John@fireship.demon.co.uk John Cooper
john@hibp7.ecse.rpi.edu John G. Schatz, Jr.
jonboy@io.org Trevor Tymchuk
jpgs@gte.com James Sterbenz
jtucker@ICSI.Net John Tucker
Justin.Foley@mail.trincoll.edu Justin Foley
jwgree@most.magec.com Jim Green
jyoung@usa.nai.net Jim Young
kellycom@bu.edu John Kelly

kerbys@Onramp.NET Kerby Stewart
KevinC927@aol.com
kfleisch@utdallas.edu Karl H Fleischmann
kimmel@cortex.tte.vtt.fi Jyrki Kimmel
king_lewis@jpmorgan.com Lewis King
KJM@mfs1.ballarat.edu.au Kevin Moore
kmccoy@dna.metronet.com Kevin McCoy
knaack@wsu.edu Charles M. Knaack
kpl@elisir.helsinki.fi Kai Lassfolk
kroger@PSYCH.UCLA.EDU Jim Kroger
krs5@psu.edu Kenneth Schroyer
ktstrain@crl.com Kurt Strain
lawson@amcu-tx.sps.mot.com Shannon Lawson
leung@iohk.com Wai Kei Leung
lintilla@fielding.demon.co.uk Phil Purle
list-votes@dream.hb.north.de Martin Schr"oder
lldavis@facility.cs.utah.edu Leo Davis
loisq@mindseye.berkeley.edu Lois Quick
M.J.M.Heijligers@ele.tue.nl Marc Heijligers
Mark.Brauer@den.mmc.com Mark Brauer
matsn@nada.kth.se Mats N\dslund
mbale@spyglass.com Mike Bale
mcguire@world.std.com Monte McGuire
mdulcey@pryder.pn.com Mark J. Dulcey
metzemakers@labri.u-bordeaux.fr Timo Metzemakers
mgarvin@panix.com Mark Garvin, (mgarvin@panix.com)
mgkepner@facstaff.wisc.edu Jim Adney
mgoldstn@capcon.net Michael Goldstein
MHRickard@aol.com Maurice Rickard
mic@uts.cc.utexas.edu Mic Kaczmarczik
michael_kent@mindlink.bc.ca Michael Kent
MIKEB@novell.ur.utk.edu michale k. bradley
mikedocy@netcom.com Michael Docy
mikem@hpvidjt.vid.hp.com Mike Manlove
milstone@ix.netcom.com Kenneth Miller
MIZURR@uf2096p01.Bethlehempa.ncr.com Mizur, Rick
mjsilva@ix.netcom.com michael silva
mleslie@iquest.net Mark Leslie
modom@merlin.etsu.edu Michael Odom
monty@camtwh.eric.on.ca
moskowit@panix.com Len Moskowitz
mrndlmn@access.digex.net Martin Needleman
mungo_beeston@uk.ibm.com Mungo Beeston
mwseniff@rs6000.cmp.ilstu.edu Matt Seniff
mxa@pa.dec.com $SIGNATURE
myvanq@minerva.robadome.com MyVan Quoc
nbonstein@mail.vtx.ch Nicolas Bonstein
NiarB@aol.com
ntracy@amoco.com Norman P. Tracy
nx7u@primenet.com Scott Townley

oheare@bnr.ca David O'Heare
orc@pell.com Orc
oreilly@hpcvn2wo.cv.hp.com Jim O'Reilly
o_la_a@ix.netcom.com Brandon Arnold
Pat@island.net PaT Morford pat@island.net
patphoto@io.org Andrew Patrick
PAULBOURBIN@delphi.com
PCHILDS@PO1.GI.COM Childs, Philip (SD-MS)
peppenge@badlands.NoDak.edu billy the kid
peterv@ica.philips.nl Peter van Vegchel
planne@ix.netcom.com Renee Conte
pnreus@ax.apc.org Paulo Nestor Reus
poneill@iaccess.com.au Peter O'Neill
post@ouvaxa.cats.ohiou.edu Richard Post
pstamler@crl.com Paul J. Stamler
rabbitt@ccnet.com Raymond E. Abbitt
ralphmcd@freenet.vancouver.bc.ca Ralph McDiarmid
ramsey@ro.com Dale Ramsey
Randyc3@aol.com Randy Cook
rappleye@felix.Kodak.COM Paul Rappleye
rconner@infi.net Richard C. (Rick) Conner
reid@tti.com Reid Kneeland
ren@iastate.edu John Wood
rexluv@aol.com RexLuv
reynolds@ich.uct.ac.za Louis Reynolds
riem@inforamp.net Justin Riem
rim_0004@frank.mtsu.edu Tim Rye (rim_0004@frank.mtsu.edu)
Risehigh@aol.com Bill Moore
rmatthews@novell.com Robert Matthews
robie@umbc.edu Bill Robie
rohre@arlut.utexas.edu rohre
rolfe@ldp.com Rolfe Tessem
roman@vista.odessa.ua roman@paco.odessa.ua
ronny_merkel@BIX.com
roy_h@ix.netcom.com Roy Hendrickson
rshapiro@BBN.COM R Shapiro
rtg@ee.duke.edu Rhett T. George
rthit@netboss.dn.itg.telecom.com.au Richard Thit
s2806781@technion.ac.il Caspi Oded
schnitt@access.digex.net Alan Schnittman
schoo@fnal.gov Daniel Schoo
scott.holderman@support.com
SCOTTPAUL@aol.com Scott Robinson
scowell@aoc.nrao.edu Steve Cowell
sean.kerns@sdrc.com Mr. Snakey
shonsber@acs.ryerson.ca Steve Honsberger
sjones@pop.btg.com Steve Jones
skershaw@alsvid.scu.edu.au Shane Kershaw
SKIPPERM@MTC.MID.TEC.SC.US
smonroe@hp7001.ecae.StorTek.COM Steve_Monroe@stortek.com

steffers@alpha.wcoil.com Jim Schwartz
stephen.delft@welcom.gen.nz Stephen Delft
steveo@well.com Steve O'Neill
stokes@emb00.larc.nasa.gov Sheldon D. Stokes
str8fce@nmaa.org Jacques Brierre
suh@ai.kaist.ac.kr Jangwon Suh
takenaka@inx.net Kunihiko Takenaka
tarkus1@ix.netcom.com Paul J Van Arsdall
tboy@aros.net Steven A. Morrison
tccn@tccn.com Coralie Allen
tech@kefaudio.demon.co.uk Tim O'Malley (csd@kefaudio.demon.co.uk)
telenet!rootbeer!dmontuor@uunet.uu.net Dave Montuori
teza@cs.pitt.edu Jim Teza
thogard@soulcage.inmind.com Tim Hogard
thomasg@maroon.tc.umn.edu Thomas Gasser
tjr2g@maxwell.acc.virginia.edu Timothy J. Richter
tmiller@umabnet.ab.umd.edu Tom Miller
tommy@mcs.com Tom Ribaudo
tootill@telebase.com Ed Tootill
traff@interport.net Andy Trafford AKA VinylJunki
Tremolux@aol.com
trmartin@ix.netcom.com Thomas Martin
tubegod@cml.com Andy Moss
turnerde@ccnet.com Donald E. Turner
uschanov@cc.joensuu.fi T P Uschanov
USER_64@novedvz.tu-graz.ac.at Ammar Aganovic
uublip!outlander!ke6isf@ccss.com Dennis Allen Carr
vancleef@netcom.com Hank van Cleef
verch@cedar.buffalo.edu Jason Verch
w2jc@ritz.mordor.com Jim Cooper
waldron@wrc.xerox.com Brian Waldron
WaldvogelJ@ricks.edu Jeff Waldvogel
wloka@adtaz.sps.mot.com Markus G. Wloka
wyatt@moa.com Steve Kenshalo
X92BALLAST@wmich.edu Kevin Ballast
zholtz@freenet.vancouver.bc.ca Zenon Holtz

Voted No
---
al@qiclab.scn.rain.com Alan Peterman
chris_gill@uk.ibm.com Chris Gill
Chris_Marble@hmc.edu Chris Marble
ckalin@earth.execpc.com Chris A. Kalin
ckk@uchicago.edu Chris Koenigsberg
draziw@netcom.com Ryan
helge@norway.bbs.no Helge Haugland
hitech@primenet.com Barett McGavock
iain@anderton.demon.co.uk Iain Pybus
jcmurphy@smurfland.cit.buffalo.edu Jeff Murphy
jde1@ix.netcom.com Jerry Ennis

khan@JTP.CS.NYU.EDU Hasnain Khan
lance@rahul.net Lance K. Chun
lon@sweng.stortek.com Lon Jones
Ollivier.Robert@hsc.fr.net Ollivier Robert
ornitz@emn.com Ornitz_Barry
patl@lcs.mit.edu Patrick J. LoPresti
price@jove.acs.unt.edu Price Charles
RA3035@email.sps.mot.com Port'o'Chael
rick@bcm.tmc.edu Richard H. Miller
rle@traveller.com RObert L. Edwards
smarry@turing.toronto.edu Smarasderagd
stainles@bga.com Dwight Brown
weissman@netcom.com Bob Weissman

Abstained
---
adair@scr.siemens.com Jonathan Adair
mmt@RedBrick.COM M Mike Taksar KC6ZPS
widenius@cc.helsinki.fi Risto Widenius

Votes in error

73531.3370@compuserve.com Douglas King
! No vote statement in message
artg@weitek1.com art gin
! Conflicting votes
audio@iohk.com Audiotronics Co.
! Conflicting votes
bfer@ftp.lle.rochester.edu Byra Ferkovich
! No vote statement in message
byra@eel.ufl.edu Byra Ferkovich
! Conflicting votes
csaamw@urc.tue.nl Michiel Wijers
! No vote statement in message
curciojj@ttown.apci.com Joseph J. Curcio
! No vote statement in message
k.r.jensen@ntl.uio.no Kaj Jensen
! Conflicting votes
kevdeal@ix.netcom.com Kevin Deal
! Conflicting votes
mamundso@ATK.COM Mark Amundson
! Conflicting votes
marcusy@iccu6.ipswichcity.qld.gov.au Marcus Young
! Conflicting votes
martina@ghoul.bri.hp.com Martin Ackroyd
! Conflicting votes
Mitch_R._Schwab@kfn.bbs.net Mitch R. Schwab
! No vote statement in message
pi@ISI.EDU
! Conflicting votes
rs711@infi.net Richard Schwartz

! Conflicting votes
screamer@li.net sjc
! No vote statement in message
sochin@relay4.jaring.my Chin Siew Onn
! No vote statement in message
tale@ten.uu.net David C Lawrence
! No vote statement in message
tonyz@hprrc723.rose.hp.com Tony Zugec
! Conflicting votes
tsmith@wcupa.edu Smith, Thomas E.
! No vote statement in message
UGardner@aol.com
! No vote statement in message

481. WTB: Lapel Mic for Motorola HT600

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: davidf@alumni.EECS.Berkeley.EDU
Message-ID: <40gjon$826@alumni.EECS.Berkeley.EDU>
Source record: 213990
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I'm looking for a lapel mic to use at work with an old HT600... We've migrated to GE radios for work, but occasionally my unit goes down and I have to revert back to the Motorola and want a lapel mic to work with it. Doesn't have to look great, just has to work.

I'm in Southern California, but will be in Northern California quite a bit over the next month... Prefer something I could pick up, but I'll talk shipping if you've got the right price.

Thanks,

Dave Friedman
California State University Police
California State Polytechnic University, Pomona
davidf@alumni.eecs.berkeley.edu

482. Re: Can 2M portables do this?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: jholly@cup.hp.com
Message-ID: <DD5uL3.Fn0@cup.hp.com>
Source record: 213991
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Stefan_Nijessen@pi-user.pi.net wrote:

: In article <3tk9gh$p18@alpha1.auspex.com>, <award@auspex.com> writes:
: > Path:
: news.pi.net!news.sara.nl!news.nic.surfnet.nl!howland.reston.ans.net!nntp.crl.co
: m!pacbell.com!nntp-hub2.barrnet.net!nntp-sc.barrnet.net!auspex-gw.auspex.com!au
: spex.auspex.com!alpha1.auspex.com!alpha1.auspex.com!not-for-mail
: > From: award@auspex.com (Andrew Ward)
: > Newsgroups: rec.radio.amateur.misc,rec.radio.amateur.equipment
: > Subject: Can 2M portables do this?
: > Date: 7 Jul 1995 14:38:25 -0700
: > Organization: Auspex Systems, Santa Clara
: > Lines: 19
: > Sender: award@auspex.com
: > Message-ID: <3tk9gh$p18@alpha1.auspex.com>
: > NNTP-Posting-Host: alpha1.auspex.com
: > Xref: news.pi.net rec.radio.amateur.misc:4540
: rec.radio.amateur.equipment:2452
: >
: >
: > I need a couple portables (hand-helds) that can operate in the 151-154 Mhz
: region.
: > This is a commercial band. The problem is that commercial radios seem to be
: $400-600
: > MORE than 2M units and they operate about the same frequency. I understand
: that
: > many of the handhelds (Yaesu, ICOM, Kenwood, etc) can RECEIVE out of the 2M
: band,
: > but not transmit. Can some of these be modified to TRANSMIT (with license, of
: course)
: > in the 154 Mhz region?
: >
: >
: > What would you advise?
: >
: > -Andrew
: >
: > +---+
: > | award@auspex.com Play to win and don't accept |
: > | 800.767.4535 ext 2066 second best! |
: > | in Silicon Valley, CA call 408.986.2066 "Spared no expense!" (Jurassic)|
: > | or award@fairhaven.ccmail.compuserve.com |
: > +---+

: >
: As far as I know the TH28E of Kenwood is able to transmit also in the
: required 154 MHz region. Inside the handheld transceiver one certain diode
: must be removed for that. In case you like to receive more particulair
: information, I am pleased to be sof any assistance.

: Kind regards,

: Stefan

Nice try. The amateur radio equipment is NOT type accepted for use
in the commercial bands. For use in the commercial bands, the radios
MUST be type accepted. Guess your stuck with the higher priced spread

Jim, WA6SDM
jholly@cup.hp.com

483. Re: Can 2M portables do this?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: jmusto@neca.com
Message-ID: <40gl5o$qto@taurus.neca.com>
Source record: 213992
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Stefan_Nijessen@pi-user.pi.net wrote:

>> This is a commercial band. The problem is that commercial radios seem to be
>$400-600
>> MORE than 2M units and they operate about the same frequency. I understand
>that
>> many of the handhelds (Yaesu, ICOM, Kenwood, etc) can RECEIVE out of the 2M
>band,
>> but not transmit. Can some of these be modified to TRANSMIT (with license, of
>course)
>> in the 154 Mhz region?

>As far as I know the TH28E of Kenwood is able to transmit also in the
>required 154 MHz region. Inside the handheld transceiver one certain diode
>must be removed for that. In case you like to receive more particulair
>information, I am pleased to be sof any assistance.

Most 2M rigs can be modified for the band you mentioned and will work
fine. Be aware though that these radios are not FCC type accepted for
that service and are illegal to use on it.

484. Re: Help! Need schematics for FM Transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <40fhvl$3rp@yrkpa.kias.com>
Source record: 213993
Cross-posted to: sci.electronics,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Victor C. Limary (vcl@mickey.cc.utexas.edu) wrote:
: Hi. I was wondering if anyone had schematics for a small FM transmitter.
: I need to design a wireless FM microphone for a school project. It needs to
: be capable to transmitting to at least 20 feet away, to an ordinary FM
: receiver. E-mails would be appreciated, but I will check the newsgroups.

: Victor Limary |The University of Texas at Austin
. . . . . .
Do you want to design it or build it. Seems that if we send you the
schematics, there's not a lot left to design :)

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

485. Re: #Dentron DTR-2000L

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: jdw@apian.att.com
Message-ID: <DD5C2n.8xM@nntpa.cb.att.com>
Source record: 213994

In article <9508102056.aa21890@blkbox.com>, Robert <w5robert@blkbox.COM> wrote:
>anyone recall or know background on the 2000L??
>What tubes did it use and rated output? Abt hw much did it weight?
>--
>73 Robert WB5CRG w5robert@blkbox.com

I am also interested in this question and in the general question of what tubes are used in other HF amps. Has anyone compiled a table or list of tubes used? I'm in the market for a used HF amp, but I know that some of the ones I see at Hamfests are "cheap" because the tubes they use are worth more than the rest of the amp! I know that the commercial tube vendors must have such a list since when someone calls and says "I have a Belchfire 9000 that needs tubes" they can respond with "Oh, you need 4 of the Megwatt VB3's, we have 'em in stock!"

If any HF amp owners care to respond, I'll compile a list and post it for others.

Thanks + 73
John - KF2XZ

486. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: rodell@netcom.com
Message-ID: <rodellDD5DD8.K4u@netcom.com>
Source record: 213995

Owen Adair (Owen.Adair@turner.com) wrote:

: I'll bet you'd love a 'reliable' TRS-80 Model 1 as well, wouldn't you?
: It uses a 'proven' microprocessor and stores data on that bastion of reliability,
: the cassette deck.

If it satisfied the requirements, was validated for usage, and saved the
patient, you bet I would.
--
_/
_/_/ Robert W. Odell (WA2WLH) Voice: (801) 536-4795 _/_/
_/_/ Salt Lake City, Utah,U.S.A. CP-ASEL, AMEL _/_/
_/

487. Trouble Contacting MA/COMM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: s9231498@cs.sun.ac.za
Message-ID: <40folu$94m@itu1.sun.ac.za>
Source record: 213996

Hi!

I am having trouble contacting The MA/COMM company. Does anybody know if they have a WWW page? I am looking for more information regarding their electronically tuneable "Gunnplexer" (as they call them) Gunn transceivers. It's for a 10Mbps wireless data link that I am busy constructing...

Thanks.

488. Re: Ham-Radio-Outlet (HRO) FAX???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: jer@fc.hp.com
Message-ID: <40ftbn$ol0@tadpole.fc.hp.com>
Source record: 213997

> *)Does someone of the you, gang, has a FAX number of one of the stores of
> *)Ham Radio Outlet (HRO)???

Ham Radio Outlet (HRO)
8400 E Iliff Ave #9 (1/2 W of Parker on Iliff)
Denver, CO 80231
303 745-7373 OFFICE M-S 10-5:30pm
303 745-7394 FAX
800 444-9476 NAT'L WATTS
George Diletto, KD0RW, Ruth Diletto, WB0OPV Hours M-F 8:30-5:30, Sat 8:30-1
HAM SHACK

--
Jer/ (Slash) Eberhard, jer@fc.hp.com, 970 229-2861 OFFICE, 970 229-3598 FAX
Hewlett-Packard, 3404 East Harmony Rd MS-E8, Ft Collins, CO 80525-9599
C-182 N182H, CFII Airplane & Glider, FAA Denver FSDO Aviation Safety Counselor
CO-CAP Group 2 Cmdr, MSN CheckPilot, PP218 HAM N0FZD, 29 Young Eagles Flown!

489. Can 2M portables do this?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: jangus@skyld.grendel.com
Message-ID: <808152040snx@skyld.grendel.com>
Source record: 213998

In article <NEWTNews.6974.808126669.Stefano@pi-user.pi.net> Stefan_Nijessen@pi-user.pi.net writes:

> > From: award@auspex.com (Andrew Ward)
> > I need a couple portables (hand-helds) that can operate in the 151-154
> > Mhz region.
> > This is a commercial band. The problem is that commercial radios seem to
> > be $400-600 MORE than 2M units and they operate about the same frequency.

> As far as I know the TH28E of Kenwood is able to transmit also in the
> required 154 MHz region. Inside the handheld transceiver one certain diode
> must be removed for that. In case you like to receive more particulair
> information, I am pleased to be sof any assistance.

Unfortunately, you are NOT able to provide the type acceptance that is required to OPERATE the radio in the frequency range.

Type acceptance for the radios is required to ooperate them in the non-amateur portions of the bands. Part of type acceptance is that the radios are not user programable. (Typically why commercial radios were crytsal controlled or required programming sets).

Operating non-type accepted equipment is not worth the cost savings when compaired with the fines and confisication possiblities.

;--
; "Ideas are more powerful than guns. We would not let our enemies have
; guns, why should we let them have ideas." -- Joseph Stalin
;
; Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
; US Mail: PO Box 4425 Carson, CA 90749 Phone: 1 (310) 324-6080

490. Re: *** STOLEN RADIO ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: Charlie Panek <charlier>
Message-ID: <DD5oLH.4C3@hpcvsnz.cv.hp.com>
Source record: 213999

XYEW04A@prodigy.com (Brian Bergstrom) wrote:
>>CB>And, of course, we ALL should be engraving our states' driver's
>license
>>CB>numbers on visible, exterior panels - as well as hidden inside
>>CB>locations.
>>
>>And, of course, if we do engrave our state drivers license number on
>>visible outside panels, we destroy the "Mint" condition and salability
>>of that unit forever...
>
>Why would you use a number like a drivers license??!?!?!?!?!
>
>Your Call is the only one of its kind in the world! I have my call
>permanently engraved in the metal case of my Kenwood TH79A(D).
>
>I would recommend that people use this number, and with all the access to
>calls, by QRZ and such it would be a fast and easy way to locate the
>owner worldwide.
>
How many Police departments have a QRZ CD-ROM? The reason for
using your driver's license number is that police can easily trace
it if your property is recovered by them. This is also the reason
that Social Security numbers are not preferred, Police don't
have easy access to a SSN database. I'm not saying that you
shouldn't put your call on your equipment. If it should show up
at a hamfest, someone would identify it there. Just use it in
addition to your driver's license number..

73,
Charlie

Charlie Panek KX7L Hewlett Packard Company
charlier@lsid.hp.com Lake Stevens Instrument Division
Everett, Washington

491. Engraving Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: lthfbjk@northstar.k12.ak.US
Message-ID: <v02110102ac5158f21a6e@[198.104.162.33]>
Source record: 214000

>Why would you use a number like a drivers license??!?!?!?!?!
>
>Your Call is the only one of its kind in the world! I have my call
>permanently engraved in the metal case of my Kenwood TH79A(D).
>
>I would recommend that people use this number, and with all the access to
>calls, by QRZ and such it would be a fast and easy way to locate the
>owner worldwide.

The people most likely to find a stolen radio would be police, or possibly another ham. Hard to say which. Another ham could trace down a call, but the police would be clueless. On all my tools I have my driver license number, as recommended by police. They can trace that quickly and easily. I don't have anything on my ham equipment, but I'd be prone to putting BOTH on if I put one on. If you are going to engrave one number, you might as well engrave both. Then either the police or another ham can find you if you gear is stolen.

492. Re: Is 30 watts too much for a homemade Jpole?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug11.140303.7197@ke4zv.atl.ga.us>
Source record: 214001

In article <Pine.A32.3.91.950810135634.21140B-100000@storm.atms.purdue.edu> BRETSKI <bap@storm.atms.purdue.edu> writes:
>
>I made a Jpole out of ladder line as per article I have (I think
>from QST). It works well on my 5 watt 2 meter HT but I now have
>a 30 watt AMP. The booklet says that it requires a high ouput antenna.
>My DISCONE is ok since it can do 200 watts. Would this AMP destroy
>my Jpole or somethimg else?

Transmitting ladder line is supposed to be able to handle a kilowatt,
I doubt you can harm it with 30 watts. However, if the VSWR of the
J-pole isn't good, you could toast the amp. Check the VSWR if you
haven't already. Don't depend on article dimensions to give a good
match. Your HT is designed to work into bad loads, just look at the
rubber dummy loads they come with, but the amp is likely to be more
particular.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

493. RE: YAESU FT-900AT - Want Opinions, please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: Boetcher@msn.com
Message-ID: <00001fed+00001034@msn.com>
Source record: 213802

Hello,
I have been using the Ft-900/AT for the last couple months. I have
ben very please with its performance. Before buying theFT-900/AT I
was using the FT-890/AT another great radio. I would recomend both
radios for mobile operations.
73 Marv

494. R-600 / R-1000 WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: fodor@freenet3.scri.fsu.edu
Message-ID: <40j037$i8p@freenet3.scri.fsu.edu>
Source record: 213803

```
wanted R-600 or R-1000.
must be mint.
e-mail: fodor@freenet.tlh.fl.us
--
ANDRE FODOR - fodor@freenet.tlh.fl.us
```

495. NEW PRODUCT ANNOUNCEMENT: CWAVE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: pika@eskimo.com
Message-ID: <DD6sJo.2Cz@eskimo.com>
Source record: 213931
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

Cwave is a utility for Windows. If you have a shortwave radio and a Windows compatible sound card, Cwave will convert Morse Code into readable text, in real-time. No TNC or de-modulator is required.

Precise sampling and filtering of the incoming signal is provided, and the converted text is presented in a convenient text editor.

Cwave is shareware, and is available for file transfer at:
ftp.eskimo.com/u/p/pika/cwave

Thank you.

-Pika Software

496. Re: *** STOLEN RADIO ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Aug12.082958.938@grian.cps.altadena.ca.us>
Source record: 213932

XYEW04A@prodigy.com (Brian Bergstrom) writes:

>>CB>And, of course, we ALL should be engraving our states' driver's
>license
>>CB>numbers on visible, exterior panels - as well as hidden inside
>>CB>locations.
>>
>>And, of course, if we do engrave our state drivers license number on
>>visible outside panels, we destroy the "Mint" condition and salability
>>of that unit forever...

>Why would you use a number like a drivers license??!?!?!?!?!

>Your Call is the only one of its kind in the world! I have my call
>permanently engraved in the metal case of my Kenwood TH79A(D).

>I would recommend that people use this number, and with all the access to
>calls, by QRZ and such it would be a fast and easy way to locate the
>owner worldwide.

>Now this only works if someone wants to return it to you anyway.

Fine. Let me give you a probable scenario:

You go to a restaurnay with your wife/girlfriend. Your car is broken
into and the mobile rig is stolen. The cops stop a guy across town an
hour later, and they find a half dozen CBs, car stereos and your mobile.
These cops run any serial number they can find, and the DL that was
engraved on a CB. One comes back hot, so they can now arrest the perp
for possesion of stolen property.

Frankly, I have yet to see a cop that even knows what a callsign is,
except as a funny sequence he sees on some license plates.

The local club had a cop in to give a talk on how NCIC worked, how
stolen property reports were processed, and how to maximize the chances
of getting your stuff back. I am sure that any agency would be happy
to do a simiar talk for a local club.

One tip from the talk: The computer does a hit on an _exact_ match.
If the number can be modified in any way it will prevent a hit, at which
point the cop assumes it's a cold radio. When you engrave your DL
number, DO NOT do it like this: CA DL X9999999. The perpetrator
can add a digit to the end. Yes, CA cops know what CA DL numbers
look like, but it's easy to take a load of hot stuff to Nevada
or Arizona and sell it at a swap meet there.

SO engrave the radio like this: CA-X999999-DL. Makes it a little harder to change the number.

Just make sure that when you sell the engraved radio you give the new owner a nice clear bill of sale, including mention of the engraving.

--

497. Re: HF rig control software; esp for FT-840

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: drranu@holly.ACNS.ColoState.EDU
Message-ID: <40guk6$3bro@yuma.ACNS.ColoState.EDU>
Source record: 213933
Cross-posted to: rec.radio.amateur.equipment,

Brian D. Sarka (32DKUZ3@cmuvm.csv.cmich.edu) wrote:
: I would be interested in recieving comments on computer software control of rad
: ios. Please reply via e-mail
: What have you used that works for you?

I have written a console menu driven program to control the
Yaesu FT-890 in Linux. If you have this OS running, I think
it may work with the 840 (the 840 replaced the 890). Let
me know if you do, and I will send you my program via email.

--
-Emarit 73's drranu@holly.ColoState.EDU

KG0CQ _·_ __· _____ _·_· __·_

Packet: KG0CQ@KF0UW.#NECO.USA.NOAM

498. Opinions of TS-850 requested

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: Joe Pfeuffer <KW1K@on-ramp.ior.com>
Message-ID: <40h1ni$75f@express.ior.com>
Source record: 213934

Hi:

I'm thinking of moving from a 930S to an 850S to permit easier portable operation (12v). I plan on "moving" my filters (CW types).

Any opinions, experiences, comments would be appreciated.

Tnx & 73

Joe - KW1K

didididdahdidah

499. Re: FT-840 vs IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: davidst1@aol.com
Message-ID: <40hbbi$9ss@newsbf02.news.aol.com>
Source record: 213935

I'll add my vote for the IC-735. I've used mine for years and it's been
excellent. Change the solid wire from the antenna connector to
the circuit board to stranded to avoid a common bug. It's easy.

Dave Stinson AB5S/7
72227.1640@compuserve.com

500. boat anchors??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: w5robert@blkbox.COM
Message-ID: <9508111936.aa29768@blkbox.COM>
Source record: 213936

```
Is there a mail reflector for OLD equipment, etc ???
--
73 Robert WB5CRG w5robert@blkbox.com
```

501. Re: ICOM IC-2AT info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <40hmf2$can@ixnews6.ix.netcom.com>
Source record: 213937

Hi Tim.

I would suggest that you might be better off to just send the radio to Icom service and let them repair it. They recently repaired my W21AT at reasonable cost. Just locating the parts could be a formidable problem.

Jim WB6LWS in Pacifica, CA

The service department number is (206) 454-7619. They also have an email address but I don't have it available at the moment. If you need that, email me.

502. Re: Where get batteries for H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40hko4$al8@news.ccit.arizona.edu>
Source record: 213938

clint.bradford@woodybbs.com (Clint Bradford) writes:
>Subject: Where get batteries for HTX-202
>>>Does anyone make aftermarket batteries for HTX-202's?
>Look for ICOM CM-8 / BP-8 replacements!
>Clint Bradford
There's a number of after-market battery suppliers out there. Here's
contact info on two that I've dealt with:

Periphex, Inc., 115-1B Hurley Rd., Oxford, CT 06478, 800-634-8132,
203-264-3985, 203-262-6943 Fax

W&W Associates, 800 S. Broadway, Hicksville, NY 11801-5017, 800-221-0732,
516-942-0011, 516-942-1911 Fax

Both outfits make batteries for the 202/404, as well as a long list of
other radios. I've been pleased with what I've bought so far.
Chris, N7RME

503. Looking for Highband w/2meter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: GodlyOne@ix.netcom.com
Message-ID: <40i2il$1l9@ixnews2.ix.netcom.com>
Source record: 213939

If anyone knows of the model and company name that makes a high band w/2meter or has a used one for sale please e-mail.

504. Re: ACC Repeater Controllers Closes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <40i6sl$fdg@cc.iu.net>
Source record: 213940

In <hideg.1-1108952328230001@hideg.cc.nd.edu>, hideg.1@nd.edu (Steve Hideg) writes:
>Don't knock the controller for problems with the DVR. I've been using an
>RC-85 with no DVR for about 6 years without a single problem.
>
>--Steve, N8HSC

sample size of 1 problem here....between cost and fragileness, it appears that
the market has spoken if ACC has decided to get out of the amateur biz...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

505. Re: 3-500Z Open Filament Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DD7B4q.4nz@eskimo.com>
Source record: 213941

In article <407ora$mho@dawn.mmm.com>, grhosler1@mmm.com says...
>
>I have a TL-922 with a pair of 3-500Z's that has performed well over the
years however
>I had a problem this weekend that perhaps someone can shed some light on.
When I fired
>up the amp and tuned it up I realized that there was very little output.
After some
>time spent checking out the expected faults I finally found that pin one
(filament)
>on one of the 3-500's had lost some of its solder. I resoldered it and am
back in
>business (although not sure if the problem will rear its ugly head again).
I would
>guess that the problem was caused by inadequate filament pin cooling (air
flow), but
>would like to hear from others that have had similiar problems. I spend
most of my
>time on CW so would think that the duty cycle shouldn't be a problem.
Besides that
>the TL-922 has a delay built into it to maintain the cooling fan for a
period of time
>after the amp has been turned off. Would appreciate any input regarding
the root
>cause and possible fixes. 73's & GUD DX
>>
Hope I'm not restating the obvious here, but a couple of observations:

The Eimac manual for the 3-500Z states that the maximum permissible
temperature for the glass-to-metal seals is 200 degrees C. Since ordinary
solder (63/37 alloy) melts at 183 degrees C, if the tube is getting hot
enough to melt solder a fraction of an inch away, you may well be exceeding
the 200 C limit. I would suggest obtaining some temperature indicators such
as stick-on dots and checking the tube temperature under operating
conditions. If you're not exceeding 200 C, then most likely the original
problem was a poor, high-resistance solder joint which overheated due to
I-squared-R loss. If your repair was done properly, end of problem.

73, Bill W7LZP
wrt@eskimo.com

506. Re: +MLA2500 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: jackwy@clark.net
Message-ID: <40ihqn$6a6@clarknet.clark.net>
Source record: 213942

In article <9508110041.aa08033@blkbox.COM>, w5robert@blkbox.COM says...
>
>Anyone tell me the difference inthe MLA2500 & MLA2500B ??
>(and if you got 2500B forsale, drop me an email.)
>--
>73 Robert w5robert@blkbox.com

I beleive that the only difference is that the A had 10 meters on
it and the B didn't (it came out to me the FCC regs against amps that
could be used by CBers). I could be wrong but that's what I recall.

Jack

507. need info;hf digital voice

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: fiscon@ix.netcom.com
Message-ID: <40iq2m$a52@ixnews2.ix.netcom.com>
Source record: 213943

I'm interested in HF digital voice comunications. Does anyone know of a good reference or have any experienc in this area?

Thanks in advance.
David Panek KE4MLV

508. Recommendation on 220 HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDD7L6u.K0A@netcom.com>
Source record: 213944

I need to pick up a 220 HT before Labor Day. I am considering either the Icom 03AT or 3SAT at the moment. Can someone comment on either of these HTs, or suggest an alternative?

Thanks in advance,

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

509. RE: *** STOLEN RADIO ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.3008.7583.0NFBAD58@woodybbs.com>
Source record: 213945

Subject: RE: *** STOLEN RADIO *** ENGRAVING service

>>I'll diamond engrave your HTs clip or
>>removable plastic anything...

Is this worthwhile at all? Won't even the stupidest thief remove
anything "removable" before fencing?

Clint Bradford
---
* TLX v4.00 * The worst thing about censorship is ########

wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

510. Re: HTX-202 and Customer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.3009.7583.0NFBAD59@woodybbs.com>
Source record: 213946

Subject: Re: HTX-202 and Customer

: >>The extended warrenty (sic) has to be the biggest ripoff...

CLINT>> Tell us, please, how an extended service policy for an HT at
CLINT>> 12-15 bucks a year is a "ripoff." Consider parts AND labor AND
CLINT>> shipping are included : in this package.

>>If you think the Shack puts out a bad transceiver, you should
>>talk to the vast majority, and not a Shack Basher...

You're not replying to me - I've never bashed Tandy or Radio Shack on
this subject.

Now then, if you want to trash Tandy and their proposed Family Radio
Service. . .that's another topic entirely.

• wcECHO 4.1 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

511. Hammerlund HQ120

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: ce265@FreeNet.Carleton.CA
Message-ID: <DD81wn.3AL@freenet.carleton.ca>
Source record: 213947

I am looking for information, manuals on a Hammerlund HQ120. If anyone has any info or manuals on this radio, I would greatly appreciate it.

Tks

--

Mike Bostwick

512. Re: Trouble Contacting MA/COMM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: mes123@aol.com
Message-ID: <40jgmt$q8s@newsbf02.news.aol.com>
Source record: 213948

MA/COM, if we are talking about the same folks who manufactured commercial microwave gear a few years ago, is now called Microwave Radio Corporation. They are located somewhere in Massachusetts I believe. Good luck.
Mike

513. help new ham: Tempo HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: sacoolas@girtab.usc.edu
Message-ID: <40jk31$3hc@girtab.usc.edu>
Source record: 213949

Hello all, I am new to amateur radio and am looking for a 2m HT. I saw an ad for a used Tempo S-5 HT. I have never heard of Tempo so can anyone tell me if this would be a decent first rig?

Thanks in advance,

Jonathan Sacoolas KC7MIZ
sacoolas@usc.edu

514. FS 1kw DC hf gg amp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: biggs@uhcl4.cl.uh.edu
Message-ID: <12AUG199521590740@uhcl4.cl.uh.edu>
Source record: 213950

About 15 years ago I built a home brew grounded grid hf
amp using four 572B's and a built in powersupply. It
ran great on NAVY MARS until I dropped out about 10 years
ago. It has been on the floor of my ham shack since.
If any one is iterested it should be worth about $200.
The tubes cost more than that I think.

If you are interested contact me by E-Mail.

73, Chuck Biggs
KC5RG

515. Re: Opinions of TS-850 requested

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-12 00:00:00 UTC
From: jchol@aol.com
Message-ID: <40jmt2$rp6@newsbf02.news.aol.com>
Source record: 213951

I have had my 850 sat for a couple of years and couldn't be happier. The antenna tuner is a dream come true. I use a 500 hz cw filter in both IF stages. Works great!

73 de John, WA5TWL

516. FS: Kenwood SP-430 (external speaker).

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: oscar@nx1.westminster.ca.us
Message-ID: <DD86w6.ws@nx1.westminster.ca.us>
Source record: 213804

```
For Sale:

Kenwood SP-430 external speaker. In mint condition (no scratches).
$40 (price includes shipping).

If interested, please email:

oscar@nx1.westminster.ca.us

Oscar (n6paz).
```

517. Is this equipment good stuff & worth the $$?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: jdunn00@mail.gpbx.net
Message-ID: <40jnqh$12o@dns.cpbx.net>
Source record: 213805

I'm getting ready to get my Tech ticket and have stumbled upon some equipment for sale which belonged to a gentleman who has recently passed on. My wife's uncle, a fellow ham, was an acquaintence of his and vouches for the fact that the equipment received the best care. I would like to ask if there is anyone familiar with these units who could give me sort of a "Consumer Reports" review of the pros/cons and estimated values of the equipment. Items and asking prices are:

1) Radio - Drake TR-4C - $300
2) Tuner - Drake MN2700 - $175
3) Amp - Heath Kit SB 200 (2kW) - $350
4) 2m Mobile - Kenwood TR 7400A - $250

I greatly appreciate any and all responses!

Jay

518. Re: Is this equipment good stuff & worth the $$?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: "Chris M. Bridges" <n4fan.vnet.net>
Message-ID: <40jpk9$3c7@ralph.vnet.net>
Source record: 213806

It may be a fair price. But the equipment is not state of the art,
Old as far I see it.
The Drake is maybe close to 15 to 20 years old.
So is most of the other stuff.
I'd hold out for newer equipment.
Solid state stuff as opposed to the Drake, Although a fine piece of
equipment.
This is only my opinion.
Good Luck.

--

Chris M. Bridges
>>>>>N4FAN<<<<<<
n4fan@vnet.net

519. FOR SALE CUSHCRAFT R7

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: Dan Elekman <danny@interaccess.com>
Message-ID: <40jr7q$fve@nntp.interaccess.com>
Source record: 213807

I'm moving and need to sell my Cushcraft R7 antenna, mast, and roof
mounted tripod. $300 for all. Call Dan - Work 708-391-9414
Home 708-634-4915

520. Re: FOR SALE CUSHCRAFT R7

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: Dan Elekman <danny@interaccess.com>
Message-ID: <40jrka$fve@nntp.interaccess.com>
Source record: 213808

My home number is 708-634-4915

521. 10/7/95 Amateur Radio Auction in Redwood City, CA

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: kkoelman@ix.netcom.com
Message-ID: <40k2km$afn@ixnews6.ix.netcom.com>
Source record: 213809

The annual Amateur Radio Auction by the Palo Alto Amateur Radio Association (PAARA), a non-profit organization, will be held in the cafeteria of Ampex, at 401 Broadway in Redwood City, CA on Saturday, October 7, 1995. Doors will open around 7:30 a.m.

Further details will follow within a week. However, make sure to mark this date on your calendar so that you will not miss this exciting event.

73/Koert KC6WCI

522. Re: Any Experience with JRC JST-100

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: Paul Lannuier <gilfer@haven.ios.com>
Message-ID: <40jthu$o9g@news.ios.com>
Source record: 213810

news@bnlux1.bnl.gov (Usenet news) wrote:
>
>I have an opportunity to but a used JRC JST-100
>model 16210. Does anyone care to comment on this
>radio?
>Tnx in advance..... Tony natoli@bnlux1.bnl.gov

It's a great transceiver, although a bit dated in terms of bell's and whistles. If you don't buy it, please give the seller my number. I am interested in one for my own JRC collection.

Best 73!
Paul Lannuier
President
Gilfer Shortwave

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---

523. GE MSTR II (converted -> RPTR) HELP?!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: "Alan K. Adamson" <ne1h>
Message-ID: <40l5s9$bda@wa4mei.radio.org>
Source record: 213811
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

All,

Yet another converted GE repeater question. Hope someone can shed some light on this one, as it is quite a mistery.

It has to do with the squelch circuit and how to get COS (or the switch to turn on the TX, when RX is active).

In the manual there is mention of a slow and fast squelch (The service man that is). If we look at the two outputs coming out of the RX, the CAS, and the RUS lines on the header block. Neither exhibits the 200ms of time delay that the slow squelch is suppost to deliver, all we can find is about 30ms. Now the compilcation is that if you are a week signal and you are picket-fencing, the 30ms is too short and you drop the TX on each picket fence. This can be quite anoying (sp?). To make matters worse, if you run an audio delay board to get rid of the squelch tail and DTMF bursts, you start to loose parts of words.

We have found no way to remedy this problem. I would like to know where others have pulled COS off for repeater use (btw, these are mobile radios, being converted), and if they have ever noticed this problem. Also if there is anyone out there that has the service manual for the real MSTR II RPTR and can look and see how they generate COS I would like to know that as well.

Hope someone can shed some light on this...

Thanks,
Alan Adamson
NE1H
ne1h@tornado.ne1h.radio.org

524. Re: Amateur (jerks) Electronic Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: dragonsl@scn.org
Message-ID: <dragonsl-1308950846560001@192.0.2.1>
Source record: 213812
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <DD0nr0.7oF@iglou.com>, gregl@iglou.com (Greg Law) wrote:

>In article <3vldok$b2i@apakabar.cc.columbia.edu>,
>jbaltz@watsun.cc.columbia.edu says...
>>
>>I also know that Radio City is on the net,

Actually so is Amateur Electronics Supply (aesham@execpc.com and
http://execpc.com/~aesham) so they might be listening to this thread
(actually probably are they loged in Sat the 12th and Monday the 7).

Although all I've done so far is to get price quotes, the web site isn't
worth much (yet)

Ralph

--
Ralph Lindberg N7BSN
e-mail to dragonsl@scn.org (read daily)
rlindberg@kpt.nuwc.navy.mil (last resort only)
They call it "Sur'n the Net" 'cause you can wipe out so easy

525. Re: Opinions of TS-850 requested

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1308950549060001@wd1v.mv.com>
Source record: 213813

In article <40h1ni$75f@express.ior.com>, Joe Pfeuffer
<KW1K@on-ramp.ior.com> wrote:

> Hi:
>
> I'm thinking of moving from a 930S to an 850S to permit easier portable
> operation (12v). I plan on "moving" my filters (CW types).
>
> Any opinions, experiences, comments would be appreciated.
>
> Tnx & 73
>
> Joe - KW1K
>
> didididdahdidah

I have heard/read that the 850-S is a real nice radio but that it has been
discontinued and that both Kenwood and ICOM and heading for new models this
Fall that bring lower cost DSP radios into the market. So it could pay to
wait.

73,

--

==
John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive America On Line: jseney@aol.com
Manchester, NH 03103-6150 AX.25 Pkt: wd1v@wb1dsw.nh.usa.na
(H) 603-668-1096 Ampernet: wd1v@wd1v.ampr.org
(O) 603-627-6303 (F) 603-627-1623 (P) 800-SKYPAGE #5956779
* Source for Digital Scope.FAQ
*To obtain the latest copy automatically, simply send me an EMAIL
with "subscribe scope.faq" in the subject field.
==

526. Re: Advice Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: msl7k@virginia.edu
Message-ID: <DD8y8I.50t@murdoch.acc.Virginia.EDU>
Source record: 213814

In article <DD12HL.K02@freenet.carleton.ca>,
bt892@FreeNet.Carleton.CA (Geoffrey Brunet) wrote:
>
>Hi everyone,
>I`m going for my general class exam in a couple of weeks and cannot decide
>which rig to buy. I have three in mind, The Kenwood TS 850s/at , the
>Yaesu FT 900at and last but not least the Icom IC736. I would like a good
>DX rig, will use it alot for contest. Any help will be grately appreciated,
>PRO`s and CON`s , Specs etc...
>Thx in advance.
>
> 73`s de Geoff, soon to be licenced.
>
Good luck at the VE session!

I have owned a TS-850sat and loved it! I sold it about a year ago and have
been looking for another HF rig for the past couple of weeks. I looked at the
736 and decided not to get it since I heard too many folks say that the
receiver was not as quiet as the 850. I know a lot of EME'ers use the 850 and
for weak signal work like they do a good receiver is a must. I have been told
that you cannot get the optional filters for the 736 like you can for the 850.
If you NEED to have 6M's got a 6M rig or xverter for the 850. I ordered a
Ten-Tec scout so I could at least get back on the air till I decide what to
get. At this time, I am going with the Ten-Tec paragon for the rig in the
house and keep the scout for camping.

Just my $0.02 worth.

527. AEA Isoloop decent antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <40kol1$5uc@newsbf02.news.aol.com>
Source record: 213815

Looks like we're selling our house and moving into an apartment forawhile. Ground floor. With a patio. Am trying to figure out what to do for HF antenna. How about this AEA Isoloop? Would it work fairly well sitting on the patio? I don't expect a miracle...just something that would work better than stringing wire up inside the apartment. All comments are appreciated!
73's Mike KS4DA

528. Manual for Astro 150

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: jgrib@aol.com
Message-ID: <40kp4e$5vc@newsbf02.news.aol.com>
Source record: 213816

Hi,

A buddy of mine needs a manual or at least a schematic for a Cubic Astro 150. Any help would be appreciated.

Thanks,

Joe KI3B

529. Kenwood IF-10D Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: William Vynck <wvynck@pi.net>
Message-ID: <NEWTNews.6322.808320714.wvynck@pi-user.pi.net>
Source record: 213817

I'm looking for the schematics to build a Kenwood IF-10D interface, to
connect my Kenwood TS-50S to my computer.
Also looking for some mod's for the TS-50S

please e-mail me to wvynck@pi.net

530. ICOM IC-V68 help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: perrella@ERE.UMontreal.CA
Message-ID: <DD95H2.D09@cc.umontreal.ca>
Source record: 213818

I bought an ICOM V-68 2m handheld ham radio, but its instructions manual is no good. Many of the features explained in the manual do not correspond to the radio. Anyway, I need a complete manual for this rig. Where can I find one?

Also, if anyone here has used this unit, I would very appreciate your help. Thanks a lot.

-73

531. Re: HTX-202 and Customer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: copeland@metronet.com
Message-ID: <40l3c0$b2o@feenix.metronet.com>
Source record: 213819

In article <93.3009.7583.0NFBAD59@woodybbs.com>, clint.bradford@woodybbs.com says...
>
>Subject: Re: HTX-202 and Customer
>
>: >>The extended warrenty (sic) has to be the biggest ripoff...
>
>CLINT>> Tell us, please, how an extended service policy for an HT at
>CLINT>> 12-15 bucks a year is a "ripoff." Consider parts AND labor AND
>CLINT>> shipping are included : in this package.
>
>>>If you think the Shack puts out a bad transceiver, you should
>>>talk to the vast majority, and not a Shack Basher...
>
>You're not replying to me - I've never bashed Tandy or Radio Shack on
>this subject.
>
>Now then, if you want to trash Tandy and their proposed Family Radio
>Service. . .that's another topic entirely.

I bought a HTX-202 with warranty. Two months after purchase it blew up while I was on vacation. The Radio Shack policy is to repair unit in about a week. They bent over backwards, broke their rules, and traded me a brand new unit so I could continue to have a radio during vacation.

Now thats service.

532. FS: COLLINS EQUIPMENT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: jim kinney <jkinney@ro.com>
Message-ID: <40l5sj$18h@central.ro.com>
Source record: 213820

I HAVE THE FOLLOWING COLLINS EQUIPMENT FOR SALE. ALL OF IT IS WORKING BUT NEEDS ALIGNMENT. ALL HAVE MANUALS.

1. KWM-2 WE, S/N 15515 WITH PM-2 POWER SUPPLY S/N 17938. VERY GOOD CONDITION. INCLUDES SPARE FINALS AND OTHER TUBES. $500

2. 312B-4 RE, STATION CONTROL S/N 70035. EXCELLENT CONDITION. $150

3. 30S-1 WE, LINEAR AMPLIFIER S/N 568. EXCELLENT CONDITION. INCLUDES SPARE FINAL AND DIODE TUBES. $1500

4. ADCOM LINEAR SYSTEMS MOBILE POWER SUPPLY M/N 350-12, S/N 011432. WIRED FOR THE KWM-2. GOOD CONDITION. NO MANUAL. $50

ALL PRICES ARE NEGOTIABLE. WE CAN TALK SHIPPING.

REPLY TO; jkinney@ro.com

JIM KINNEY, WB7ECS, HUNTSVILLE, AL

533. Need Advice

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: BamaFan@megaweb.com
Message-ID: <40lc2e$lqf@news-e1a.megaweb.com>
Source record: 213821

I am going to take my tech test next week and will be in the market for my first radio. I would like
some advice. I am leaning heavily toward a dual band hand held to start. Is this the right way to go.
If so which models do you recommend. (I'm leaning to the Yaesu FT-51R). Thanks in advance for
your help.

Kelvin Nunn

534. Yaesu CW Keyer Board

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: floyd.sense@mms.raleigh.nc.us
Message-ID: <9508131323.0ISUO00@mms.raleigh.nc.us>
Source record: 213822

I'm in need of the CW keyer accessory board for the Yaesu FT-980 transceiver.
May be able to use keyer board from other Yaesu rigs- not sure. Please email
me at: floyd.sense@mms.raleigh.nc.us .
K8AC in Angier, North Carolina.

535. Drake & Collins Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: floyd.sense@mms.raleigh.nc.us
Message-ID: <9508131327.0IWER00@mms.raleigh.nc.us>
Source record: 213823

Have finally decided to unload my stock of NOS tubes, covering most Drake gear and much Collins, including 75A4 and S-line. Have matched sets of finals for Drake transmitters. All tubes are new, unused, in the original boxes. Email me your needs at: floyd.sense@mms.raleigh.nc.us .

536. TH-79 Durability?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: tdanko1056@aol.com
Message-ID: <40ljlm$bq9@newsbf02.news.aol.com>
Source record: 213824

I am thinking of Buying a TH-79 made by Kenwood. I am very active in Camping and other Outdoor activities. I would like to know if anyone knows the Durability or dropability of this radio. I know the TH-78 which is no longer available, wes very good for this type of activity.

Thank You

Todd
tdanko1056@aol.com
KB2VLD

537. Re: FT-8500 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: bgt@thomascomm.com
Message-ID: <40ljtu$g90@news1.deltanet.com>
Source record: 213825

In article <40e09m$158@er7.rutgers.edu>, hillgen@er7.rutgers.edu (the one) says:
>
>I'm looking for input on what people thinkof the Yaesu FT-8500 dual bander.
>I'm looking to buy a new rig and I'd like to know if I should go any
>further or look elsewhere. Thanks.

I like it's track tunning. As you move thru the band the radio retunes itself on the front end. With it modified 125-165 VHF and 420-500 UHF it's got the tightest receiver around. Iv'e had Kenwood 731's, 75's, Yaesu's 5100, FT24, 2400, and 530's. The 8500 is the best out of all of them for receiver rejection of unwanted signals and sensativity to those wanted.

I mounted the mike(also called the "pickel") on a 10" goosneck off the hump so it's up where my hand is on the armrest. Very nice to be able to adjust sound, scan on one side and flip thru channels on the other side while driving along. With it in this position Im familar enough to able to do it w/o looking at the mike. Thus avoiding rear-ending someone.

A trick I did to brighten up the display contrast was to remove the red covers off the 4 tiny light bulbs inside the front display. Now the display is lt. orange instead of deep orange/red. Made all the difference in the world for daytime viewing. I also got the remote install kit and mounted the display up against the headliner above the mirror.

Yaesu will be offering a different mike option in the near future. Its just like the 5100 mike and has about 5 extra buttons to do all the programing with, all on the same side. You can
buy the radio with either mike or if you already have it you can buy the new mike when it comes
out. Don't know the price yet.

Yaesu will also be offering the ADMS-2 remote programming software/cable kit in a couple of weeks. This softwear/cable combo is manufactured by the same company who did the kit for the 51 h.t. I beta tested the softwear and it's good. Works under Windows 3.1 or higher.
I purposly have been waiting for it to fully program up my 8500. With what would take about 1.5
hours of programming by hand will now take 10 minuits. And next time my radio need to be reset
all I have to do is hook up the computer to it again and download the programing. Great stuff.

Hope this helps

73's
Brad

538. WTB - Used HF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: sponder1@aol.com
Message-ID: <40lkjr$c2i@newsbf02.news.aol.com>
Source record: 213826

I am looking for a good, used HF transceiver that includes a
general-coverage
receiver (500-30,000 kHz) and the WARC bands. I'm interested in operating
CW, AM, and USB/LSB. Rigs that interest me are the Kenwood TS-140,
TS-130, etc. Don;t have a lot of money to spend, but am willing to
negotiate.
Thanks in advance!

Steve, N5WBI
E-Mail: sponder1@aol.com
sponder@popeye.jsc.nasa.gov

539. Icom 2340H mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: keith@unm.edu
Message-ID: <40lk35$p0@carina.unm.edu>
Source record: 213827

Just picked up a 2340h and need (if possible) to do MARS-type
Tx/Rx mods. I say "MARS-type" because I actually only need as far
as 152 Mhz to cover the search & rescue freq.

Separate question: What (if anything) do you folks who use extended Tx
do about antenna tuning, especially on HTs? Do you actually have a
tuner for the HT? Separate antenna? Not even bother?

PS Looked in Oakland's "mods" directory; no IC2340 listed.
THX for any help, email to keith@unm.edu or post.

540. Re: ICOM IC-2AT info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: hippolyte tournier <tournier@iprolink.ch>
Message-ID: <40lnlo$149c@badboy.iprolink.ch>
Source record: 213828

thunter@alleg.edu<Tim Hunter> wrote:
>
>
> Hello All.....
>
> I picked up an ICOM IC-2AT at a hamfest last weekend which has a transmit
>

Hello Tim
I have a manual and schematic,e-mail me your adress and I will mail you a copy.

The final (Q13) is a 2sc1947,the driver (Q12) is a 2sc2053 and Q11 is a 2sc383.

541. Need JRC JST-135hp Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: GDFender <eureka@datasync.com>
Message-ID: <40llut$hvi@osh1.datasync.com>
Source record: 213829

I own a Japan Radio Company JST-135hp HF transceiver. It was purchased about 4 years age. I understand there are several mods to this rig but Gilfers knows nothing about them... Will be happy to pay any costs for a copy of these mods...

Gary W6SZX ex W5UUO

542. Re: +MLA2500 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <40lofg$dak@newsbf02.news.aol.com>
Source record: 213830

>The amps had three weak points that come to mind, noisy fan, poor power
>supply design, and very expensive tubes!

How about this: insufficent air flow, no grid protection (some models),
carbon resistors across the electrolytics, excessive filament voltage
(some models), poor tank layout and Q on some bands, no input circuit
(some models).. hmmmm.

543. XCVR "Tether"

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: generad@epix.net
Message-ID: <40lpm4$eov@grape.epix.net>
Source record: 213831

Sometimes... I use my cordless telephone to operate
my 2 meter transceiver. Very handy for when I need to
be in front of my computer (50' away in another room)
or when nature calls in the middle of a QSO!
I designed the circuit about a year ago....and never
went any further with it. The guys on my favorite repeater
tell me it sounds great. (In fact they can't even tell when I'm
using it.)
They call it the "Tether"., and they think I'm nuts for not
marketing it. Maybe they're right.
Is anybody interested? Gene K2LYU (generad@epix.net)

544. Re: *** STOLEN RADIO ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.3074.7583.0NFBAD66@woodybbs.com>
Source record: 213832

Subject: Re: *** STOLEN RADIO ***

>>CBAnd, of course, we ALL should be engraving our states' driver's
>>license numbers on visible, exterior panels - as well as hidden
>>inside locations.

REPLY>>Why would you use a number like a drivers license??!?!?!?!?!
REPLY>>Your Call is the only one of its kind in the world! I have my
REPLY>>call permanently engraved in the metal case of my Kenwood
REPLY>>TH79A(D).

The vast majority of law enforcement agencies have NO ACCESS to a
callsign database. They can run ANY driver's license number, though.
---
 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

545. Need Help Understanding FT900 Operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: tedm@btree.brooktree.com
Message-ID: <40lrro$dfh@btree.brooktree.com>
Source record: 213833

Need help in understanding why a cw signal received on my FT900AT transceiver does not appear to be centered in my adjustable IF passband (or maybe it's the other way around).

When I zero-beat the audio note with the sidetone (which I assume corresponds to centering the signal in the IF passband), the signal seems much closer to one side of the IF passband than the other, as indicated by the rotation of the passband adjust knob in both directions from center, and the S-meter. Also the S-meter reading tracks roughly with the loudness of the note coming from the headphones.

Any suggestions? Also would like to hear from any FT900 users just to exchange operating information, including the anything on the "shuts itself off" bug. Thanks.

Ted KE6MWB
--

UUCP: ...ucsd!btree!tedm

546. Motorola radius question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: corey@mcs.com
Message-ID: <40lu7p$c6m@News1.mcs.net>
Source record: 213834

Does anyone have the specifications on the Motorola Radius p110 UHF radio?

I called Motorola's general number and asked for a portable product catalog, but they said they did not have one
and referred me to the nearest dealer!

I have a 2 channel radio and was wondering if :

1) It is programmable or XTAL
2) wattage,etc
3) can you modify it for more channels?

4) In a related subject, I understand the HT-600/Radius 200 radios
can be easily modified for 6 channel operation. How do you remove the knobs
or escutcheon to gain access to the pin you need so the channel switch can rotate to the other positions?

Thanks,

Jeff WB9KAZ

Jeff Corey

547. Yaseu FT-411E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: aja@ag.net
Message-ID: <40lv66$4ou@agis.ag.net>
Source record: 213835

I have heard rumors that it can be turned into a cross band repeater
by holding the rpt key while turning it on.. no luck.. anyone here
been able to do it?

548. Radio Identification (was Stolen Radio)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: "Sarah K. Doran" <scba@teleport.com>
Message-ID: <67448.scba@teleport.com>
Source record: 213836

I work for a police department and can attest to the fact that the single best way to mark any piece of equipment is with your driver's license number. Example: OR9999999DL. No spaces in between, so nobody can insert anything. Any police agency in the United States and Canada has access to drivers license information 24 hours a day via computer. As this is also public information, any citizen can also access it, although it's a bit harder. It's easier to drive down to your local police station and hand over the found property to them and let them worry about it!

Even if you move to another state, we will still be able to find you. Your driver's license number is a permanent record of who you are and what kind of driver you were, so it will be there even if you aren't. If it doesn't have your current address on it, we can even do a search through every state until we find you!

When we enter stolen property into the state and national computer systems, we enter it by type, make (brand), model, Serial #, and any owner applied number. If your radio is engraved with a drivers license number and you have the serial number, the chances of you seeing your gear again are a lot higher. If some bad guy has taken the liberty of scratching off either or both numbers, and he can't prove to us that the radio is really his, we will most likely take it into safekeeping until we can figure out who it really belongs to. Serial numbers are usually on the radio in multiple places and even the ones that have been scratched off can sometimes be reconstructed. Some states also have the ability to search their stolen property files by partial serial number.

The moral of this dissertation is this: Make sure you have all of your gear identified with some sort of identifying number and make sure you keep that information in a safe place. That way, if your gear does get lost or stolen, you can provide us with all of the information we need to enter it into the system so you can get it back!

Sarah Doran
KC7LWU
Silverton, OR

Life is just sudden death overtime.

549. NEW HAM RADIO REMOTE CONTROL PRODUCT OFFERED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: Marshall Craw <mcraw@halcyon.com>
Message-ID: <Pine.ULT.3.91.950813154607.13619A-100000@coho.halcyon.com>
Source record: 213837
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

I am pleased to announce a new product offered by Positive Time Systems called the RCS-I. This is a radio controller that connects to any VHF/UHF transceiver and can issue x-10 commands. (X-10 is a power line standard for controlling devices throughout a building. Sears, Radio Shack, and others offer these compatible units)
The unit also has an alarm input, a listen feature, a short voicmail box, and responds to all commands in a pleasant female voice. The system IDs with your recorded voice and call sign. This description doesn't do the product justice, so please check out the new homepage at :

http://www.halcyon.com/pos.time.sys/top

or you may email us with you address so that we can promptly send you our brochure and newsletter.

NOTE: This product is intended for US voltages of 120 / 220 VAC. Another version is offered to support other international power standards.

FLASH! NEW FEATURE! The RCS-I has a new feature called Secure Access Mode(SAM). When enabled, the access code changes dozens of times per hour, making it virtually impossible to hack into.

Thank You,

Marshall Craw <mcraw@halcyon.com>
Positive Time Systems
North Bend, WA

550. IC-2340 mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: edandsusan@aol.com
Message-ID: <40m4r3$gs5@newsbf02.news.aol.com>
Source record: 213838

Are there any mods available to expand receive capabilities on this radio?
Any assistance will be appreciated.

73 de KE4WXY, Ed

++

edandsusan@aol.com (Ed Tilley)

If you're under control, you're not driving fast
enough.................

Bondo in your doors is a sign of
courage.................................Parnelli Jones

551. 3-500Z Open Filament Prob

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: phil.heaton@totrbbs.radio.org
Message-ID: <11514.12.uupcb@totrbbs.radio.org>
Source record: 213839

>I have a TL-922 with a pair of 3-500Z's that has performed well over the
>I had a problem this weekend that perhaps someone can shed some light on.
>up the amp and tuned it up I realized that there was very little output.
>time spent checking out the expected faults I finally found that pin one
>on one of the 3-500's had lost some of its solder. I resoldered it and am

You may need to use silver solder. I had a similar problem on
a 4-400 a few years ago. Fixed her right up.

Phil, KE4KRT

___ Blue Wave/QWK v2.20

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

552. Re: Standard C508A Dual Band Micro HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: gianotti@aol.com
Message-ID: <40man7$j3s@newsbf02.news.aol.com>
Source record: 213840

Gary, agree on your evaluation of the Standard 508A dual band HT. I believe that you CAN program a memory so you transmit on one frequency (450 band) and receive on a different one (2 meter band). This would allow you to use the mobile rig as an extender and receive on the 2 meter band.

I bought mine mainly as a portable scanner for use at athletic events, etc. where small size, but not long range are important.

73,

John, KF9GW

553. Re: 3-500Z Open Filament Prob

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <40medk$kiv@newsbf02.news.aol.com>
Source record: 213841

Phil wrote:

>You may need to use silver solder. I had a similar problem on
>a 4-400 a few years ago. Fixed her right up.

Be very careful. The tube seals may not take silver soldering very well. The earlier statement was correct that if the solder is melting and running out of the pins the tube is probably running too hot. Remember the 922 was designed to be a 1 kW dc input amp, not 1 kW or more OUT. The cause could be: a poor factory joint in the pin... A poor connection or weak clip in the socket..... or too much power for the airflow.

Resolder it with normal solder. If it melts again correct the problem.

73 Tom

554. Re: LAMBDA: Does anybody know their power supply???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <40mefn$kjr@newsbf02.news.aol.com>
Source record: 213842

Mark, I thought Lambda was the name of some kind of net or privite club on Ham radio. Tom

555. Kenwood TS-850S or Yaesu FT-990

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: tracker@indirect.com
Message-ID: <tracker.14.006B144B@indirect.com>
Source record: 213843

Thank you for reading this.

I would like to hear from my fellow hams who own and operate the Kenwood TS-850 or the Yaesu FT-990. I have narrowed my choice to these two radios. I will purchase one or the other in December, but I must make a decision between these two fine rigs.

Do these rigs have tone encode for 10 meter FM?

Comment on using them for satellite work, split frequencies.

Please reply to my E-mail address. I have a lot of problems accessing this news group.
Mark Saunders - KJ7BS
Glendale, AZ
PACKET: KJ7BS@N7MRP.AZ.USA.NOAM
INTERNET: tracker@indirect.com

556. Icom IC-451-A Mod(?)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: jsumner@cybergate.net
Message-ID: <40lvd4$2l3@galaxy.cybergate.net>
Source record: 213844

Does anyone know if this radio(IC-451A) will work in the repeater
bands? If so how do I get it to tune that high?
Jeff Sumner
jsumner@cybergate.net

557. Connector for Yeasu FT-101 ZD

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-13 00:00:00 UTC
From: jsumner@cybergate.net
Message-ID: <40lval$2l3@galaxy.cybergate.net>
Source record: 213845

My grandfather recently left me a wonderful ham shack. Unfortunately
it was in Florida, sooooo, I packed up the VW and drove there, and got
all sorts of stuff. The only thing that I did not bring back was the darn
(I got stronger words here, believe you-me!) Accesory connector. Hell,
I don't know where to find one(the ones of the FT-101 should be fine)
and I also don't know the connections, if I can't. No owners manual.
Help, please!
Jeff Sumner
jsumner@cybergate.net

558. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: "Tyler L. Macmillan" <macmilla@falcon.cc.ukans.edu>
Message-ID: <1995Aug14.033346.100905@kuhub.cc.ukans.edu>
Source record: 213846

Kantronics KPC-3 Packet Modem, manuals, cables... $200 obo

Yaesu FT411E 2m HT with CTCSS chip, battery,
charger and case... $200 obo

send email if you're interested.

Tyler Macmillan
HTTP://falcon.cc.ukans.edu/~macmilla

559. Packet radio programs needed URGENTLY for Student

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: Matthew Hyne <mjhyne@acs.itd.uts.edu.au>
Message-ID: <Pine.SOL.3.91.950814192331.9416A-100000@acacia>
Source record: 213847

I am doing a thesis project on packet radio (high speed)

Can anyone help me out. I am looking for a packet program called SP. I need the source code for this program.

I am also looking for any other packet programs that do ALL their HDLC processing in software (ie Baycom). What I am looking for is the source code so I can see how they did a few things.

So can anyone Email me the source (and binaries if possible) for any programs they think would help me or can you give me the FTP site or URL

Very much greatful ... I will freely publish my work to the amateur radio community when I finish.

Matt

Matthew Hyne
School of Electrical Engineering (Telecommunications)
University of Technology, Sydney
Australia

Email : mjhyne@acs.itd.uts.edu.au
Radio : VK2UMH
Pager : 132222 # 50489
or 50489@pager.link.com.au (put msg in subject)
---

560. LAMBDA: Does anybody know their power supply???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: by668@FreeNet.Carleton.CA
Message-ID: <DDA3vo.BIH@freenet.carleton.ca>
Source record: 213848

Hello, I just stumbled upon 2 power supply bearing the name Lambda,
they have variable output from 12 to 14 vdc, at a very thight scale,
(ie: you can easily get 13.69 if that's what you want),
the units can give up to 20 amps. They are small in size, the same
size as a normal kleenex tissue box, so if anyone can tell me if they
are reliable, I'd appreciate it!

Marc...

561. Noise problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: cescsan@embratel.net.br
Message-ID: <40ma8n$o5j@rjo02.embratel.net.br>
Source record: 213849

Hi guys,

I'm having a problem and I want to know if any of you can help me.
I've re-installed a vertical (ring-o) antenna for VHF (2 mt) with a 6dB gain.
The 1st time I did it, I use 70 mts of regular RG-58 (I know it's awful...) and
I could trigger (and hear the response) our farest repeater.
Now I'm using 50 mts of RGC-58 (cellular insulation) and I'm having troubles with the RX.
I can reach (with signal 9+ from a Icom IC2GAT) places I didn't before, but I can hardly hear
some repeaters. Tests shown I can trigger all repeaters, but I can't hear the responses, even
with no squelch at all (all open).

Facing me (my shack) there's plenty of TV tx antennas and FM broadcast antennas, and I'm getting
full of blank (?) noise.

So, I can reach almost all the town and neighborhood, but I can't hear...

Someone asked about a low-pass (or hi-pass) filter... Will they work ?

Please, help!

Thanks

Carlos Eduardo Strauch - PY6ST

562. Re: LAMBDA: Does anybody know their power supply???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: kr4ah@bga.com
Message-ID: <40mfbn$jus@giga.bga.com>
Source record: 213850

Marc Buron (by668@FreeNet.Carleton.CA) wrote:

: Hello, I just stumbled upon 2 power supply bearing the name Lambda,
: they have variable output from 12 to 14 vdc, at a very thight scale,
: (ie: you can easily get 13.69 if that's what you want),
: the units can give up to 20 amps. They are small in size, the same
: size as a normal kleenex tissue box, so if anyone can tell me if they
: are reliable, I'd appreciate it!

Lambda power supplies are commercial (or test bench) grade
switching power supplies and are supposedly quite reliable.
If you can get it at a reasonable price, snatch it up!

--
John Meaker kr4ah

563. Any HTX-202 modfications available?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: Mark Latham <markl@frontier.net>
Message-ID: <40mibl$k5a@molas.frontier.net>
Source record: 213851

I am looking for any modfications to the 202 that are available. Please send them or let me know where I could find them please. mark KB6TWZ

564. Re: AEA Isoloop decent antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: bgn00@juts.ccc.amdahl.com
Message-ID: <40m7o3$foo_001@ccc.amdahl.com>
Source record: 213852

I lived in a Townhouse for five years, I had two full stiries plus
a third floor attic. A lot of storage. I had a AEA Isoloop the older
model. It worked very well. I also had a 40 meter shorten dipole and
a full size 20 meter dipole up there. I work a good deal of DX with
that AEA, but the cycle was high at the time. The bad thing about the
IsoLoop is that it is very hard to get resonance. Very touchy. So
once you get the hang of it you'll find that it works quite well for
it's size. Remember though 150 watts is all it can take.

Name: Bill.Nadzam
E-mail: bgn00@juts.ccc.amdahl.com (Bill.Nadzam)
---

565. Re: Yaesu FT51r DC supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: dd650@cleveland.Freenet.Edu
Message-ID: <40mlec$q0s@usenet.INS.CWRU.Edu>
Source record: 213853

>The yaesu EDC-1 (?) is a great DC adaptor. It clips onto the
bottom the radio, powers it at 11.5V and trickle charges the
battery at 50ma! the clip is quite small, the regulator is in
the cigarette lighter plug!
<

I am glad you mentioned this. I have a question aobut the trickle charge.
I read in the manual of my 51r that it is not a good idea to keep charging
a halfway used battery, or one that has had very little use. Is this really
a problem? I thought these new NiCds had gotten around the memoryu problem,
and this would not be a problem? Also, how does the Trickle charger fit into
this?? If everyday I get home, I hook up the EDC 12, and the battery is only
about 1/4 down, is it going to mess it up? Also, how long does it take to
charge a battery with the trickle charge?

I also have a question about another type of charger that I bought used. It is
a little different than the EDC 12. It replace the battery completely. It's
plug for the cigaret outlet has a green led on it, but appears to be a standard
plug. Other wise, the part that replace the battery is about the size of the
9.6v battery. It is very light, as if empty. What exaclty is this? Why does
it only give 8v of output power?

Thanks!!
Drew Loker, loker@tenet.edu

566. WTB:small air vary capacitors

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <40mlqu$dbv@acme.freenet.columbus.oh.us>
Source record: 213854

I'm looking for small air varyable capacitors with C max about
1000 pf, the QTY up to four.

thanks,

Sergei AA8OT, UA3AP

Columbus, Ohio

567. Motorola out of band -- Maxtrac?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <40mqbs$37i@cronkite.ocis.temple.edu>
Source record: 213855

I have been following the thread for a while, but I never saw the answer,
Since the Radius models can be taken out of band with the shift key,
what trick takes the Maxtrac models out of band?

Thanks, I'd much appreciate the info..

--

[AUTO .Sig posting]
##
# #
Scanner BBS 610-525-4004
14.4K / 24 hours/day / no ratios / CD ROM
120 min/day / no verification
call today and do all the downloading you
want! that is what it's here for!
The only thing this bbs is missing
IS YOU!!
Specializing in Scanner & Ham radio files
and catering to Cellular phone interests
and Text files galore.
# #
##

568. Re: Any HTX-202 modfications available?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40mogm$9aq@news.ccit.arizona.edu>
Source record: 213856

Mark Latham <markl@frontier.net> writes:
>I am looking for any modfications to the 202 that are available. Please
>send them or let me know where I could find them please. mark KB6TWZ
Radio Shack saw to it, via design, that the HTX-202 could not be modified for transmit or receive outside of amateur bands. While I'm not into packet radio, I have heard of a mod for 9600baud operation. If this is the sort of thing you're looking for, check out the following ftp site:
ftp oak.oakland.edu/pub3/hamradio/mods/<name of manufacturer>

There's a wealth of info there on all sorts of radios and mods. None that are gauranteed, of course.
Chris, N7RME

569. Re: Yaesu FT51r DC supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40mp50$kam@news.ccit.arizona.edu>
Source record: 213857

dd650@cleveland.Freenet.Edu (Drew Loker) writes:
>>The yaesu EDC-1 (?) is a great DC adaptor. It clips onto the
>bottom the radio, powers it at 11.5V and trickle charges the
>battery at 50ma! the clip is quite small, the regulator is in
>the cigarette lighter plug!
>I am glad you mentioned this. I have a question aobut the trickle charge.
>I read in the manual of my 51r that it is not a good idea to keep charging
>a halfway used battery, or one that has had very little use. Is this really
>a problem?
...snip...
It is generally a good idea to allow nicads to run down "completely" before
charging. There are exact voltages specified by some makers, but you needn't
worry too much. When the radio quits, immeadiatly recharge the battery. With
such an approach you'll see a good useful life out of your nicads. The concerns
about "memory" in nicads have been much reduced with improved technology over
the years - but by no means eliminated.
>I also have a question about another type of charger that I bought used. It is
>a little different than the EDC 12. It replace the battery completely. It's
>plug for the cigaret outlet has a green led on it, but appears to be a
>standard
>plug. Other wise, the part that replace the battery is about the size of the
>9.6v battery. It is very light, as if empty. What exaclty is this? Why does
>it only give 8v of output power?
>Thanks!!
>Drew Loker, loker@tenet.edu
Sounds like a W&W Associates WCE-091B3-FNB35(S) Battery Eliminator - $39 new.
There is a circuit inside to regulate the voltage at a safe level - 8vdc - as
your FT-51R is designed to run at 9.6vdc. W&W is one of a number of companies
making radio batteries, chargers and other accessories. I use their batteries
in place of Yaesu batteries in my FT-51R.
Chris, N7RME

570. International satellite phonecalls

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: 100670.3637@compuserve.COM
Message-ID: <950814070309_100670.3637_EHK5-1@CompuServe.COM>
Source record: 213858

There are many ways of scanning international phonecalls (in case there are people who believe that interantianl phonecalls are not traceable).HHYou need:H- A dish tuned to a comms satellite (C-Band feed).H- A SW radio with SSBH- A satellite receiver that offers baseband, unclamped video outputHH
You tune to a comms satellite (try Intelsat at 24 degrees West, around 3800MHz).HYou tune to a comms channel. This is a channel that on a video monitor identifies as having short, white bars, scrolling horizontally across the screen at various positions.HYou connect your SW radio to the baseband output and tune around 4MHz, USB. Every 4 khz you will get a new call. HHThis procedure is used for FDM (Frequency division multiplexing). TDM is different and undecipherable.HHBest,HHPeter, KC1QFA
100670.3637@compuserve.com

571. Re: Noise problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40msem$k2g@news.ccit.arizona.edu>
Source record: 213859

cescsan@embratel.net.br (Carlos Eduardo Strauch de Carvalho Santos) writes:
>Hi guys,
>I'm having a problem and I want to know if any of you can help me.
>I've re-installed a vertical (ring-o) antenna for VHF (2 mt) with a 6dB gain.
>The 1st time I did it, I use 70 mts of regular RG-58 (I know it's awful...)
>and I could trigger (and hear the response) our farest repeater.
>Now I'm using 50 mts of RGC-58 (cellular insulation) and I'm having troubles
>with the RX.
>I can reach (with signal 9+ from a Icom IC2GAT) places I didn't before, but I
>can hardly hear
>some repeaters. Tests shown I can trigger all repeaters, but I can't hear
>the responses, even with no squelch at all (all open).
>Facing me (my shack) there's plenty of TV tx antennas and FM broadcast
>antennas, and I'm getting full of blank (?) noise.
>So, I can reach almost all the town and neighborhood, but I can't hear...
>Someone asked about a low-pass (or hi-pass) filter... Will they work ?
>Please, help!
>Thanks
>Carlos Eduardo Strauch - PY6ST
Firstly, you are still in a poor situation with 50m (164') of RG58, no matter the insulation. With the best of insulations, you'll have a cable loss of 7.8db, or -1.8db system gain.
Worse case is a cable loss of 11.2db, for a system gain of -5.2db. If you go to Belden 9913 the cable loss is down to 2.6db, for a system gain of +3.4db. Using RG-8(foam dielectric) brings you a cable loss of 4.3db, system gain of +1.7db.

Whether or not you need any of this gain is something that can only be guessed at from this far away. I'm able to work mountain top repeaters with a fraction of a watt into a rubber-duck antenna from 10 to 20 miles. All situations vary greatly.

As a troubleshooting approach, consider the last thing you did. Before you did it, you could hear the repeaters, yes? Now you can't? Did you install the cable connectors yourself? Could there be a defect there? I've seen complaints of "I can hit it but I can't hear it" be traced back to cable troubles a number of times. Ispect the cable most carefully for crushed or pinched areas. Installing a long cable run can leave un-noticed damage. If all is well with the cable, take a good look at the antenna for any defects. If ni troubles are found, try measuring forward and reflected power. Measure it both at the transmitter and at the antenna if possible.

I live in very close proximity to many high powered transmitters. I've not seen any troubles caused by them other than the usual intermod. So I would doubt that a filter would help you much. Lastly, get better cable if you

possibly can.

Chris, N7RME

572. Re: *** STOLEN RADIO ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: KD4YU@cphillips.pdial.interpath.net
Message-ID: <40mm68$1i2@redstone.interpath.net>
Source record: 213860

morris@grian.cps.altadena.ca.us (Mike Morris) wrote:
[snip]
>Frankly, I have yet to see a cop that even knows what a callsign is,
>except as a funny sequence he sees on some license plates.

>The local club had a cop in to give a talk on how NCIC worked, how
>stolen property reports were processed, and how to maximize the chances
>of getting your stuff back. I am sure that any agency would be happy
>to do a simiar talk for a local club.

>One tip from the talk: The computer does a hit on an _exact_ match.
>If the number can be modified in any way it will prevent a hit, at which
>point the cop assumes it's a cold radio. When you engrave your DL
>number, DO NOT do it like this: CA DL X9999999. The perpetrator
>can add a digit to the end. Yes, CA cops know what CA DL numbers
>look like, but it's easy to take a load of hot stuff to Nevada
>or Arizona and sell it at a swap meet there.

>SO engrave the radio like this: CA-X999999-DL. Makes it a little
>harder to change the number.

>Just make sure that when you sell the engraved radio you give the
>new owner a nice clear bill of sale, including mention of the engraving.

Sorry for getting slightly off topic, but I've always wondered about
engraving your license number on a piece of gear (any gear) in our
mobile society.

If I move from N.C. to another state, I *must* get another driver's
license. Won't my license number change also? Then I must either
engrave the new number into the radio, or the police running the
number will get a null. Or, how about when I *buy* a used piece of
gear? Sure, I've got a bill of sale, but now I also need to engrave
my license number in the radio. And if I move??? The radio could
end up with 2 or 3 driver license numbers in it. SO... then the
thief could just engrave his license number (or one on a fake
driver's license he obtained for this purpose) to make it look
more legit for him.

Heck, the police around here have told us that when most theives
find out it's ham gear (instead of easy to sell CB gear), they'll
just dump it in the river anyway.

I've had my car broken into. I lost an ICOM IC-22A (this was
20 years ago) and 25 eight track tapes (this was TWENTY YEARS AGO :-).
They left my Cross pen (perhaps they prefer MONT BLANCs) but
took my 19" whip antenna made from a coat hanger affixed to a

PL-259. They did re-lock my car when they left.
I didn't have anything marked, and never got anything back.
Based on what the police told me, I'm not sure marking would have
helped.

==========Opinions expressed are solely those of the author==========
Curt Phillips, CEM KD4YU (ex-WB4LHI) | "Microsoft is a synomym of SLOW!!!"
Engr Proj Mgr., Industrial & Research; KD4YU@cphillips.pdial.interpath.net
North Carolina Division of Energy; Chairman, Tarheel Scanner/SWL Group
Energy/Recycling BBS 704-547-3114; ARRL Life; QCWA; Raleigh Am Radio Soc, NRA

573. ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: elekesa@cadvision.com
Message-ID: <40n0b4$1b0k@cadvision.com>
Source record: 213861

Would anyone know of any mods for the IC-Z1A HT?

Thanks

574. Re: LAMBDA: Does anybody know their power supply???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40mo40$dbq@news.ccit.arizona.edu>
Source record: 213862

by668@FreeNet.Carleton.CA (Marc Buron) writes:
>Hello, I just stumbled upon 2 power supply bearing the name Lambda,
>they have variable output from 12 to 14 vdc, at a very thight scale,
>(ie: you can easily get 13.69 if that's what you want),
>the units can give up to 20 amps. They are small in size, the same
>size as a normal kleenex tissue box, so if anyone can tell me if they
>are reliable, I'd appreciate it!
>Marc...
Lambda has been a major brand name in OEM power supplies for a great many
years. Very reputable. Very durable designs. Good stuff when new. But you
can never predict how used gear has been used/abused, or the life remaining.
Starting out with a good make can only be a positive indicator.
Chris, N7RME

575. WANTED: SERVICE MANUAL (ORIGINAL) FOR R L DRAKE UV-3

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: mc@shore.net
Message-ID: <40noog$78@northshore.shore.net>
Source record: 213863
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I just picked up a clean DRAKE UV-3 VHF/UHF transciever with all three modules and no documentation. Does anyone have an original of either the operator's manual or service manual they no longer need and would like to part with? The unit works nicely (now) and I think it's a "keeper" so I'd like to have the appropriate manual(s) in case of future need.

Reply by e-mail.

Cordially,

Michael Crestohl, KH6KD/W1
mc@shore.net

576. F/S: Drake 2NT,other old stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: boblucas@netins.net
Message-ID: <00994D96.8D1BFF8E@netins.net>
Source record: 213864

Selling TWO Drake 2NT transmitters...or, trade one for a Drake 2-C receiver.
$70/OBO plus shipping. Also Knight T-60 transmitter, $�30 or trade with cash
$70/OBO plus shipping. Also Knight T-60 transmitter, $�30 or trade with cashfor Knight T-150.

Also Heath AT-1, very good condition, $100, DX-40 verygood $80.

Wanted: Heath Sixer.

Buyer pays shipping...and its not cheap.

737373737373737373737373737373737373737373737373737373737373737373737373737373737373

577. Re: AEA Isoloop decent antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DDAswn.lru@eskimo.com>
Source record: 213865

In article <40kol1$5uc@newsbf02.news.aol.com>, mparkes@aol.com says...
>
>Looks like we're selling our house and moving into an apartment forawhile.
>Ground floor. With a patio. Am trying to figure out what to do for HF
>antenna. How about this AEA Isoloop? Would it work fairly well sitting on
>the patio? I don't expect a miracle...just something that would work
>better than stringing wire up inside the apartment. All comments are
>appreciated!
>73's Mike KS4DA
>>
Anecdote: I have a tribander at 50 feet and a kw output. There's a fellow
here in the Seattle area with an Isopole (height unknown) who has beaten me
in the pileups several times. It is definetly competitive. If I were
restricted as to antennas, I'd have one.

73, Bill W7LZP
wrt@eskimo.com

578. Re: Is this equipment good stuff & worth the $$?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DDAv8r.Ao4@hpqmoea.sqf.hp.com>
Source record: 213866

Jay A. Dunn (jdunn00@mail.gpbx.net) wrote:

: 1) Radio - Drake TR-4C - $300

With equipment of this age, price is dependant entirely on
condition.

The TR4 is valve (I'm British if you haven't just guessed..) based.
High voltages are involved, and it is dangerous to work on it if you are
inexperienced. It gets hot. For these reasons, you ought to question
the probable reliability of equipment of this era.

If it's in decent condition, and you're prepared to do some
maintenance you can learn a lot from one of these radios. The TR4 was
one of the best performing radios of its time. A previous respondant has
suggested that things have moved on a lot in the last 20 years. He's
quite right, but progress has been uneven. Modern radios have improved
very little in terms of phase noise and front-end intermodulation from
the levels set by some of the classics. Modern radios have grown all
manner of "features" that DO make operating more convenient, and give
the operator a few more things to play with.

If you get very brutally pragmatic, and ask what you would be able
to work with a modern, all singing, all dancing rig that you couldn't
with a good TR4, then the answer is "very little"

If the TR4 represents your rough budget, then if you do choose to
look for a later all-semiconductor radio, you'll be limited to very
early models (and probably ones in rough condition) I'd suggest that
the first all-semiconductor radios were not up to the standards of the
better valve based radios in a number of important respects. It has
taken rather a lot of time to engineer out the failings of these early
transistorised radios, and only a few of the best don't have a couple of
areas where the Drake can give them a good run for their money.

The era of hybrid designs; semiconductors for all low level stages
but valves for transmitter driver and output has given us a few
classics:

TS530, TS830
FT101ZD, FT901

Of the bunch I prefer the TS830. Note that the FT101Z and FT101ZD
are almost completely different radios to those bearing other suffixes.
The FT102 is a posher derivative of the '101ZD with a few more features
and a rather good output stage running 3 valves in place of the usual 2

Any of these five should prove satisfactory, at a higher price, though. On receive, they are not quite as clean-sounding as the Drake 4 series, and are more prone to intermod effects. The low power sections are safer to work on, but the PA and power supply areas are just as deadly as the all-valve radio.

The Drake uses TV output valves, abuses might be a better word. If you know what you're doing, you're OK but they are less tolerant of long tuning periods.

Any radio in the bottom price bracket will likely need parts and maintenance. Don't reject age and "toobs" automatically, in some respects the latest and greatest have made hardly any progress.

Things depend a lot on condition, and on availability of experienced guidance.

: 2) Tuner - Drake MN2700 - $175

Manual antenna tuners haven't changed at all, and usually have a wider operating range than automatic units. Good clean units fetch high prices.

Have fun

David GM4ZNX

579. FS: HTX-404 Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40ngou$bte@news.ccit.arizona.edu>
Source record: 213867

**** !!!PRICE REDUCED!! ***
I posted this before and agreed to sell the lot to one person, but it
fell thru. Here's another shot:

FOR SALE: Radio Shack HTX-404 440 to 450mhz Amateur Handie Talkies.
*** I have 3 of these at $175 each + shipping. ***
*** Will Consider Offers On 2 or 3 Radios. ***
*** May Even Consider Offers On 1 Radios. ***
*** Will program the 12 memories to your specs ***

These radios are based on the Icom IC-04AT, but with certain changes for
Radio Shack. Has DTMF memories, PL Decode as well as Encode, Power Saver,
PTT TOT, Scan, Priority Scan and DTMF Paging. Icom accessories for their
models IC-2/3/4AT, IC-02/03/04AT, IC-32AT and a variety of commercial
handie talkies will work on this radio.

Each radio is in it's box with: manual, wrist strap, nicad battery, AA battery
holder, slow charger, antenna, belt clip. 1 of the radios was packaged in
a HTX-202 box and has a photo-copied manual. I bought these 3 expecting to pass
them along to members of our SAR team, but all 80 or so amateurs are chonically
afflicted with "Twin Band Fever". All radios are in good working
order and of good appearance. Terms will be payment in advance by check or
money order, as you wish. You pay shipping.
Chris Weddle, N7RME
At the summit of 9162' Mt. Lemmon, near Tucson, Arizona.

580. Re: FS: HTX-404 Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40nh7d$ajk@news.ccit.arizona.edu>
Source record: 213868

I wrote, but wasn't aiming too well:
> !!!PRICE REDUCED!! ***
>Chris Weddle, N7RME
>At the summit of 9162' Mt. Lemmon, near Tucson, Arizona.
Uh, this was fired off at rec.radio.swap. OOPS! It's way too early
to be up this early!
Chris, N7RME

581. Need help with radio signiture/fingerprint tech.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: jmp@ipctech.com
Message-ID: <jmp-1408950938280001@shipping.ipctech.com>
Source record: 213869

I have heard that this technology is being used at the amateur radio level to identify radio transmissions from radios that are either being used illegally or are in violation of accepted radio practice, etc. As regards several of our local repeaters, we have had numerous problems in the past and many amateurs have spent countless hours trying to get a location and track down the offending stations. This is'nt quite doing the job since a lot of this activity seems to come from mobile stations. I would like to hear from anyone who has USED this method of fingerprinting various radios during illegal transmissions and comparing the signatures to the same radios when the operators may be in the "accepted mode of operation", thus using their real call signs, etc.
Again, the news that I have heard is second hand, so please keep any responses to this request to those who actually have successful "hands on" experience. I do appolgize if I missed any recent info on this newsgroup. I seem to recall a recent thread on this but did not get much out of it.
Thanks in advance.
John

--
John Pendergraft
jmp@ipctech.com

582. JPS' ANC-4 noise canceller

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <40npvb$r34@omnifest.uwm.edu>
Source record: 213870

Does anyone have any experience with this unit? Does it work at 50 MHz?

TNX ES 73,

Rick WB9GYT
Milwaukee

583. Re: need info;hf digital voice

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug14.145044.8952@ke4zv.atl.ga.us>
Source record: 213871

In article <40iq2m$a52@ixnews2.ix.netcom.com> fiscon@ix.netcom.com (William Rice) writes:
>I'm interested in HF digital voice comunications. Does anyone know of a
>good reference or have any experienc in this area?

Since US amateurs are limited to 300 baud on HF (except for 1200 baud
on 10 meters), you aren't going to be able to do realtime digital voice.
The best compressed codec performance still needs at least 2400 baud,
and fidelity is much better at 9600 baud or higher. You could get an
STA from the FCC for a higher rate, though.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

584. Re: Is this equipment good stuff & worth the $$?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug14.145827.9036@ke4zv.atl.ga.us>
Source record: 213872

In article <40jnqh$12o@dns.cpbx.net> jdunn00@mail.gpbx.net (Jay A. Dunn) writes:
>I'm getting ready to get my Tech ticket and have stumbled upon some
>equipment for sale which belonged to a gentleman who has recently
>passed on. My wife's uncle, a fellow ham, was an acquaintence of his
>and vouches for the fact that the equipment received the best care.
>I would like to ask if there is anyone familiar with these units who
>could give me sort of a "Consumer Reports" review of the pros/cons
>and estimated values of the equipment. Items and asking prices are:
>
>1) Radio - Drake TR-4C - $300

Good radio, not as good as the T4X-R4C pair though. That price
would be right for a primo unit with manuals, power supply,
and speaker cabinet. An external VFO would add another $100.

>2) Tuner - Drake MN2700 - $175

Good tuner. That price is a hair high, but not way out of line.

>3) Amp - Heath Kit SB 200 (2kW) - $350

Ok amp, Ok price, if the tubes are good.

>4) 2m Mobile - Kenwood TR 7400A - $250

Overpriced! $125 might be fair. Not a great radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

585. Re: Standard C508A Dual Band Micro HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug14.150409.9129@ke4zv.atl.ga.us>
Source record: 213873

In article <40man7$j3s@newsbf02.news.aol.com> gianotti@aol.com (Gianotti) writes:
>Gary, agree on your evaluation of the Standard 508A dual band HT. I
>believe that you CAN program a memory so you transmit on one frequency
>(450 band) and receive on a different one (2 meter band). This would
>allow you to use the mobile rig as an extender and receive on the 2 meter
>band.

You're right. It's in the notes on page 29 of the fine manual.
Thanks for motivating me to dig it out.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

586. Re: LAMBDA: Does anybody know their power supply???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug14.150647.9218@ke4zv.atl.ga.us>
Source record: 213874

In article <DDA3vo.BIH@freenet.carleton.ca> by668@FreeNet.Carleton.CA (Marc Buron) writes:
>
>Hello, I just stumbled upon 2 power supply bearing the name Lambda,
>they have variable output from 12 to 14 vdc, at a very thight scale,
>(ie: you can easily get 13.69 if that's what you want),
>the units can give up to 20 amps. They are small in size, the same
>size as a normal kleenex tissue box, so if anyone can tell me if they
>are reliable, I'd appreciate it!

Lambda is a well known (and well hated) maker of commercial switching
power supplies. When they work, they work very very well. When they
fail, they're a royal bitch to repair. They are typically *very* RF
sensitive too, so be careful using them around transmitters.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

587. Re: FT-840 vs IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: David Solomon <70353.403@CompuServe.COM>
Message-ID: <40nru2$77q$1@mhafm.production.compuserve.com>
Source record: 213875

I bought a used IC-735 last November. I think it is a great,
very well made solid rig. Small footprint with a lot of
features: Rit, notch, passband tuning, dual VFOs, split mode,
memories. I have seen prices for the IC-735 from $600.00 - 900.00
used.

Sorry I don't know anything about the FT-840.

Good luck and good DX!

73 de David KB2SDD

588. Kenwood TM742A Mods Incorrect!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: Steve Steinberg <ss@pastek.com>
Message-ID: <40o0ap$23d@uucp.intac.com>
Source record: 213876

The mods for the Kenwood TM742A at the Oak.oakland.edu archive site are not correct for my radio. They say to move the eighth chip resistor to an open spot just below it, mine is already moved.

Does anyone have any better or newer info for this?

Actually the radio I have is a TM942A, it should be the same.

Steve
kg2bd@pastek.com

589. Icom 751a: opinions wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: pklein@news.seattleu.edu
Message-ID: <40o0d3$e9u@bach.seattleu.edu>
Source record: 213877

Does anyone have experience with the 751a and how it compares to other ICOM radios and/or the TS-850?

Background: I've decided to replace my aging Icom 745. Reasons: it won't do AMTOR, has problems with overload, spurs and distortion under crowded conditions, and tend to heat up and drift when transmitting. If I buy new, I'll probably go for a Kenwood TS-850SAT. It appears to be a better radio than the similarly-priced Icom 738.

But I'm also interested in a quality used radio which would be a truly *significant* improvement over the IC-745, but cost less than the TS-850. Also, I have an Icom desk microphone, power supply, FL-44 deluxe SSB filter and 500 Hz CW filter that could be transferred to a newer Icom radio. Icom's service center is right here in the Seattle area. So I have some reasons for staying with Icom.

Based on the above, I've thought about getting a used Icom 751a. However, after reading the ARRL Radio Buyer's Sourcebook (reprinted QST reviews) and talking to a few people (including ICOM service), I'm confused. I've been told that "the 751a was the best radio Icom ever made." I've also been told that the just-discontinued IC-735 receiver will outperform the 751a, that the 751a runs hot, and that the 751a has a similar front end to the 745 and may have similar overload problems.

The QST reviews are not much help, as their review is of a 751, not a 751a. Also, I'm not sure how much I trust them. QST's 3rd order IMD figures for the 745 on 20m are better than either the 751 or the 735(!)

For reference, I'm not a competitive DXer or contester. I do like to DX (mostly on CW), but not obsessively. To me contests are just a convenient way to work a new country or two. I like to ragchew on both SSB and digital modes (mostly Pactor these days, and want a radio that will do Amtor). So I don't really need "instant QSY" memories and contest-winning features, though the ability to work "split" is important.

OTOH, I like having good, steep-skirted filtering and variable bandwidth, aka "passband tuning" in both CW and SSB. And the ability of the receiver to resist overload is important--I live in a city with a lot of big guns. Adjustable CW sidetone pitch that tracks with transmitted signal would be nice, though I've lived without it until now.

Does the 751A have the software in battery-backed RAM like the 745, or in ROM like the later models?

All advice, anecdotes, passionate opinions and wild rumors welcome :-)

73 - Peter, KD7MW
--
Peter A. Klein (pklein@seattleu.edu) : -------==3== --- ---
Information Services : | | | | | | | |
Seattle University : @| @| @| @| @| @| @| @|

590. Icom IC-24AT help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: Andy Brant <abrant@arl.mil>
Message-ID: <DDBC5s.9x0@serval.net.wsu.edu>
Source record: 213878

Hi all,
I just got a used dual band HT (Icom IC-24AT). It
works ok but seems to have poor sensitivity. Can anyone
tell me if the service manual would cover procedures
for correcting this problem and what type of test equipment
is needed? Is Icom the only place that has service manuals?

Thanks in advance,
Andy <abrant@arl.mil>

591. WTB: Icom IC-1275

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: glenndb@ix.netcom.com
Message-ID: <40o7v2$s3a@ixnews6.ix.netcom.com>
Source record: 213879

Hello I am looking for the IC-1275

Thanks Glenn

592. Re: FT-8500 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Aug14.132022.1@vax.sonoma.edu>
Source record: 213880

In article <40e09m$158@er7.rutgers.edu>, hillgen@er7.rutgers.edu (the one) writes:
> I'm looking for input on what people thinkof the Yaesu FT-8500 dual bander.
> I'm looking to buy a new rig and I'd like to know if I should go any
> further or look elsewhere. Thanks.
> Jay
> hillgen@eden.rutgers.edu
>

While I'm not an owner of one of these radios, I can tell you what I
think as a listener.

The transmitted audio on these radios (at least the three I've heard)
has absolutely SUCKED. It is very bass sounding and muffled, bordering
on distorted. I'm not impressed by this and wonder why a radio that
costs as much as this sounds so cheap.

I have two friends who have this radio. One is on his second 8500. He
sent his first 8500 back because of poor transmitted audio. His second
one is only slightly better than the first. His second radio was provided
to him for no charge. He also doesn't like to grab the mic and invariably
change a setting. Sure, he could lock up the mic but that is one more
thing to have to do before changing a channel or something. Kind of goes
in the face of convenience, which is what the "do-all" microphone is all
about.

My other friend obviously hasn't listened to his own signal. He sounds
even more bass and muffled than my first example. He really likes
"Mr. Potatohead", the microphone. ;-) He likes this radio so much that
he is going to buy another for use at home. I have difficulty understanding
what he says over his radio when I have any sort of background noise. It
really is that muffled/distorted.

In short, I think Yaesu has made a mistake somewhere with the FT-8500. I
like the way the FT-530 sounds; I have one.

Oh well. When I make the daul band mobile plunge, it isn't going to be
for a FT-8500.

Ken
--

Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

593. Re: Deep Inside, Duffy likes Radio Shack

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <40oc92$ba@ixnews6.ix.netcom.com>
Source record: 213881

In <140335Z11081995@anon.penet.fi> an297334@anon.penet.fi (Harry Viderci) writes:

> :)
>
Oh, this must of come from one of my "sick" ham friends.

Cute! - ;(

>To find out more about the anon service, send mail to help@anon.penet.fi.
>If you reply to this message, your message WILL be *automatically* anonymized
>and you are allocated an anon id. Read the help file to prevent this.
>Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

594. Re: Standard C508A Dual Band Micro HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: glennmead@aol.com
Message-ID: <40og33$6t5@newsbf02.news.aol.com>
Source record: 213882

I got rid of mine. The display and the faceplate
were too hard to read. I replaced it with an
ICOM w-31A, which I really like.

595. Cushman CE50 module wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: Rob Dover <rdover@cariboo.bc.ca>
Message-ID: <40o443$ocn@dub-news-svc-3.compuserve.com>
Source record: 213883

Hi all.
I am looking for a Spectrum Analyser option for a Cushman CE50A. If
you have one that you don't want or know of a junker somewhere, I would
appreciate a reply.

Thanks -Rob-
VE7EJE @ VE7RXD.#SCBC.BC.CAN.NOAM
RDover@cariboo.bc.ca

596. Re: Icom IC-24AT help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <40oida$7jp@nile.intac.com>
Source record: 213884

If you have the manual, schematics, and foil pattern drawings that came
with the radio, you have pretty much all you need to troubleshoot a poor
receive sensitivity problem. The very FIRST thing to check is the connection
to the BNC antenna connector. A very common problem with this radio is that
the tiny component, (I haven't checked in a while) a capacitor or inductor
that connects the center pin to the PC board breaks loose from the pin.
This is the most likely situation if the problem exists on both bands.
The next thing to look at is the first RF amplifier transistor which can
be found on the schematic and then the foil pattern.

The equipment you will need is:

a good VOM
a signal generator for 146 and 440 MHZ with a calibrated output level
so that you know what the _absolute_ sensitivity is, rather than a
relative level
the necessary hand tools needed to open and disassemble and reassemble
the radio.

Good Luck and good hunting

73's
Gary, WA2BAU

597. WTB: MFJ462B or 1214PC or PK232

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: jcscott@pacbell.com
Message-ID: <40nn3v$d9h@gw.PacBell.COM>
Source record: 213885
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment,rec.radio.amateur.digital,ca.wanted,ba.wanted

Hi Folks,
I am looking for an RTTY/Weather FAX/ CW demoudlator.

MFJ462B, MFJ1214PC, PK232 or ??

Please email to jcscott@pacbell.com or call 510-823-8626 (days)
or 510-837-3626 (evenings)

Jon

598. LAMBDA: Does anybody know

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: phil.heaton@totrbbs.radio.org
Message-ID: <11557.12.uupcb@totrbbs.radio.org>
Source record: 213886

MB> Hello, I just stumbled upon 2 power supply bearing the name Lambda,
MB> they have variable output from 12 to 14 vdc, at a very thight scale,
MB> (ie: you can easily get 13.69 if that's what you want),
MB> the units can give up to 20 amps. They are small in size, the same
MB> size as a normal kleenex tissue box, so if anyone can tell me if they
MB> are reliable, I'd appreciate it!

Lambda supplies are very reliable. Most of them are built for brute
strength and can take a lot of punishment. Do yourself a favor and mount
it in a metal cabinet. They don't get along well with RF!

Phil, KE4KRT

___ Blue Wave/QWK v2.20

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

599. Re: FT-840 vs IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: mtrail@violet.berkeley.edu
Message-ID: <40nugi$ip@agate.berkeley.edu>
Source record: 213887

Hi!
Since almost all the responses to this question have been
in favor of the 735, I thought I'd put a few words in for the 840,
which I have. It's a fine rig, with very good sensitivity, ease of
operation, if shift, etc etc. The reason you might think of it over
the 735 is one of new-rig reliability over the uncertainties of getting
a used rig. Unless you know and trust the source of the rig, you can
never be sure about the rig's history, and you don't have the luxury
of a warranty. Both rigs are fine, but given that the prices are
about the same, why not get a NEW rig for your money? I really don't
think you could go wrong with the Yaesu. Great service there too...
Good luck, and 73
Matt KN6CR

600. Re: ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: walt@lfs.loral.com
Message-ID: <40o1n7$1b1o@watnews1.watson.ibm.com>
Source record: 213888

In <40n0b4$1b0k@cadvision.com>, elekesa@cadvision.com (elekesa) writes:
>Would anyone know of any mods for the IC-Z1A HT?

The ICOM advertizements all have the internet address for ICOM. Send
them a note and they will respond with the software mods for you.
It worked for me!

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

601. Re: LAMBDA: Does anybody know their power supply???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: by668@FreeNet.Carleton.CA
Message-ID: <DDBLLp.HJr@freenet.carleton.ca>
Source record: 213889

Actually Lambda is a very good trademark,
I am very satisfied with mine!

Marc...

602. Re: LAMBDA: Does anybody know their power supply???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: by668@FreeNet.Carleton.CA
Message-ID: <DDBLp7.Hqr@freenet.carleton.ca>
Source record: 213890

Hello John, about the price I got them, do you think 15 each(canadian funds)
is good??? (I practically jumped on the guy!!!)

Marc...

603. Anted KW2000-A manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: jagg@globalone.net
Message-ID: <40omjt$95c@news.globalone.net>
Source record: 213891

I am looking for a KW2000A tramnceiver manual. I shall any reasonable price. Also if anyone know what happened to the company. Jag AA2LJ

604. Service Manual Help...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: depaul@spk.hp.com
Message-ID: <DDBEF2.GDs@hpcvsnz.cv.hp.com>
Source record: 213892

Hello.

I'm wondering if SAMs does their own service manual for the Kenwood series.

If so, do you know their phone number?

Thanks,

Marc

605. Re: HTX-202 and Customer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <40ocft$huj@ixnews7.ix.netcom.com>
Source record: 213893

In <40l3c0$b2o@feenix.metronet.com> copeland@metronet.com (Copeland)
writes:
>
>In article <93.3009.7583.0NFBAD59@woodybbs.com>,
clint.bradford@woodybbs.com
>says...
>>
>>Subject: Re: HTX-202 and Customer
>>
>>: >>The extended warrenty (sic) has to be the biggest ripoff...
>>
>>CLINT>> Tell us, please, how an extended service policy for an HT at
>>CLINT>> 12-15 bucks a year is a "ripoff." Consider parts AND labor
AND
>>CLINT>> shipping are included : in this package.
>>
>>>>>If you think the Shack puts out a bad transceiver, you should
>>>>talk to the vast majority, and not a Shack Basher...
>>
>>You're not replying to me - I've never bashed Tandy or Radio Shack on
>>this subject.
>>
>>Now then, if you want to trash Tandy and their proposed Family Radio
>>Service. . .that's another topic entirely.
>
>I bought a HTX-202 with warranty. Two months after purchase it blew up
>while I was on vacation. The Radio Shack policy is to repair unit in
>about a week. They bent over backwards, broke their rules, and traded
me a
>brand new unit so I could continue to have a radio during vacation.
>
>Now thats service.
>
Extended warranties are a rip off. Read the facts in Consumer Reports.
However, RS seems to be the exception. See, extended warranties are a
rip off when you buy them for quality manufactured goods. Typically,
the quality products do not fail and the retailers make out like
bandits.

With the RS products, the way they always seem to be "blowing up"
after you buy them, well you probably need the extended warranty.

606. Filters for the Ts-450s/AT ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <40ovpk$cin@newsbf02.news.aol.com>
Source record: 213894

I am a newbie so I hope someone can help me with this. I will soon(2.5 Months)be getting a Ts-450s/AT. In looking at the literature for it I noticed that an assortment of filters are available for it. What are they for ? Should I get some ? Which ones ?
Thanks !
P.S. I do plan to do CW operation.

607. ICOM IC-F30LT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: RKASSEL@news.delphi.com
Message-ID: <40okpo$g21@news2.delphi.com>
Source record: 213895

Just bought an ICOM IC-F30LT VHF Portable, 96 ch, 5 watt, scan, alpha display and lots of other goodies. If you have a need for a radio that does the HAM bands and commercial band, this is the radio for you. It costs a few hundred more than your average HAM portable but worth the money.

Thought you might like to know...

Bob
N2DMC

608. 2m + Business VHF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-14 00:00:00 UTC
From: pmalenfa@kitkat.webo.dg.com
Message-ID: <1995Aug14.212646.27291@us.dg.com>
Source record: 213896

Does anyone out there know of a 2m handheld that can receive and transmit both the amateur 2m band and the common frequencies used for VHF business radios (like the ones at RS)? The RS 2m radios only cover up to about 148 MHz, but the business radios are around 154 MHz. It would be nice to be able to do both instead of needing separate radios.

609. For Sale / Trade

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: djdave@fast.net
Message-ID: <40p068$3g1@nn.fast.net>
Source record: 213702

I have (4) 4x9 - 70ns PARITY SIMMs for sale or trade. Asking $450 for the bunch, but would consider a mobile or base 2m rig, or a base HF rig. I'll even cover
the shipping for the SIMMs (for the right rig).

For anyone in the NW New Jersey area, I have a ***free*** Antron 99 10m/CB base antenna with the ground plane radials. It's off the roof, and disassembled.
If you can use it, or know someone that can, email me and I'll let you know how to get here (or just look it up in the callbook).

73's
KB2KHF / KT

Email to DJDave@fast.net
or
David.Reiger@node99.com

610. Sony ICF-SW100E/S !

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: danchan@hk.super.net
Message-ID: <40p3mp$lcs@tst.hk.super.net>
Source record: 213703

Does anybody got some info/spec of Sony ICF-SW100E(S) model Worldband Receiver?

Please email to me!

Dan

611. Re: JPS' ANC-4 noise canceller

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: doughall@nando.net
Message-ID: <40p4o2$cte@parsifal.nando.net>
Source record: 213704

fedpress@omnifest.uwm.edu (Rick Kissell) wrote:

>Does anyone have any experience with this unit? Does it work at 50 MHz?

>TNX ES 73,

>Rick WB9GYT
>Milwaukee

Rick,
The ANC-4 works fine at 50 MHz. It has a maximum usable frequency of
about 80 MHz, so it covers the 6m band with no problems.

There's an ANC-4 FAQ on the JPS Web Page under the Amateur Radio
Products heading. The URL is:
http://emporium.turnpike.net/J/JPS/jps.html
Or you can request a copy via email to jps@nando.net

73,
Doug Hall, KF4KL
JPS Communications, Inc.

612. Bearcat 101

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: danjr@vixa.voyager.net
Message-ID: <40p723$q0h@vixa.voyager.net>
Source record: 213705

I am an antique radio collector who happened to come across an old Bearcat 101 programmable scanner for $2. I bought it. Now I am in a desperate search for a manual or any useful info on how to program it. I think it might use binary programming, but am not sure.

If anyone has any info they could send me, I'd appreciate it.

Tnx,
Dan Hicks, Jr., KB8UYZ
danjr@voyager.net

613. TSQ on 51r will not work thru a repeater???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: dd650@cleveland.Freenet.Edu
Message-ID: <40p9r2$100@usenet.INS.CWRU.Edu>
Source record: 213706

I am having a tought time figuring this out. I have got two 51Rs that
my wife an I use. It is important that both of us be able to set the radio
on monitor, but not have all the traffic opening the squelch. I have got the
CTCSS paging system to work fine on a SImplex channel, but can not get it
to work with a repeater. However, when I talk to another person "out there"
every thing seems to be working fine. Such that the test person receives my tone
just fine and it opens his squelch, and I receive his tone just fine which
opens my squelch, while other people xmissions are not passed thru.

Do I have somethign set wrong? Or what?? I am not sure which radio the other
guy is using, but I have switched the role between my two radios. THey just don't
seem to receive the tone from the other one, even though I am able to receive the
tone of somebody else on the freq??

Thanks for any suggestions!!

6
Drew
loker@tenet.edu

614. Info on Kenwood TR7800 manual needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: by668@FreeNet.Carleton.CA
Message-ID: <DDByxH.Dt3@freenet.carleton.ca>
Source record: 213707

Hello and thanks for reading,

I need a copy of the TR7800 2 meter mobile owner manual, service also
if availlable, I also need to know if it is possible to put the ctcss
tone encoder in it for repeater that uses a tone on the entry freq.

if you could provide one or all of the above, i'd be deeply grateful.

Marc...

615. JPS ANC-4 review (repost)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <40p9t0$5j6@bigboote.WPI.EDU>
Source record: 213708
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment

Below is a review of JPS ANC-4 Antenna Noise Canceller, written from a SWL/Ute. monitoring perspective, which I posted back in March. I'm re-posting it since there have been so many inquiries lately about this product. JPS also has a web page at:

http://emporium.turnpike.net/J/JPS/jps.html

which contains a lot of good information about the ANC-4. My only affiliation with JPS is as a satisfied customer.

Greg

==========

JPS ANC-4 ANTENNA NOISE CANCELLER (3/95)

Because of the success which I'd had with the JPS NIR-10 DSP, the product announcement for the ANC-4 Antenna Noise Canceller from JPS caught my attention right away. I purchased one shortly after placing a telephone call to Tom Jacks of JPS for additional details.

As Tom explained, the ANC-4 is not a DSP device. It is an RF device which connects between the receiver's antenna input and receiving antenna (using PL-259 connectors). A "noise" antenna is also connected the the ANC-4; consisting of either a small telescopic antenna or a short length of wire (both of which are supplied). The intent is for the noise antenna to be as responsive to locally generated noise as possible and as unresponsive to actual signals as possible; which is just the opposite of what the main antenna should do.

Inside the ANC-4, signals from the noise antenna pass through a phase shift network and noise amplifier, after which they are combined with signals from the main antenna in a hybrid combiner. Noise gain and noise phase controls on the ANC-4 are adjusted by the user so that the locally generated noise being picked up by the noise antenna is of equal amplitude to the local noise which is being picked up by the main antenna, but is 180 degrees out of phase from it. Thus, the noise is effectively cancelled out.

There is nothing magical about this process. Phase cancellation is definitely not a new concept, but JPS seems to have done a good job implementing it here. The first thing I noticed about the ANC-4 is that it is built like a battleship; weighing in at over 2 pounds despite its small size. (I figured out that my 16-pound ICOM R71 would gain an additional 10 pounds if it were of an equivalent density.) Most of the ANC-4's mass is in its heavy duty cabinet, which I'd guess is intended

to stabilize operation and minimize interaction with its surroundings.

As for performance, I've tried using the ANC-4 on a variety noise problems. In general, improvements have been most apparent on the strongest noise problems. Signals which had been completely covered became copyable. Nulling out lesser static sources where weak signals were still audible in the noise produced mixed results. About 3-6 db of receive signal is lost in the hybrid combiner, and the ANC-4 often introduces some low level noise of its own. These factors are negligible when tackling significant sources of interference; but with low level static problems, the attenuation and added noise from the ANC-4 may make weak signals more difficult to hear despite the fact that they are static-free. A preamplifier placed in the antenna line prior to the ANC-4 might be able to compensate for the loss in the hybrid combiner; as long as it didn't introduce artifacts of its own. I often find the NIR-10 DSP to be more effective on very weak signal static problems than the ANC-4.

Note that any noise introduced by the ANC-4 is not internally generated in most cases, but results from the fact that the noise antenna behaves as an active antenna and picks up whatever RF is present in the shack (signals, noise, etc.). The more noise gain which is required to null out the noise being picked up by the main antenna, the greater the magnitude of other (non-cancelled) RF from the noise antenna which gets introduced into the receive path. Intermod will be introduced as well if the noise gain is increased too far. (Again, when tackling strong noise problems, these effects are negligible in comparison to the benefits realized.)

In one instance, I had some low level electrical static in the 11 MHz range. It was not very noticeable when listening to SSB communications, and the effects of ANC-4 made the weakest signals more difficult to hear. But with the wider bandwidth of the AM mode, the static was quite apparent even on a reasonably solid S-6 broadcast signal. Activating the ANC-4 completely eliminated the static on the broadcast signal, making it much more pleasant to listen to.

The ability of the ANC-4 to null local noise does vary depending on the source. Sometimes a complete null is easily obtained, while other times it can be very elusive. Experimenting with the location and polarization of the noise antenna may be necessary in the more difficult cases. If the shack is exceptionally well isolated, the noise which is present at the receiving antenna may not be present in the shack for the noise antenna to hear. In this instance, locating the noise antenna outside the shack closer to the noise source may be helpful.

Conversely, if an indoor or inefficient receive antenna is being used, it's signal-to-noise pickup ratio may not be any better than that of the noise antenna. This could possibly compromise the ANC-4's effectiveness, but it's been giving me good results with just some random wires strung out the window for receive antennas. I also think the unit is best suited for use with a good quality tabletop receiver, rather than a less expensive portable. It includes automatic transmit-receive switching for use with ham transceivers as well.

Multiple, simultaneous noise sources could present another special challenge for the ANC-4, although Tom Jacks mentioned that a good degree of cancellation was usually still possible in these conditions. Locating the proper "null" setting on a noise source which is varying rapidly in intensity takes some persistence. I was experiencing interference from a TV horizontal oscillator in the 3-4 MHz range one night. The level was continually changing with the video image, but I finally found a halfway decent null setting. Some noise (probably from power lines) I only experience in wet weather. On one damp day, the noise first appeared in a very unsteady manner when it started drizzling. I wasn't able to null it out until the rain picked up and the noise became more constant. Perhaps during the initial period its phase and amplitude were both changing.

Sometimes my receiver's noise blanker can be just as effective as the ANC-4 in combatting certain types of electrical static, but there are many other times when the ANC-4 gets rid of stuff that the noise blanker doesn't even touch. I usually try the noise blanker first, since its operation is much easier. I also find that it is best to temporarily turn off the noise blanker while attempting to adjust the ANC-4, since the noise blanker's action may obscure the ANC-4's nulling effects.

Although the ANC-4 supposedly operates from 100 KHz to 80 MHz, I've had limited success using it in the AM broadcast band and below. It sometimes helps, but often I haven't been able to null static which the noise blanker handles easily.

When evaluating the ANC-4, it is important to listen for actual improvement in the quality of receive signals, not just noise cancellation. I occasionally found myself thinking I'd achieved some wonderful state of static cancellation, until I realized that most of the signals were no longer audible either. The manual warns that this may happen if the noise is not stronger in the noise antenna than it is in the main antenna. Turning the ANC-4 power switch off does bypass the unit as well, so quick "in/out" comparisons are easy to make.

The ANC-4 instruction manual is very straightforward and easy to follow; but with my inquisitive mind, I'd have preferred to see operational theory covered in greater detail along with a schematic diagram to complement the block and parts layout diagrams.

Overall, I'd say ANC-4 seems like a valuable tool for those experiencing severe local interference from power lines or appliances (including computers) which cannot easily be cured by other means. A DSP might still be a better choice for low level noise problems, but it's tough to say with certainty which device will work better in each specific circumstance. The ANC-4 does require a lot more critical "tweaking" than a DSP, and must be retuned every time a substantial change in frequency is made. This can make it a bit tedious to operate for someone who likes to jump around a lot all over the bands; but if the interference is severe, the effort is worth it.

616. Ham Radio Wanted...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: browne@en.com
Message-ID: <40p0mj$i6k@antares.en.com>
Source record: 213709

Im looking for a good starter portable radio for a new ham. Let me know whats on the market and what prices im looking at. Thanks alot@!

Mark Browne

please email responses... browne@en.com

617. Need O.A.R ADF-420 Manual & Scope

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: aglass@ix.netcom.com
Message-ID: <40pdqm$rb@ixnews2.ix.netcom.com>
Source record: 213710

I purchased an O. A. R. ADFS-320-405 Direction Finding Unit that
needs some work. I need an owners and shop manual to align the unit
and would be happy to pay for copies etc of your manual if you don't
want to part with it. Anything even close might help out. I also need
the scope tube for the unit. It's a B-Scan S159P1 tube. The one
that is in it now has a shorted screen grid but might be rebuildable.
If anyone has any experience with this kind of unit I would
welcome the E-mail and any suggestions about how to get these items
for the unit would be great as O.A.R. is no longer supporting this
model and doesn't even have a copy of the service manual.
Andy WD4MYL

618. Re: HTX-202 and Customer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DDCB1w.J4n@eskimo.com>
Source record: 213711

gamma7@ix.netcom.com says...
>>
>Extended warranties are a rip off. Read the facts in Consumer Reports.
>However, RS seems to be the exception. See, extended warranties are a
>rip off when you buy them for quality manufactured goods. Typically,
>the quality products do not fail and the retailers make out like
>bandits.
>
>With the RS products, the way they always seem to be "blowing up"
>after you buy them, well you probably need the extended warranty.
>>
I use my HTX-202 for packet, running about 12-16 hours a day, nearly 365 days a year for over two years. Never a minute's trouble. Do you suppose that's because I did buy the extended warranty? :-)

73, Bill W7LZP
wrt@eskimo.com

619. FS: Yaesu FT530 ht

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: umsnarr@cc.umanitoba.ca
Message-ID: <40paoo$fgs@canopus.cc.umanitoba.ca>
Source record: 213712

I am posting this article for a fellow ham in my area. Please Email me
for further information and exchange rates. -Gord.
Here goes:
For sale: Yeasu FT 530, In exc. working order. Has not been modifed or
tampered with. In factory condition. Comes with: 1-7V 600mA bat., 1-7V
1000mA bat.,Vox head set, wall charger, speaker mic. All in exc. working
condition. Firm price is $550.00 Can. + shipping. I can be contacted at:
PO Box 133 St. Adolphe MB. CAN. R5A 1A1 or by phone at (204) 257-7360
after 2300 UTC time (6 pm central).
.............73s.............de.............VE4LAR..(Larry)..
PS: $550 Cdn. works out to approximatly $405 US.

--
****
****** Gordon L Snarr, Amateur radio call VE4GLS, (UMARS & MRS member) ******
********** School of Agriculture Diploma Grad (1995) **********
****

620. FS: VHF Mobile Repeater and VHF Duplexer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: creal@nando.net
Message-ID: <40qajd$iit@parsifal.nando.net>
Source record: 213713
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

```
For Sale: Neutec VHF Mobile Repeater, Model SM-1645HS
- 45 watt, 16 channels (eeprom - no crystals)
- Scan and Priority Features
- Service manual, in very good condition

Manufactured by Ranger Communications this radio
is a current production model.

Asking $395 (plus shipping),

Res-Lok Duplexer, Model Q2220E
Tunable from 138 - 175 mhz.
Currently tuned for 148.325/150.100

Manufactured by Sinclair Radio Laboratories

Asking $240 (plus shipping)

Regards,

Rich Creal
```

621. Re: Wanted usenet info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: k2ph@dxis.monroe.pa.us
Message-ID: <DDCuJz.E6r@dxis.monroe.pa.us>
Source record: 213714
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

From article <40orqiknh1@mhadf.production.compuserve.com>, by David Solomon
<70353.403@CompuServe.COM>:
> Is there a usenet newsgroup for buying and selling ham equipment?

Yes, there sure is, David! Rec.radio.swap was specifically set up as the
correct place for buying, selling, and trading of radio and related equipment.
Rec.radio.amateur.equipment is specifically NOT the correct place for buying
selling, and trading of radio and related equipment. It is for the discussion
of production amateur radio equipment.

Maybe Jay should post the "Guide to the Personal Radio Newsgroups" once a week,
instead of once a month? 8^{)

73,
Bob K2PH

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+------------------ \-\-\-\ -----------------------------+
Bob Schreibmaier K2PH	INTERNET: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

622. Guide to the Personal Radio Newsgroups

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <radio/personal-intro_808498601@rtfm.mit.edu>
Source record: 213715
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.2
Archive-name: radio/personal-intro
Revision: 2.1 1994/11/01 03:50:23
Posting-Frequency: posted on the 15th of each month

This message describes the rec.radio.amateur.*, rec.radio.cb,
rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet
mailing list counterparts and complements. It is intended to serve as a
guide for the new reader on what to find where. Questions and comments may
be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at
jmaynard@admin5.hsc.uth.tmc.edu. This message was last changed on 31 October
1994 to add the discussion of non-Usenet mailing lists and streamline most
of the history discussion, and to change the moderator information for
rec.radio.info.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list
for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions
were held on the mailing list, and sent to the mailboxes of those who had
signed up for it. When the Usenet software was created, and net news as we
now know it was developed, a newsgroup was created for hams: net.ham-radio.
The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became
progressively higher. First one by one, and then as part of two
reorganizations, what was once one group became many. In the process,
developments elsewhere on the net were reflected in the groups as they were
created, most notably the change to place all of the ham radio groups in one
hierarchy.

The collection of newsgroups continues to grow as more people join the net,
and as more topics of discussion gain volume, I expect to see more groups be
created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the
notable exception being rec.radio.swap. There are also a few mailing lists
that don't have newsgroups.

The Current Groups
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It's important to post messages to the group that's appropriate for them,
and not to the groups that aren't. The whole idea of having different
```

newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec-radio-info@stat.com. Inquires and other administrivia should be directed to rec-radio-info-request@stat.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas.

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send email with the word "subscribe" on a line by itself to cq-contest-request@tgv.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to

dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

All of the following mailing lists are sponsored to the Boston Amateur Radio Club, as well as some others of local interest. Thanks to N1IST for the information.

qrp-l: This is the qrp mailing list, previously maintained by Bruce Walker at Think.com. It is for discussions about the design, construction, and use of qrp (low power) radios and related equipment.
arrl-ve-list: This is a one-way list, run by Bart Jahnke of the ARRL VEC, for announcements to VEs and VE teams.
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
fox-list: Fox hunting and Radio Direction Finding
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: amateur radio license examinations scheduled in the US and in some foreign areas.

To sign up or inquire about these lists, send mail to listserv@netcom.com with the following in the body (subject is ignored) of the message.
<listname> is the name of the list to subscribe to.
To subscribe: subscribe <listname>
To unsubscribe: unsubscribe <listname>
For more information: help
To post (to the two-way lists), send your message to <listname>@netcom.com

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
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Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while

still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
"All is strange and vague." "Are we dead?" "Or is this Ohio?"
-- Yakko and Dot Warner

623. Re: Wanted usenet info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40qfg5$ff6@news.ccit.arizona.edu>
Source record: 213716
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

David Solomon <70353.403@CompuServe.COM> writes:
>Is there a usenet newsgroup for buying and selling ham equipment?
>Thanks in advance for any information!
>73 de David KB2SDD
rec.radio.swap is primarily ham stuff, 'tho plenty of non-amateur toys as well.
Chris, N7RME

624. Kenwood TR-751E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: oddka@oslonett.no
Message-ID: <aC5CmCMBHCII071yn@oslonett.no>
Source record: 213717

I just purchased a used Kenwood TR-751E, 2m all-mode transceiver.
I've been looking through the radio mods archives of several ftp
sites without finding any reference at all to this radio.

Could this be the *perfect radio* ? Yes indeed, it *is* a great
performer! Some say, the best mobile multi-mode Kenwood has ever
made. It lacks bells and whistles, but it has all the basic
memories, scanning functions etcetera you expect from to-days radios
combined with GaAs FET rx performance and great audio.

Just wanted to tell... and wonder if there could be any mods or
undocumented features out there ?

-bob la8uu

+---+
! oddka@oslonett.no Odd K. Auestad !
! Radio: LA8UU 3070 SANDE, Norway !
! CompuServe: 100023,175 Tel: (+47) 33 77 81 89 !
+---+

625. Sony ICF-SW100E/S !

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: danchan@hk.super.net
Message-ID: <40q3ek$72q@tst.hk.super.net>
Source record: 213718

Does anyone has got info/spec/experience of SONY ICF-SW100S Worldband Radio?

If yes, please email to me!

Dan

626. Re: FT-840 vs IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: dpbaker@lilly.com
Message-ID: <1995Aug15.071629.5874@inet.d48.lilly.com>
Source record: 213719

I also have the FT-840. The receive section on the radio
is excellent. I would highly recommend it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

627. WTB memory module for FRG7700

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: mkelly@brisbane.DIALix.oz.au
Message-ID: <40q581$i2s$1@brisbane.DIALix.oz.au>
Source record: 213720

I wish to purchase a memory module for an FRG 7700.
If you have one for sale e-mail me here or at
vk4aok@tmxbris.mhs.oz.au quoting price.

Not being a large atricle it will mail easily from
most anywhere.

73. Murray Kelly. vk4aok

628. Re: boat anchors??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: rwilcox@newton.cacky.com
Message-ID: <DDCrzv.Csq@iglou.com>
Source record: 213721

```
Try sending mail to listproc@thepoarch.com with the message
Subscribe BOATANCHORS
```

629. Re: TSQ on 51r will not work thru a repeater???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: Ed@Ed
Message-ID: <DDCpE6.HFr@bocanews.bocaraton.ibm.com>
Source record: 213722

Drew. A lot of repeaters do not pass any of the tones. I think that since it works on simplex and not on the repeater might prove that. Ask around to see if there is a repeater in your area that will pass the tones.
73 Ed

630. Re: TSQ on 51r will not work thru a repeater???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <40qbtv$kkf@news.iadfw.net>
Source record: 213723

dd650@cleveland.Freenet.Edu (Drew Loker) wrote:

>I am having a tought time figuring this out. I have got two 51Rs that
>my wife an I use. It is important that both of us be able to set the radio
>on monitor, but not have all the traffic opening the squelch. I have got the
>CTCSS paging system to work fine on a SImplex channel, but can not get it
>to work with a repeater. However, when I talk to another person "out there"
>every thing seems to be working fine. Such that the test person receives my tone
>just fine and it opens his squelch, and I receive his tone just fine which
>opens my squelch, while other people xmissions are not passed thru.

>Do I have somethign set wrong? Or what?? I am not sure which radio the other
>guy is using, but I have switched the role between my two radios. THey just don't
>seem to receive the tone from the other one, even though I am able to receive the
>tone of somebody else on the freq??

>Thanks for any suggestions!!

>6
>Drew
>loker@tenet.edu

Most repeaters do not transmit CTCSS on THEIR output signals. Some
do. The repeater Owner has to enable this ability. If it is enabled,
CTCSS will be transmitted anytime the repeater is transmitting. I
think what you are experiencing is a repeater will very good audio and
it is merely passing CTCSS that another user is transmitting to the
repeater, thru to your radio, which is decodeing the CTCSS fine. If
this is the case, you will hear the station fine, with your CTCSS on,
but will not hear the repeater system ID if it is not transmitting
CTCSS. Some repeater systems have the ability to strip CTCSS of
incoming signals, so that they do not pass thru the system. Hope this
helps....73's Floyd Adams (WD5ENJ)

631. Re: 2 Meter + Business VHF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: barry@indirect.com
Message-ID: <40qhf7$3s5@globe.indirect.com>
Source record: 213724

In article <1995Aug11.173537.25538@us.dg.com>,
pmalenfa@kitkat.webo.dg.com (pmalenfa) wrote:
>Does anyone know of a 2 Meter portable radio that is capable of
>tx/rx on the frequencies used by the business VHF transceivers?
>I believe the business ones go from 152-158 MHz.
>It seems like they are so close that people who are licensed for
>both should be able to find a single unit that can do both.
>
Sure, a lot of them can be modified to go to the commercial bands.
But dont get caught. The fine is pretty stiff.

Barry Rose

632. Re: 2 Meter + Business VHF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <40qg56$o82@news.ccit.arizona.edu>
Source record: 213725

pmalenfa@kitkat.webo.dg.com (pmalenfa) writes:
>Does anyone know of a 2 Meter portable radio that is capable of
>tx/rx on the frequencies used by the business VHF transceivers?
>I believe the business ones go from 152-158 MHz.
>It seems like they are so close that people who are licensed for
>both should be able to find a single unit that can do both.
I agree completely that people should be so permitted. But it is
unlawful to transmit outside of the amateur bands using an amateur
radio. On the other hand, it is entirely within the rules to use a
radio Type Accepted for the commercial/public safety bands to
transmit on amateur frequencies. Generally this means spending lots
more money, and compromising on ease of programming. A few radios that
come to mind: Bendix-King ($$$!), Icom IC-H16, Yaesu (fergot the model).
I understand Motorola is bringing out a keyboard programmable line of
HTs as well.
Chris, N7RME

633. Re: Yaseu FT-411E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: 917461@bud.swin.edu.au
Message-ID: <40qicr$89k@lucy.swin.edu.au>
Source record: 213726

aja@ag.net (aja@ag.net) wrote:
: I have heard rumors that it can be turned into a cross band repeater
: by holding the rpt key while turning it on.. no luck.. anyone here
: been able to do it?

Given that the FT-411 is a single band radio, no it won't do cross band repeat...

Where the confusion has come from is that the FT-470, the 2m and 70cm dual band version of the same radio, WILL do cross band repeating. (Goes and gets radio to see if can remember how to do this. Pokes a few buttons...Finds answer...)

Yes indeed, you hold down the rpt key when turning on the radio.

More completely, you set up the two bands with the required frequencies, turn the radio off, then hold down the rpt key and turn the radio on.

(You can even set up a conventional repeater with offset on one band and then access it with a radio on the other band.)

The "low" symbol will show that the radio is now on low power for both bands and the "T", "SQ" and "+-" symbols will be flashing.

When ever the squelch is broken one either band, that band is made the secondary (right side of display) band and the transmitter for the other band is turned on. Low power is invoked on both bands to prevent overheating of an unattended radio.

I have seen on Packet a recommendation to use a lead to link the live (tip) from the speaker and the microphone jacks with a resistor, and indeed my radio included such a device when I bought it secondhand. This provides a direct path as otherwise the audio link is simply out of the speaker and back in the mike!

This function is not documented in the manuals and is not actually legal in Australia, however it may be legal in the States, you seem to be able to do a few things we can't, phone patches for example.

Have fun
Graham VK3TGW

634. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: paul.knowlton@totrbbs.radio.org
Message-ID: <11603.12.uupcb@totrbbs.radio.org>
Source record: 213727

```
-> Kantronics KPC-3 Packet Modem, manuals, cables... $200 obo

You're kidding, right? The KPC-3 sells NEW for about $120!

==========================================================================
Paul Knowlton, KE4GBS | "I accidentally zipped PKUNZIP."
Snellville, Georgia |
Advance Computer (770) 979-6857 |
paul.knowlton@totrbbs.radio.org |
==========================================================================

----
Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440
```

635. ar22 bell rotor desperately needed!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: gfp@docunet.mv.att.com
Message-ID: <DDCw5s.6A7@nntpa.cb.att.com>
Source record: 213728

plese respond asap to 508-960-6119. In N Andover ma during week:,
Princeton NJ during weekend 609-466-9458 WB2CPA Email
gfp@docunet.mv.att.com

636. Comments on IC-2340

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: lmann@myhost.subdomain.domain
Message-ID: <40qj23$lcf@bman.uucom.com>
Source record: 213729

I'm interested in hearing user comments on the IC-2340.

--

Lashley H. Mann II (Lee) lmann@uucom.com
UUcom Inc., 4921 Seminary Rd, Suite 107, Alexandria, VA 22311 703-824-1612

637. CODE FLASH CARDS WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: diva@america.com
Message-ID: <40qk41$d2d@enterprise.america.com>
Source record: 213730

If anyone has a set that they are willing to part with, or knows of someplace that I can purchase these, please e-mail me.

These flash cards were created to help children learn morse code with assistance of cartoons. They are very helpful for the right-brainers like myself and my husband.

Any help in locating a set of these cards will be greatly appreciated.

Thanks,
Diva

638. Kenwood TS850S VS Yaesu FT-990

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: M740166%SLVMA.PRofs@mdcgwy.mdc.COM
Message-ID: <199508151421.HAA03635@UCSD.EDU>
Source record: 213731

Mark Saunders, tracker@indirect.com, wrote that he would like
to hear from user of either radio with there views.

I also was between buying either rig, but I bought the Kenwood
TS-850S/AT about 3 years ago. I still don't know if I made the
right choice. I have not been able to play with the Yaesu FT-990
so I can not make a good comparison, but here are my views on the
TS-850S:

Things I don't like:
Noise Blankers - there is two, one for the "woodpecker" and one for
regular noise. I have not hear the woodpecker in over 4 - 5 years
so it is useless. The other noise blanker works, but not very well.
I think it was for car noise in a mobile not for home use.

Vox/Breakin CW Keying - During Breakin CW, you can hear a small
relay clicking away. It is annoying even with the headphones.
It you leave CW and go to SSB and forget (as I have several
times) the vox circuit is hot and keys the rig from the audio
that the mike is picking up. I just wonder how many times my
kids and xyl yelling has gone out over the air!

Tuning Rate - The tuning rate was too fast for me, I bought a
kits from International Radio that reduced the tuning rate by
four (a divide by four counter chip) which really was needed.

Things I do Like:
Soft setting of all functions - The TS-850S has a menu system
that allows you to set all parameters of each function view
a menu on the front panel. I like to run FSK 170 shift on
RTTY/AMTOR/PACTOR but 200 SHIFT on PACKET. I can change this
in a matter of seconds via the menu. On the FT-990 you have
to open the case and change a dip switch.

CW/RTTY - I bought this rig for RTTY mainly. I have a 400HZ CW
filter installed along with a 2.4 Narrow SSB filter. Who
every designed this rig had CW in mind. It works better then
any other radio I have had. On RTTY with the 400 hz filter
in the FSK mode I can copy everything. I have won the
Midwest division in the RTTY Roundup Low Power division (rig
only no amp) for the last 3 years with this rig.

Computer Interface - The TS-850S uses the standard Kenwood
command set to talk to the computer. It is simple, straight forward,
easy to use, and maybe a little slow, but all the contest software
has provisions for Kenwood equipment. You can download/upload

all the information in the 100 memories to a computer file. It is nice to have a backup of all that information.

Memories/VFO/Split Frequencies - The TS-850S has 100 memories, 2 VFO's and a 5 memory scratch pad. Each memory can be a full independent VFO. (there is a setting in the menu to make the memories either fixed, or variable). Split freq's can be stored in memories and you can split between bands, 160 receive/10 meters transmit.

Tone Encoder/10 meter FM - Yes it has both and works very well.

Comments on the FT-990. I still like the "Feel" and the looks of the 990 better. The tuning knob and the other controls have a much better feel. I also like the display on the 990 better, its amber lights reminds me of when real radios glowed in the dark. BTW the TS-850 is the first Kenwood radio I have owned. I have had 3 Yaesu's, FTDX-560, FT-101E, and FT757MKI.

I hope this helps and I would like to hear from other 850 and 990 owners with their comments.

Joe K0BX St. Louis MO.
M740166%SLVMA.PROFS@mdcgwy.mdc.com

639. Re: TSQ on 51r will not work

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: dgra@qmgate.ECi-esyst.COM
Message-ID: <n1403624206.11839@qmgate>
Source record: 213732

Drew:

Many repeater receivers filter-out anything below 300 Hz.
All of my repeater receivers have filters to remove any
user tone, otherwise it would mix with the tone that is
encoded by the transmitter, causing cancellation and
creation of other frequencies.

Dana Rodakis, AJ1R
Builder/Trustee

640. Re: Motorola radius question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: crobbinsnc@aol.com
Message-ID: <40r4id$h8@newsbf02.news.aol.com>
Source record: 213733

Jeff,

Depending on the age, the P-110 MIGHT go more channels. Some do, some don't. They made a 2 watt and a 4 or 5 watt depending on VHF or UHF. ALL RADIUS products except P-10, SP-10, P-50 are programmable

CARL
And I thought it was just ME having hard times!!!!!!!!!!!!!!!!!!

CARL

641. Re: 2 Meter + Business VHF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: crobbinsnc@aol.com
Message-ID: <40r4ij$h9@newsbf02.news.aol.com>
Source record: 213734

Most radios can be converted but the problem, Ham stuff in not generally type accepted on the commercial band. May look for Commercial that will go into ham to be better off on that part.

CARL
And I thought it was just ME having hard times!!!!!!!!!!!!!!!!!!

CARL

642. Re: TSQ on 51r will not work thru a repeater???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: tigger@jcomm.uoregon.edu
Message-ID: <40qrkv$4ro@maureen.teleport.com>
Source record: 213735

I am trying to get my parents to get their ham license. One of them is going to take the test today. I am also planning on taking both of their VISA cards shopping for two new FT-51Rs. Just out of curiosity, have you tried using the CTCSS on more than one repeater? If I were to look at this through the eyes of a troubleshooter, I would say that the repeater might be doing something to your tone as it passes through. The fact that the other guy you talked to recieved your tone may mean that the bandwith of his CTCSS recieve unit might be larger than those found on the Yaesu. Does it do this to all 23 tones? Repeters often take out tones that come in through the input freq. Or like I said, it might just be changing it just enough that your radio can't decode the tone. I think your best bet would be to find another repeater and try it on that, and maybe a few more if you are in an area where there are a lot of repeaters.

Best of luck

Max
N7NWG

643. Re: TSQ on 51r will not work thru a repeater???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <40qccn$kkf@news.iadfw.net>
Source record: 213736

dd650@cleveland.Freenet.Edu (Drew Loker) wrote:

>I am having a tought time figuring this out. I have got two 51Rs that
>my wife an I use. It is important that both of us be able to set the radio
>on monitor, but not have all the traffic opening the squelch. I have got the
>CTCSS paging system to work fine on a SImplex channel, but can not get it
>to work with a repeater. However, when I talk to another person "out there"
>every thing seems to be working fine. Such that the test person receives my tone
>just fine and it opens his squelch, and I receive his tone just fine which
>opens my squelch, while other people xmissions are not passed thru.

>Do I have somethign set wrong? Or what?? I am not sure which radio the other
>guy is using, but I have switched the role between my two radios. THey just don't
>seem to receive the tone from the other one, even though I am able to receive the
>tone of somebody else on the freq??

>Thanks for any suggestions!!

>6
>Drew
>loker@tenet.edu

644. IC751 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: eagle2861@aol.com
Message-ID: <40r77a$1b5@newsbf02.news.aol.com>
Source record: 213737

Anyone have any info on mic pinout fot the IC751?
If so please e-mail to: eagle2861@aol.com or eagle28@ix.netcom.com.

Thanks in advance,
Jerry

645. Re: TSQ on 51r will not work thru a repeater???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <40r9c2$o7t@nonews.col.hp.com>
Source record: 213738

Drew Loker (dd650@cleveland.Freenet.Edu) wrote:

: I am having a tought time figuring this out. I have got two 51Rs that
: my wife an I use. It is important that both of us be able to set the radio
: on monitor, but not have all the traffic opening the squelch. I have got the
: CTCSS paging system to work fine on a SImplex channel, but can not get it
: to work with a repeater. However, when I talk to another person "out there"
: every thing seems to be working fine. Such that the test person receives my tone
: just fine and it opens his squelch, and I receive his tone just fine which
: opens my squelch, while other people xmissions are not passed thru.

The repeater is probably filtering out the CTCSS tones. Many do.
But the filtering is not perfect, so some tone may still get through
which can cause the scheme to work on some radios and not on others
(the tone deviation on one trasmitter may be set a bit higher and
just enough tone squeaks through). You might try moving up in
CTCSS freq since that's where the filtering is usually the weakest
(say 270 Hz).

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

646. Re: Atlas Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: loul@ihgp2.ih.att.com
Message-ID: <DDD4uo.6FJ@ssbunews.ih.att.com>
Source record: 213739

In article <9508091528.aa16982@fsac3.pica.army.mil>,
Clark Fishman, FSAC <cfishman@fsac3.pica.army.mil> wrote:
>Has anybody out there ordered and received an Atlas 400X transceiver ??
>
>One of my friends ordered one over 2 YEARS ago and still has got nothing.
>
>He has called Atlas and got no answer lately... Is this a real
>
>radio or a dream (nightmare)
>
>
>All answers are appreciated
>
>Clark Fishman WA2UNN cfishman@pica.army.mil

In the 1970's there was an Atlas Company that made some real nice equipment.

However, I recently read or heard there was some "bogus" Atlas Company out
there that people were having problems with...perhaps someone can fill us
in here??

--
==========
Louis Leciejewski - AT&T Bell Labs - loul@ihgp.ih.att.com - WB9DKY
==========

647. Re: Kenwood TM742A Corrected Mod!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: paidukas@harris.com
Message-ID: <40qqtq$rhf@hearye.mlb.semi.harris.com>
Source record: 213740

Here is the Correct mod for the Kenwood TM742A DC to light mod:

>Newsgroups: rec.radio.amateur.equipment
>From: garym@alsys.com (Gary Morris @ignite)
>Subject: TM-742A/942A extended transmit mod
>Message-ID: <CHsIDA.8E7@alsys.com>
>Keywords: mod, 742A, 942A, Kenwood
>Organization: Alsys Group, San Diego, CA, USA
>Date: Thu, 9 Dec 1993 22:55:53 GMT
>Lines: 61

TM-742/942 Extended TX/RX Modification
ASI-0002, Feb. 23, 1993

This is a summary of the modification provided by Kenwood to expand the transmit/receive ranges for the TM-742/942 tri-band radio. The sheet is ASI-0002, subject "TM-742/942 Beyond Mars/CAP Mod. Guide" and date "February 23, 1993". The actual ranges of what the radio will transmit are wider than what is stated in the table below.

Note: this mod involves desoldering and resoldering chip resistors, if you are not an expert in soldering chip components, get an expert to do this for you.

1. Remove the front panel.
2. Remove the bottom cover from the radio.
3. Looking at the exposed bottom of the radio, orient it so it matches the diagram below.
4. Move the three chip resistors as shown in the diagram. The numbers "1" thru "8" represent the positions of the 8 chip resistors in the original positions from the factory for U.S. radios. The "x" is an empty pair of pads where the numbered "4,7,8" resistors should move to.
5. Reassemble the radio and reset the microprocessor (see manual).
6. Frequency ranges will be:

28 Mhz band: RX: 18.0 - 54.0
TX: 26.0 - 45.0

50 Mhz band: RX: 40.0 - 90.0
TX: 46.0 - 76.0

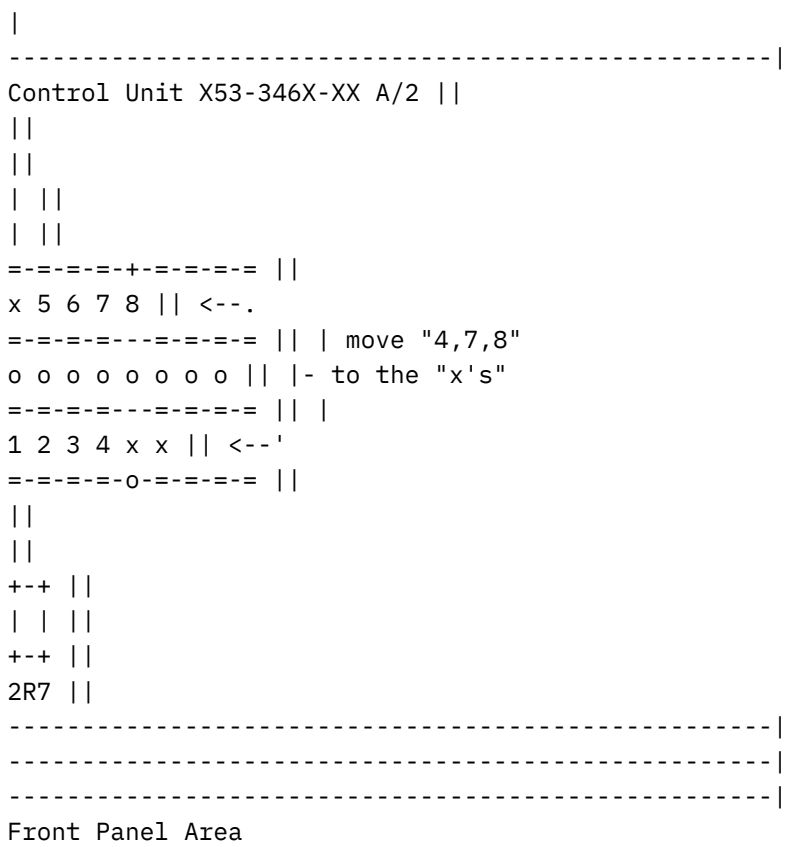
144 Mhz band: TX: 136.0 - 174.0

220 Mhz band: RX: 215.0 - 260.0
TX: 215.0 - 235.0

440 Mhz band: TX: 420.0 - 450.0

1.2 Ghz band: RX/TX: 1100 - 1400

Notes: not all radios will be able to tune the entire range.



END

648. Re: ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: cisppl@ag.state.id.us
Message-ID: <40r54u$2mq@news.cis.nctu.edu.tw>
Source record: 213741

Any chance that you could actually post the e-mail address that you used to
get all those neat software mods for the Z1A, or is that simply a pipe dream
of mine and all reading this?

In article <40o1n7$1b1o@watnews1.watson.ibm.com>, walt@lfs.loral.com says...
>
>In <40n0b4$1b0k@cadvision.com>, elekesa@cadvision.com (elekesa) writes:
>>Would anyone know of any mods for the IC-Z1A HT?
>
>The ICOM advertizements all have the internet address for ICOM. Send
>them a note and they will respond with the software mods for you.
>It worked for me!
>
>Walt Johnson N3385L
>KB2UOU Cessna A185E
>Loral Federal Systems Group EDO 2790
>Owego, New York 13827 The comments expressed
>waltj@lfs.loral.com above are my own and do
>(607-751-2158) not reflect the position
>FAX(607-751-6223) of the Loral Corporation
>
>
>
>

649. TS 850S/AT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: tuck@europa.com
Message-ID: <tuck-1508951842590001@worm.europa.com>
Source record: 213742

Sometime ago, there was a letter in QST describing how to make the ATU in
a TS 450S operative in both receive and transmit to improve reception.
Does anyone have a similar mod for the TS 850S/AT??

650. Re: ar22 bell rotor desperately needed!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: Frank Donovan <donovanf@jekyll.sgate.com>
Message-ID: <Pine.OSF.3.91.950815230914.21863C-100000@jekyll.sgate.com>
Source record: 213743

Suggest you try:

Norm's Rotor Service
5263 Agro Dr
Frederick MD 21701
301-874-5885 M-F 0800-1700 local

On Tue, 15 Aug 1995, guiness.mv.att.com!gfp wrote:

> please respond asap to 508-960-6119. In N Andover ma during week:,
> Princeton NJ during weekend 609-466-9458 WB2CPA Email
> gfp@docunet.mv.att.com

651. Re: Any HTX-202 modfications available?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: Ed@Ed
Message-ID: <DDDJqz.7G8@bocanews.bocaraton.ibm.com>
Source record: 213744

In <40mibl$k5a@molas.frontier.net>, Mark Latham <markl@frontier.net> writes:
>I am looking for any modfications to the 202 that are available. Please
>send them or let me know where I could find them please. mark KB6TWZ

THERE ARE NONE !

Duct tape a scanner to the back :-)

Ed

652. Re: Wanted usenet info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: "Chris M. Bridges" <n4fan.vnet.net>
Message-ID: <40p05m$ooj@mindy.vnet.net>
Source record: 213745
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

```
rec.radio.swap

--

Chris M. Bridges
>>>>>N4FAN<<<<<<
n4fan@vnet.net
```

653. Wanted usenet info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: David Solomon <70353.403@CompuServe.COM>
Message-ID: <40orqiknh1@mhadf.production.compuserve.com>
Source record: 213897
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Is there a usenet newsgroup for buying and selling ham equipment?

Thanks in advance for any information!

73 de David KB2SDD

654. Re: Wanted usenet info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <808460787.12656@pinetree.microserve.com>
Source record: 213898
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

David Solomon <70353.403@CompuServe.COM> wrote:
>Is there a usenet newsgroup for buying and selling ham equipment?
>
>Thanks in advance for any information!
>
>73 de David KB2SDD

rec.radio.swap

73, Jack WB3U

655. Re: Wanted usenet info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: rwilkins@ccnet.com
Message-ID: <40pddb$d3r@ccnet2.ccnet.com>
Source record: 213899
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

David Solomon (70353.403@CompuServe.COM) recently wrote
in <40orqiknh1@mhadf.production.compuserve.com>:

: Is there a usenet newsgroup for buying and selling ham equipment?

read rec.radio.swap

Bob
--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94712-2354 play n6fri@n6eeg.#nocal.ca.usa.noam

656. Re: Icom 751a: opinions wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: Joseph Martin Fitter BV/N0IAT <fitr%mimi@magic.itg.ti.com>
Message-ID: <40plll$rm9@tilde.csc.ti.com>
Source record: 213900

I've used an IC-751A for about 4 years now. After doing a side-by side comparison (field day / cw dx contests), I opted for the 751A over the 735. While the 735 is a good solid rig, I found the following to be better on the 751A:

Filters: the 751A has filter cascading and uses dual-if filters.
Power: the 751A loafed along driving the L4B amp with no heating prob.
Meter: the 751A had a bigger front-panel meter
Rcvr: I've found my 751A to be nearly bullet-proof in high RF environs. Also, the passband tuning is circa Collins era and is excellent. In fact, ICOM got into trouble and hence had to modify the circuit in the 735 and 761 to avoid a patent lawsuit. (so I'm told)

I DO have a couple complaints though as follow:

1. Memory and CPU data is stored by lithium battery (not newer eprom technology). Hence, when the battery dies, so does the rig. It requires a trip to the repair shop to replace the battery and reprogram the volatile RAM. Thankfully, mine has yet to die! I'm living overseas, so repair wont be easy if it does go south. I am now investigating the "aftermarket" eprom boards that install inside the rig...the data is burned in the eprom so once you replace the board you never worry again, and at about 100 bucks its cheaper than a trip to the factory!

2. After 1 month, mine developed a quirk. Sometimes, when mode-changing from SSB to CW, the VFO would not lock. A trip to ICOM Service quickly fixed the problem in warranty at no charge...it was a bad crystal that controlled the CW lock. Icom service was so good, in fact, that I had the rig back before I got the little "your rig was received by the repair center" card! Amazing.

3. QSK on the 751A is not "superb". It is good, but the VFO CPU does not lock fast enough to do a lot of split-band / split mode high-speed QSK. This only effects me if working split on 40 meters above about 40 wpm. At that speed, the CPU wont lock fast enough and the first dit of the characters becomes very short. On same-band split (when working most DX) the rig performs very well.

All in all, I'd buy one again. I also use a Yaesu FT-890, Alinco DX70, and have had an FT-1000 and a TS-440. Still like the Icom best.

73 Joe

BV2/N0IAT in Taipei, TAIWAN R.O.C.

Ex 7J1AOF Ex KA0ZDH Ex. YU3/N0IAT
Licensed Radio Amateur since 1986

657. I buy a radio...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-15 00:00:00 UTC
From: matjoao@ci.ua.pt
Message-ID: <40oopa$jsr@titan.ci.ua.pt>
Source record: 213901

Hi...

I'm new on this stuff. I'm waiting my caller sign and I need to
buy a radio. I'm searching for RIG and for a table radio.

Who is interested to sell? Make your offer!

Tks...

Greetings,
Joao

--
Greetings,

Joao Martins

+---+
Joao Martins	E-mail: matjoao@zeus.ci.ua.pt
operating from	Fidonet: 2:361/4.8
Universidade de Aveiro	Lusonet: 16:16001/3.8
+---+

658. Recommendation on 220 HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.3277.7583.0NFBADEF@woodybbs.com>
Source record: 213652

Subject: Recommendation on 220 HT?

>>I need to pick up a 220 HT before Labor Day.

I wouldn't give up my Standard C288As for anything. Outstanding performer. You'd be remiss if you didn't consider the Standard in your short list of HTs to consider.

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details BBS - 909/681-6221 - EFF/AOP/ASP

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

659. Re: Motorola radius question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: ricks@Direct.CA
Message-ID: <40ribn$n5@grid.Direct.CA>
Source record: 213746

corey@mcs.com (jeffcorey) wrote:

>Does anyone have the specifications on the Motorola Radius p110 UHF radio?

No, sorry.

>I have a 2 channel radio and was wondering if :

>1) It is programmable or XTAL

Programable with "RIB" box and cable and software.

>2) wattage,etc

Programable as well. Generally 5 watts for VHF or 4 watts for UHF.

>3) can you modify it for more channels?

Yes, but I don't think Motorola likes people doing it.

>4) In a related subject, I understand the HT-600/Radius 200 radios
>can be easily modified for 6 channel operation. How do you remove the knobs
>or escutcheon to gain access to the pin you need so the channel switch can rotate to the
>other positions?

You grab the knobs and pull them off. They are friction fit. Some
are very strong. To remove the panel, you just lift it with a screw
driver or knife. It is glued on. If you are careful and don't crease
it, you can then just lay it back down and it will stick.

>Thanks,

Your welcome.

>Jeff WB9KAZ

****
*Rick Streifel *
*Al Scott Lock & Safe Ltd. *
*St. John Ambulance Brigade *
*internet: ricks@direct.ca *
*packet radio: ve7abw@ve7rob.#vanc.bc.can.noam *
****

660. Re: need info;hf digital voice

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: davew@cruzio.com
Message-ID: <DDDs8s.CHA@cruzio.com>
Source record: 213747

In article <40iq2m$a52@ixnews2.ix.netcom.com>, fiscon@ix.netcom.com (William Rice) writes:
> I'm interested in HF digital voice comunications. Does anyone know of a
> good reference or have any experienc in this area?
>
> Thanks in advance.
> David Panek KE4MLV

Are you referring to sending .wav files over digital modes? I know this can be
done. Or do you mean in realtime?

.

--
Dave Wells KD6TO; INTERNET: davew@cruzio.com
Packet:KD6TO@K6LY.#CENCAL.CA.USA.NOAM; COMPUSERVE:74067,1755
(WA4UQQ Worldwide Amateur Radio Directory III KD6TO)
.

661. Re: TSQ on 51r will not work thru a repeater???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <40rgp5$ad6@ccnet2.ccnet.com>
Source record: 213748

dd650@cleveland.Freenet.Edu (Drew Loker) wrote:
>
>I am having a tought time figuring this out. I have got two 51Rs that
>my wife an I use. It is important that both of us be able to set the radio
>on monitor, but not have all the traffic opening the squelch. I have got the
>CTCSS paging system to work fine on a SImplex channel, but can not get it
>to work with a repeater. However, when I talk to another person "out there"
>every thing seems to be working fine. Such that the test person receives my tone
>just fine and it opens his squelch, and I receive his tone just fine which
>opens my squelch, while other people xmissions are not passed thru.
>
>Do I have somethign set wrong? Or what?? I am not sure which radio the other
>guy is using, but I have switched the role between my two radios. THey just don't
>seem to receive the tone from the other one, even though I am able to receive the
>tone of somebody else on the freq??

I guess you have heard from enough people that have said that not all
repeaters pass PL tones. Some do pass it. Some strip it off. And some
strip it off and generate their own.

Perhaps it is just the audio response of the repeater.

You said it works on simplex - your radio is sending the tone with enough
deviation to open the squelch on your wife's radio.

You said it does not work thru the repeater to your wife's radio - the
low frequency CTCSS tone may be attentuated through the repeater and the
deviation is too low to open her tone squelch - this is quite possible.

It worked through the repeater to someone elses radio - that person's
radio may be capable of decoding CTCSS at lower deviation.

Typically, CTCSS tone is at about 500 HZ deviation. Many newer radios
can handle it lower than that - but probably not much lower.

--
Curtis Wheeler - Pleasanton, CA

662. Re: CODE FLASH CARDS WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: atanner <atanner@infi.net>
Message-ID: <40rl70$bot@allnews.infi.net>
Source record: 213749

I'd say gin up a set using a good graphics editor and a laser printer.
But that is not the way to learn code, even for young kids. It has to
be a 'hear it write it' reflex thing. There is no time when copying
code to visualize a flash card or a chart, etc.

de Alan, WB6THE

663. RC-1000 controller questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: steinr@holmes.ece.orst.edu
Message-ID: <40ro8o$3jm@engr.orst.edu>
Source record: 213750

I was planning on purchasing an RC-1000 repeater controller for use in a GE Mastr II UHF application. Does anybody have any opinions on this controller, good or bad? Or are there better controllers for the same price?

Thanks for any help offered.

--

____
Ray Stein *** Oregon State University ***
steinr@ece.orst.edu *** Dept of Electrical Engineering ***
N7RET *** http://www.ece.orst.edu/~steinr ***

664. Re: TSQ on 51r will not work thru a repeater???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: mcduffie@unlinfo.unl.edu
Message-ID: <40rn4b$ap@crcnis3.unl.edu>
Source record: 213751

Ed@Ed writes:

>Drew. A lot of repeaters do not pass any of the tones. I think that since it
>works on simplex and not on the repeater might prove that. Ask around to see
>if there is a repeater in your area that will pass the tones.
>73 Ed

I was going to respond with a similar comment. However, after reading
his post several times, it became a real mystery. Remember (and you
apparently missed this), he was able to have someone else (besides his
wife) trigger his receiver VIA THE REPEATER, and he was able to
trigger the other person's receiver. I had originally thought that
since most repeaters either purposely don't pass pl, or just pass it
so poorly that it won't work, maybe the other person's pl was very hot
and forced its way through. However, that is negated by the fact that
HE was able to use HIS ht to trigger the other one. The only one that
doesn't seem to work is the path between him and his wife, either
direction.

I'm curious to see what the outcome of this is :)

73, Gary

665. FT290R MKII opinions, please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: SFOCQG@ncal.kaiperm.ORG
Message-ID: <199508160602.XAA21672@UCSD.EDU>
Source record: 213752

If anyone out here has any strong opions about this rig please let me know
about them. I'm looking for something I can take camping and also hook up to
an amp to use as a modest base radio. Please e-mail direct as I am a digester.
Chris
KE6EHE

666. **** VINTAGE MILITARY FOR SALE ****

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: davidst1@aol.com
Message-ID: <40rul3$aoc@newsbf02.news.aol.com>
Source record: 213753

NOTE: Posting for a friend. Please do not reply to me.
Call Henry at the number below. Thanks.

I've recently done some business with Henry Engstrom, KD6KWH.
He has been helpful, dealt fairly and shipped promptly.
Here are some of the goodies Henry has available. He has no
internet access, no fax-- just a low tech telephone. Please
call 8AM to 6PM Pacific time. I don't get a cut or anything--
just doing it as a favor since he found me some
really tough-to-get stuff.
DLS

Henry Engstrom, KD6KWH
P.O. Box 5846
Santa Rosa, CA 95402
(707)544-5179

Command Set Components
ARA/ATA
Receiver: CBY46129 .19 to .55 MC, excellent $40
Receiver: CBY46106 6-9.1 MC, with dynamotor, NOS $60

AN/ARC-5
(2) R-23 Receiver: .19 to .55 MC, G-VG $25
R-26 Receiver: 3-6 MC VG $30, F-G $22
T-20 Transmitter 4-5.3 MC, VG-E $30
MT-69 Rack $30
MT-7/ARR-2 Rack $25
C-38 Control Box VG $15
C-48 Control Box VG $15
C-744 Control Box VG $8
J-16 or J-22 Jack Box $15

SCR-274N
BC-453 .19-.55 MC Receiver VG $30
BC-454 3-6 MC Receiver VG $35
BC-454 3-6 MC, good ham modification $25
BC-456-E Modulator, no dyno VG-E $60
FT-233 one receiver Rack $35
FT-234 one transmitter Rack $30
FT-226 two transmitter Rack, missing rear cover $30
BC-442 w/shock mount and connector and vacuum cap $40
BC-442 w/o mount or connector $30
BC-473,944 and 496 control boxes $15 each

Other Items Available:
TCS-14 Antenna Loading Coil E $28
LM-14 Freq Meter, LM-18 power supply, all cables,
mounts and manuals, Excellent Plus, $40
R-5/ARN-7 Receiver w/control box C-4 and C-4/ARN7 NIB mount $95
ARB Receiver, CRB46151 W/operators control box, power cable,
dynamotor, Excellent $145
TM-211 Terminal Box for Jeep Radio BC-659/620 $15
ME-73 alignment tools for BC-659/620 W/manual TM11-318 $40
J-37 CW Key for ART-13 $20
BG-185 canvas bag for BC-659/620 rx/tx NOS $37
BC-100 battery cable NOS $8
MT-28/ARN-5 receiver mount $12
ART-13 LF Osc. assembly, missing corrector and lock knobs $12
ART-13 8Q2 CF1 Crystal Calibrator $12
ART-13 CU-24 shunt capacitor $40
ART-13 Antenna Tuner connectors U11,12 $15
ART-13 A-58 Phantom Antenna E $75
Connectors for Command Set, TCS, RU/GF, RBM, others. Call.
Control boxes/ acces. for ARC-4, SCR-522, PRC-25, PRC 8-10 Call
Dynamotors for ARC-5, TCS, APS-13, BC-603/683, BC-733, BC-312 Call
BG-175 bag for GRC-9 generator, F $6
Many headsets, mikes and parts for military rigs. Call

667. Galaxy 5 Manual/Schematics needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: dswiger180@aol.com
Message-ID: <40rscp$9tc@newsbf02.news.aol.com>
Source record: 213754

I need the users manual and schematics for a Galaxy 5 tube type transeiver. This was a popular rig in the late 60s/70s. Any help would be appreciated.

TIA
Dan Swiger
WD6DUY

668. Re: For Sale / Trade

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: chris <chris@enter.net>
Message-ID: <40rs6a$rt1@dns.enter.net>
Source record: 213755

i'M INTERESTED ON THE ANTENNA! SEND ME EMAIL AT chris@enter.net

Chris

669. Re: FT-8500 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: bgt@thomascomm.com
Message-ID: <40s2b7$hj6@news1.deltanet.com>
Source record: 213756

>The transmitted audio on these radios (at least the three I've heard)
>has absolutely SUCKED. It is very bass sounding and muffled, bordering
>on distorted. I'm not impressed by this and wonder why a radio that
>costs as much as this sounds so cheap.

Yaesu has a mod to fix this. As with all new designs theres sometimes bugs
to work out. The audio seems to be echoing around inside the "pickel" making
it bassy. I sent mine in to Yaesu and they fixed it at no charge. On air reports
say it's 100% better and sounds great.

With the new mike comming out for the 8500 there wont be this problem as it
is not as big and hollow as the "pickel". It's standard size.

73's
-Brad

670. Re: Is 30 watts too much for a homemade Jpole?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: sffuom@frog.thpl.lib.fl.us
Message-ID: <40s3ju$oo8@mother.usf.edu>
Source record: 213757

BRETSKI (bap@storm.atms.purdue.edu) wrote:

: I made a Jpole out of ladder line as per article I have (I think
: from QST). It works well on my 5 watt 2 meter HT but I now have
: a 30 watt AMP. The booklet says that it requires a high ouput antenna.
: My DISCONE is ok since it can do 200 watts. Would this AMP destroy
: my Jpole or somethimg else?

: BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
: CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
: bap@storm.atms.purdue.edu / speaking only for myself.
: /\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\
Bret:
Probably 30 watts are right on the edge... Try it and if the wire heats
up at all it's too much.

You can build a J-pole out of 1/2" copper tubing for about $10 that will
handle kilowatts... CQ has periodic articles about them, they sometimes
call 'em copper cactus antennas.. I can build one in about a half hour
using just a tubing cutter and a propane torch.. And, they have some
gain!
Arjay, N3LKZ

671. building a strength meter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: charlie@netdepot.com
Message-ID: <charlie-1608951641300001@ganymedeh9.netdepot.com>
Source record: 213758
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment,rec.radio.amateur.misc

Where can I get plans to build a CB signal strength meter? Or where can I get one for under $20? email (charlie@netdepot.com) or a post appreciated.

672. Re: ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: baptpdc@netcom.com
Message-ID: <baptpdcDDE8Ix.M0K@netcom.com>
Source record: 213759

elekesa@cadvision.com (elekesa) wrote:

>Would anyone know of any mods for the IC-Z1A HT?

> Thanks
Here's a repost of the Z1A mods:

Ok, after messing around with the radio on my own and then getting the
"official" mod, here's a summary of the various diode mods for the Z1A:

Icom Z1A mods

[B]+[#]+[POWER] = Extended Receive.
VFO *DISPLAYS* 50-299.900 and 300-999.900.
AM Aircraft band enabled.
SET mode now has a new "PLACE" function for setting
the direct entry starting digit.

There is room for four diodes in the Z1A located on the CPU board to the left
of the ribbon cable connector. On a US version, only the bottom two are
installed. D15 is just below and to the right of the four diodes. These
diodes are bigger than the rest of the surface mounted components and are easy
to spot.
The official ICOM mod (which I unofficially saw...) is to remove D15 for
extended TX and to use the above keyboard mod for extended receive. According
to the sheet, the 800-900 band is NOT available in US versions.

```
+-+ +-+
| | | | <---- Installing diodes in either of these seems to do
+-+ +-+ nothing.

+-+ +-+
| | | | <---- IN: US Version 144-148 TX 440-450 TX
+-+ +-+ OUT: Extended 136-174 TX 380-470 TX (Lose auto-repeater
^ and tone encode)
|
+------------ IN: US 144-148 TX 440-450 TX
OUT: European 144-148 TX 430-440 TX

+-+
"D15"--> | | <---- IN: US Version Stock
+-+ OUT: Extended TX 136-174 380-470 (keeps auto-repeater
and tone encode)
```

A word of warning about messing with the four diode pads: If you detach
either one of the installed diodes, the CPU will reset and you'll lose ALL of
your memories. (found that out the hard way...) D15 doesn't seem to affect

the memories at all.

Since the 800MHz band is not available in US versions, my guess is that there's a keyboard mod to unlock it instead of a diode. The diodes only seem to control the country versions. If anyone has any more keyboard mods, please post them.

Bruce KD6ALI

673. Hull 5150 SSB transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: spearce@ccu1.auckland.ac.nz
Message-ID: <40smj8$24po@thebes.waikato.ac.nz>
Source record: 213760

Hi.

I recently acquired on loan a Hull 5150 SSB Marine HF Transceiver.
Unfortunately it did not come with a manual.

It has an rs232 type connector at the back as well as an accessory sockets. The front panel contains a 16 key pad , a lcd frequency display, and a tuning and mode knobs.

I would like to know the protocol for the rs232 connector, and also how one can control the rf gain on both transmit and receive in this device.

I would very much appreciate hearing from anyone with experience or information on the rig

Thanks
Stephen Pearce

674. Re: Icom 751a: opinions wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: tuomi@cc.lut.fi
Message-ID: <DDEK72.E63@lut.fi>
Source record: 213761

Joseph Martin Fitter BV/N0IAT <fitr%mimi@magic.itg.ti.com> writes:

>All in all, I'd buy one again. I also use a Yaesu FT-890, Alinco DX70,
>and have had an FT-1000 and a TS-440. Still like the Icom best.

>73 Joe

Yes. IC751A is vy good rig. I agree with Joe.
There has been some tests abt the rig and the results have been
suberb. We are also tested 765 and 751A and we didnt find any
big differences, both are very good.

We have to remember that model 751 is not same as 751A which has
better rx (same as in IC-R71 ?)

Pasi, OH3NPS, OH5NPS

Phone: 953 - 4127 400 Addr. Pasi Tuomi, OH5NPS
GSM: 940 - 5041 833 (The most usefull.) Liesharjunkatu 2 E 37
Internet: tuomi@lut.fi WWW: http://www.lut.fi/~tuomi/ 53850 Lappeenranta
x.400: /G=Pasi/S=Tuomi/O=lut/ADMD=fumail/C=fi/ Finland

675. Re: FT-840 vs IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: sgray@news-server
Message-ID: <40sqtc$iv1@nuclear.microserve.net>
Source record: 213762

ANDRES MARTINEZ (amnet@ix.netcom.com) wrote:
: I'm undecided between buying a new Yaesu FT-840 and the ICOM IC-735
: which I can find used for about the same price ($800).

: They both have Gen.Cov. Receiver and dual VFO. I'm concern about
: reliability and signal clarity on the air.

: Which one do you think is a better choice ?

I would not vote in favor of the Icom 735. I had one for a couple of years, and was *never* impressed with its receiver. The 735 design seemed to incorporate a great deal of synthesizer noise, resulting in a poor noise floor (making weak signal reception difficult) and what I perceived as a poor dynamic range.

In addition, I came to hate the little slide pots under the front cover: difficult and touchy to adjust.

Personally, I would recommend against the Icom 735 (and the Kenwood 140s as well, for what it's worth).

Good luck!

---Steve Gray
nr3b

676. Re: ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: walt@lfs.loral.com
Message-ID: <40spnv$kh2@watnews1.watson.ibm.com>
Source record: 213763

>>The ICOM advertizements all have the internet address for ICOM. Send
>>them a note and they will respond with the software mods for you.
>>It worked for me!
>>
I didn't have an advert at hand when I first responded. Looking at a
current ICOM ad, they advertize their internet address as:

75540.525@compuserve.com

This address was sufficient for me to ask for and get the software mods
for my IC-W31A in June of this year. This beats a technical support hot
line hands down in my opinion.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

677. Re: Icom 751a: opinions wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: sgray@news-server
Message-ID: <40srfh$iv1@nuclear.microserve.net>
Source record: 213764

Peter A. Klein (pklein@news.seattleu.edu) wrote:

: Based on the above, I've thought about getting a used Icom 751a. However,
: after reading the ARRL Radio Buyer's Sourcebook (reprinted QST reviews)
: and talking to a few people (including ICOM service), I'm confused. I've
: been told that "the 751a was the best radio Icom ever made." I've also
: been told that the just-discontinued IC-735 receiver will outperform the
: 751a, that the 751a runs hot, and that the 751a has a similar front end to
: the 745 and may have similar overload problems.

Peter -

I can only coment on one aspect of your posting. I owned a 735 for a couple
of years, and have had the opportunity to operate a friend's recently
purchased 751a. There is simply *no way* that the 735's receiver is as
good as, or better than, the 751a's receiver.

When using the 735, I always thought it was a mediocre, noisy receiver -
I never missed the rig after I sold it. The 751a always seemed more
sensitive and less noisy; personally I'd buy one in a second *if* I could
afford it.

Good luck!

---Steve Gray
nr3b

678. Re: I need Changes to Scanner YAESU FRG9600

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: ruscello@alpha.ico.olivetti.com
Message-ID: <40stat$g8p@sfgw.ICO.Olivetti.Com>
Source record: 213765

In article <409pm1$ic8@mikasa.iol.it>, roliani@iol.it (Renzo Oliani) writes:

>
>Thanks for all help you give me
>
>8:) Renzo
>Hi Renzo I have a lot of .
Write me at the address below with the right questions please !

==========
ruscello@alpha.ico.olivetti.com
I1-2376/TO
SWL & BC Listener 45 04 00 N
7 39 00 W
==========

679. Re: HF rig control software; esp for FT-840

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: Alain Rassel <Alain.Rassel@restena.lu>
Message-ID: <40sr0n$i04@caladan.restena.lu>
Source record: 213766
Cross-posted to: rec.radio.amateur.equipment,

drranu@holly.ACNS.ColoState.EDU (Emarit Ranu) wrote:
>Brian D. Sarka (32DKUZ3@cmuvm.csv.cmich.edu) wrote:
>: I would be interested in recieving comments on computer software control of rad
>: ios. Please reply via e-mail
>: What have you used that works for you?
>
>
> I have written a console menu driven program to control the
> Yaesu FT-890 in Linux. If you have this OS running, I think
> it may work with the 840 (the 840 replaced the 890). Let
> me know if you do, and I will send you my program via email.
>
>--
> -Emarit 73's drranu@holly.ColoState.EDU
>
I am mainly running linux and looking for cat software for an ft-990
would your program do the job?
Could it be modified to control a FT990?

thanks in advance

Alain.Rassel@restena.lu
LX2RR

680. Re: HF rig control software; esp for FT-840

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: Alain Rassel <Alain.Rassel@restena.lu>
Message-ID: <40sr0r$i04@caladan.restena.lu>
Source record: 213767
Cross-posted to: rec.radio.amateur.equipment,

drranu@holly.ACNS.ColoState.EDU (Emarit Ranu) wrote:
>Brian D. Sarka (32DKUZ3@cmuvm.csv.cmich.edu) wrote:
>: I would be interested in recieving comments on computer software control of rad
>: ios. Please reply via e-mail
>: What have you used that works for you?
>
>
> I have written a console menu driven program to control the
> Yaesu FT-890 in Linux. If you have this OS running, I think
> it may work with the 840 (the 840 replaced the 890). Let
> me know if you do, and I will send you my program via email.
>
>--
> -Emarit 73's drranu@holly.ColoState.EDU
>
I am mainly running linux and looking for cat software for an ft-990
would your program do the job?
Could it be modified to control a FT990?

thanks in advance

Alain.Rassel@restena.lu
LX2RR

681. WTB: Collins Power supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: pwardell@ionet.net
Message-ID: <40sv4s$o5u@ionews.ionet.net>
Source record: 213768
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swap

I am looking for either the power transformer or the entire power supply
for the Collins KWM-2A transceiver. This power supply can be mounted
directly to the rear of the transceiver. The Collins model number for the
power supply is PP-3990/frc-93. It has the part number 522-2630-00 on
the ID tag. If anyone can help me please reply by E-mail.
Thanks...Paul/N5PYD

--
Paul Wardell N5PYD |Give a man a fish and he'll eat for a day.
HC30 Box180 |Give a man a fishing pole and teach him
Lawton, OK 73501 |how to fish and he'll never go hungry.

682. Mods wonted for TW-4100

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: tomk@tkk735.research.ptt.nl
Message-ID: <DDEpFC.90H@news.research.ptt.nl>
Source record: 213769

I just got a Kenwood TW-4100E and I am looking for the functions of the
diodes in the frontpanel. I found mods for TX/RX extention with the diodes
D6 (UHF) and D8 (VHF).
In my 4100E version are the D1, D2, D3, D4 and D5 already removed and
in the 4100A version are the D3, D4, D5 and D7 already removed.
So I am looking for functions of these diode if they are installed/removed.

------- -------------------- Tom van der Knaap
| k p n | r e s e a r c h | The Netherlands
| _| | +31 70 3325169
| _|_| . . . . . | e-mail address:
|___|_| T.A.vanderKnaap@research.ptt.nl
My interest is in the future because packet address:
I am going to spend the rest of my life there. PA3GQL@PI8VNW.#ZH2.NLD.EU

683. O-330A/FR or VOX-5 schematic needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: wlfuqu00@service1.UKy.EDU
Message-ID: <199508161505.LAA23635@service1.uky.edu>
Source record: 213770

I need a schematic of a O-330A/FR or a VOX-5 variable master oscillator.
It seems to be for diversity receivers with a variable outputs of 2 to 64
MHz , two crystal oscillatos and a BFO. A two stage oven keeps the variable
oscillator stable. Each oscillator has 3 outputs as well.

73
Bill
ko4ww

William L. Fuqua III P.E.
Department of Physics and Astronomy
CP-177 Chem. Phys. Bldg.
University of Kentucky
Lexington, Ky 40506-0055
E-mail WLFUQU00@POP.UKY.EDU
Phone (606) 257-4155

684. HQ-170C Parts Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: GeorgeZiga@oai.org
Message-ID: <GeorgeZiga-1608951200510001@wanderer1.oai.org>
Source record: 213771

I have an HQ-170C receiver, circa 1958 that I "acquired" in 1961, used for about 15 years, and then put on a shelf after it blew its power supply. I'm thinking about working on it as a project when the snow flies, and am looking for the requisite parts (or a source of parts that I can contact) to repair the unit. Here they are:

Part Description Part Number

T12 160M Antenna Coil K38926-1

T27 Power Transformer P26305-1

L6 8 Hy Filter Choke K26302-1

I realize I can find other power transformers and chokes to work in the receiver, but I'd rather use OEM parts so I don't have to drill more holes, make more mess, and disturb who-knows-what. :^)

Any help would be appreciated. Please reply directly via email.

Thanks... WA8AJL

--
George R. Ziga Ohio Aerospace Institute
216/962-3060 22800 Cedar Point Rd.
216/962/3200 - Fax Cleveland, OH 44142
GeorgeZiga@oai.org

There is a special place in hell for those, who, in a period of moral crisis, maintain their neutrality.

--- Dante

685. Icom 775DSP or Yeasu FT-1000D?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDDEuJ9.3F1@netcom.com>
Source record: 213772

Although I plan to hang on to my "antique" Drake R-4/T-4X, it looks like it's about time to get something more modern.

Right now, I'm giving top consideration to the Yaesu, but would like comments about both. Yaesu claims theirs to be preferred by DXers worldwide, but that's their own ad.

I am not consideraing the top-of-the-line Kenwood rig at this time, but would also be willing to hear opinions about it.

Thanks in advance,

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

686. need manual for JR500S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: wlfuqu00@service1.UKy.EDU
Message-ID: <199508161624.MAA06428@service1.uky.edu>
Source record: 213773

Just got a JR500S ham band only receiver at ham fest. It is a tube type
receiver perhaps made in the 60's. Seems to work well,needs
alignment,considering it looks like it had been stored in a damp basement.
I need a schematic and maybe specs on it. Can anyone help me out?
Hope to use it with a simple cw transmitter to help some young novice
operators (tech +) get started doing something other than using their HT's.

William L. Fuqua III P.E.
Department of Physics and Astronomy
CP-177 Chem. Phys. Bldg.
University of Kentucky
Lexington, Ky 40506-0055
E-mail WLFUQU00@POP.UKY.EDU
Phone (606) 257-4155

687. Re: Yaesu FT51r DC supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug16.164654.29354@ke4zv.atl.ga.us>
Source record: 213774

In article <40mlec$q0s@usenet.INS.CWRU.Edu> dd650@cleveland.Freenet.Edu (Drew Loker) writes:
>
>>The yaesu EDC-1 (?) is a great DC adaptor. It clips onto the
>bottom the radio, powers it at 11.5V and trickle charges the
>battery at 50ma! the clip is quite small, the regulator is in
>the cigarette lighter plug!
><
>I am glad you mentioned this. I have a question aobut the trickle charge.
>I read in the manual of my 51r that it is not a good idea to keep charging
>a halfway used battery, or one that has had very little use. Is this really
>a problem? I thought these new NiCds had gotten around the memoryu problem,
>and this would not be a problem? Also, how does the Trickle charger fit into
>this?? If everyday I get home, I hook up the EDC 12, and the battery is only
>about 1/4 down, is it going to mess it up? Also, how long does it take to
>charge a battery with the trickle charge?

Overcharging has nothing to do with the "memory" phenomenon. Memory
is indeed virtually a thing of the past, and something amateurs can
typically ignore, but overcharging is altogether something else. It
causes several problems. One problem that overcharging creates that
looks like memory is the voltage depression effect. Other effects
range from drying out the battery due to heating to passivating the
cell plate structure through chemical side chain reactions. Overcharging
is *bad*, and will drastically shorten battery life.

You should use your battery until the radio complains, then recharge
it at the C/10 rate for 14 hours, no more. Alternately, a *good*
pulse charger can recharge a battery in any state of charge to its
full capacity and then switch off. Unfortunately, this type of charger
is not common. The Yaesu NC-42 was an example, but other Yaesu chargers
didn't do this properly. I don't know if Yaesu has a proper charger for
the FT51R batteries.

>I also have a question about another type of charger that I bought used. It is
>a little different than the EDC 12. It replace the battery completely. It's
>plug for the cigaret outlet has a green led on it, but appears to be a standard
>plug. Other wise, the part that replace the battery is about the size of the
>9.6v battery. It is very light, as if empty. What exaclty is this? Why does
>it only give 8v of output power?

The housing is indeed empty. The regulator is built into the cigarette
lighter plug. A regulator is necessary when running off the auto electrical
system because voltages much higher than 13.6 volts can be found there from
time to time, ranging from 14.8 volts during vehicle battery charging to

300+ volt spikes during engine starting. These would trash your radio.
The likely reason it regulates to the lower voltage is that the manufacturer
knows you'll use the radio more in the vehicle than you would off batteries
and he is trying to limit the heating the radio would experience at the
higher voltage and duty cycle.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

688. Re: Galaxy 5 Manual/Schematics needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug16.165645.29442@ke4zv.atl.ga.us>
Source record: 213775

In article <40rscp$9tc@newsbf02.news.aol.com> dswiger180@aol.com (DSwiger180) writes:
>I need the users manual and schematics for a Galaxy 5 tube type
>transeiver. This was a popular rig in the late 60s/70s. Any help would
>be appreciated.

Is it a Galaxy V or a Galaxy V MkII? It makes a big difference.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

689. Standard 718 vs Yaesu 8500

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug16.170546.29565@ke4zv.atl.ga.us>
Source record: 213776

Ok, guys, I'm trying to find a better radio to mount in my
Jeep Cherokee. The old Alinco just doesn't fit very well.
I'm looking at the Standard 718 and Yaesu 8500 that both
have the controls in the microphone. The Standard has the
display in the microphone too, which simplifies dealing
with the radio (just throw it under the seat), but I'm
looking for some practical experience, pro and con, on
these two rigs. What do you think?

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

690. TUNE YOUR MOTOROLA OR DUPLEXER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: sidener@crunch.nuc.umr.edu
Message-ID: <40tbsb$3s1@hptemp1.cc.umr.edu>
Source record: 213777

This is an experiment to see how much response I would get if I offered
a tuning/alignment service for any of the following radios for a flat
fee of $15.00. Customer supplies shipping.

(any band)

Motorola: Mitrek
Micor
Mocom-70
Mocom-30
Motran
Motrak

I would also order xtals and compensate channel elements for extra fee

I could also get pl reeds.

I would tune duplexers or cavities for a flat fee of $20.00

If this sounds interesting to you please send me some e-mail to let me know!

Thanks,

Scott Sidener N0WFL sidener@umr.edu

691. Re: Kenwood TM742A Corrected Mod!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: Steve Steinberg <ss@pastek.com>
Message-ID: <40td5u$h8r@uucp.intac.com>
Source record: 213778

paidukas@harris.com wrote:

My radio (TM 942A) did NOT come as pictured below,
chip resistor 8 was already moved down. I tried shorting
the upper pad pair above resistor 8 but it did nothing. I
moved the short to the lower pad pair below resistor 7,
this worked!!

I don't remember the location of the other resistors. If
there is any interest I'll double check and write something
up.

```
>Here is the Correct mod for the Kenwood TM742A DC to light mod:
>> |
>-----------------------------------|
> trol Unit X53-346X-XX A/2 ||
> ||
> ||
> | ||
> | ||
> =-=-=-=-+-=-=-=-= ||
> x 5 6 7 8 || <--. > > =-=-=-=---=-=-=-= || | Move "4,7,8"
> o o o o o o o o || |- to the "x's"
> =-=-=-=---=-=-=-= || |
> 1 2 3 4 x x || <--'
> =-=-=-=-o-=-=-=-= ||
> ||
> ||
> +-+ ||
> | | ||
> +-+ ||
> 2R7 ||
>-----------------------------------|
>-----------------------------------|
>-----------------------------------|
> Front Panel Area
>
>### END ###
>
```

692. Re: Atlas Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <40tf31$35g@safety.ics.uci.edu>
Source record: 213779

There is no "bogus" Atlas company. The original owner of Atlas has restarted his company. If you check 73 or CQ magazine - there is an ad every month for the new Atlas rig. But, no, I have not seen one in operation yet, nor heard one on the air. I suspect that they got in over their heads and just haven't gotten out yet and gone into production. Not a good way to do business. Hope that they cover the guys who have sent in advance money.

Clark
WA3JPG

693. Wanted: Mods for Alinco DJ-G5

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: infocom@inet.uni-c.dk
Message-ID: <40tfij$d0s@news.uni-c.dk>
Source record: 213780

I would appreciate any info on this new ht from Alinco.

694. Re: Atlas Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <40th40$9o9@tivoli.tivoli.com>
Source record: 213781

In article <40tf31$35g@safety.ics.uci.edu>, turner@safety.ics.uci.edu (Clark Savage Turner) writes:
|> There is no "bogus" Atlas company. The original owner of Atlas has
|> restarted his company. If you check 73 or CQ magazine - there is an
|> ad every month for the new Atlas rig. But, no, I have not seen one
|> in operation yet, nor heard one on the air. I suspect that they got
|> in over their heads and just haven't gotten out yet and gone into
|> production. Not a good way to do business. Hope that they cover the
|> guys who have sent in advance money.
|>
|> Clark
|> WA3JPG

The current Atlas company may indeed be run by the original owner; I have no information at this point to the contrary. However, there were two scams operated under the Atlas name in the '80's; these were not operated by the original owner. I cannot recall the perpetrator's name offhand, but the last scam he ran was shut down by the postal inspectors in 1989. He advertised in 73 magazine (and possibly CQ--I'm not sure) for a new Atlas rig, but he simply took the money and never delivered anything. He was convicted of mail fraud and sentenced to prison time and a fine. He had pulled the same scam several years earlier, and was convicted and sentenced for same.

As I said, I don't know anything about the current Atlas company or the ads in 73 and CQ. If it is in fact the same person who pulled the two earlier scams, it would seem he has not learned his lesson and is a good candidate for "three strikes and you're out" (since mail fraud is a federal offense, this could apply).

73,
Jeff, KC1MK

695. Re: Kenwood TM742A Corrected Mod!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: Steve Steinberg <ss@pastek.com>
Message-ID: <40tkg9$n01@uucp.intac.com>
Source record: 213782

Steve Steinberg <ss@pastek.com> wrote:
>paidukas@harris.com wrote:
>
>
>My radio (TM 942A) did NOT come as pictured below,
>chip resistor 8 was already moved down. I tried shorting
>the upper pad pair above resistor 8 but it did nothing. I
>moved the short to the lower pad pair below resistor 7,
>this worked!!
>
>I don't remember the location of the other resistors. If
>there is any interest I'll double check and write something
>up.
>
>>Here is the Correct mod for the Kenwood TM742A DC to light mod:

Paul was correct, my radio had one of the chips moved, I needed
to move the other two.

73, Steve
kg2bd@pastek.com

696. Index Labs QRP plus

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: wkt@phyast.nhn.uoknor.edu
Message-ID: <wkt.808604592@phyast>
Source record: 213783

Has anyone used the Index Labs QRP Plus rig?
I am thinking about buying a WRP Plus
or a TenTec Scout QRP (I think they are calling
it the argonaut)... Any suggestions?
Has anyone seen a review of the QRP Plus anywhere?
Thanks much,
wayne N0XSH

697. Re: WTB: Collins Power supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: Ken <radioken@sierra.net>
Message-ID: <40tnb0$dl1@jobes.sierra.net>
Source record: 213784
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swap

The power supply that fits onto the rear of a
KWM-2 is a model No. "PM-2".
Ken

698. TH25-A scheme, help me

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: victor@ibpm.serpukhov.su
Message-ID: <victor.87.0@ibpm.serpukhov.su>
Source record: 213785

I have Kenwood TH-25A which was broken recently :-(

I need a scheme (block diagram, board layout, schematic diagram)
for analyse and repair. I have a manual only.

If you can make a copy and send paper to me, PSE let me know.

73! RX3DIN Victor
---
http://www.stack.serpukhov.su/~victor/hamradio

699. Heath Dual Trace Osc. Mod# SO-4550 Manual Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: duane.hanson@totrbbs.radio.org
Message-ID: <11662.12.uupcb@totrbbs.radio.org>
Source record: 213786

Just came into posession of the above Oscilliscope and would like to get
a manual. If you have one or have info, please let me know.
Duane, KD4KCR

I will pay for copying and postage.
Tnx in advance...

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

700. Re: Icom 775DSP or Yeasu FT-1000D?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: jackwy@clark.net
Message-ID: <40tso3$6s7@clarknet.clark.net>
Source record: 213787

In article <jlowmanDDEuJ9.3F1@netcom.com>, jlowman@netcom.com says...
>
>Although I plan to hang on to my "antique" Drake R-4/T-4X, it looks like
>it's about time to get something more modern.
>
>Right now, I'm giving top consideration to the Yaesu, but would like
>comments about both. Yaesu claims theirs to be preferred by DXers
>worldwide, but that's their own ad.
>
>I am not consideraing the top-of-the-line Kenwood rig at this time, but
>would also be willing to hear opinions about it.
>
>Thanks in advance,
>
>Jim
>
>jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
>Systems Analyst | San Bernardino City Unified School District
>(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
>(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-
>
You might hold off for awhile. Yaesu is bringing out the
FT-1000MP which has DSP on receive and some other improvements.
If you're going to spend the bucks, might as well wait for the
latest.
Jack

701. firmware RC-96, Eprom

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: wally@nyc.pipeline.com
Message-ID: <40tsob$btj@pipe6.nyc.pipeline.com>
Source record: 213788

Greeting All; I'm not sure I'm in the right place for this but....Does any one know of any Eprom software called "RC-96" or "RC-850" from a company call Advanced Computer Controls? A friend of mine thinks it's somewhere on the net and asked me to get it for him. I no nothing about this sort of thing so if any one can help out I'd be greatful.

wally@pipeline.com

702. IF-10-B Kenwood TS-940

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: dwshock@usa.net
Message-ID: <dwshock.1.0010B88B@usa.net>
Source record: 213789

Can anyone help me find an IF 10B for my TS-940s. I tried building one but gave up and can't find thru any distributor. Please E-mail with any advice at dwshock@usa.net

703. Re: Index Labs QRP plus

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDDFEsI.EA0@netcom.com>
Source record: 213790

Wayne K. Trail (wkt@phyast.nhn.uoknor.edu) wrote:
: Has anyone used the Index Labs QRP Plus rig?
: I am thinking about buying a WRP Plus
: or a TenTec Scout QRP (I think they are calling
: it the argonaut)... Any suggestions?
: Has anyone seen a review of the QRP Plus anywhere?
: Thanks much,
: wayne N0XSH

Have you heard of the QRP-L mailing list? There has been quite a bit of discussion lately on the QRP Plus, as well as the Norcal and others.

To subscribe, send mail to: listserv@lehigh.edu

and in the body: subscribe QRP-L Yourfirstname Yourlastname

This must be where the QRP rigs are discussed; there has not been much said on this newsgroup, as far as I recall.

I am considering the QRP Plus myself. It has full 160-10M coverage, including the WARC bands, and can switch bands without changing plug-in modules.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

704. Re: boat anchors??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: agrier@reed.edu
Message-ID: <40sg2q$isl@remus.reed.edu>
Source record: 213791

In article <9508111936.aa29768@blkbox.COM>, Robert <w5robert@blkbox.COM> wrote:
> Is there a mail reflector for OLD equipment, etc ???

Certainly is. :) That is, unless you're into spark gap equipment, but
then again, those would count as boatanchors. (hehehe)

send email to listproc@theporch.com with 'subscribe boatanchors' in the body.

--

The Finn / VLA | "Feel the love: have a carrot!" -- Groovy Dave
Aaron J. Grier | DE CB EE 65 0D EE 3A 0C 1E D7 F5 4D 9E 02 3C C4
agrier@reed.edu | The above line contains a bunch of letters & numbers.

705. ****** VINTAGE MILITARY FOR SALE ******

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: davidst1@aol.com
Message-ID: <40u0sb$sii@newsbf02.news.aol.com>
Source record: 213792

NOTE: Posting for a friend. Please do not reply to me.
Call Henry at the number below. Thanks.

I've recently done some business with Henry Engstrom, KD6KWH.
He has been helpful, dealt fairly and shipped promptly.
Here are some of the goodies Henry has available. He has no
internet access, no fax-- just a low tech telephone. Please
call 8AM to 6PM Pacific time. I don't get a cut or anything--
just doing it as a favor since he found me some
really tough-to-get stuff.
DLS

Henry Engstrom, KD6KWH
P.O. Box 5846
Santa Rosa, CA 95402
(707)544-5179

Command Set Components
ARA/ATA
Receiver: CBY46129 .19 to .55 MC, excellent $40
Receiver: CBY46106 6-9.1 MC, with dynamotor, NOS $60

AN/ARC-5
(2) R-23 Receiver: .19 to .55 MC, G-VG $25
R-26 Receiver: 3-6 MC VG $30, F-G $22
T-20 Transmitter 4-5.3 MC, VG-E $30
MT-69 Rack $30
MT-7/ARR-2 Rack $25
C-38 Control Box VG $15
C-48 Control Box VG $15
C-744 Control Box VG $8
J-16 or J-22 Jack Box $15

SCR-274N
BC-453 .19-.55 MC Receiver VG $30
BC-454 3-6 MC Receiver VG $35
BC-454 3-6 MC, good ham modification $25
BC-456-E Modulator, no dyno VG-E $60
FT-233 one receiver Rack $35
FT-234 one transmitter Rack $30
FT-226 two transmitter Rack, missing rear cover $30
BC-442 w/shock mount and connector and vacuum cap $40
BC-442 w/o mount or connector $30
BC-473,944 and 496 control boxes $15 each

Other Items Available:
TCS-14 Antenna Loading Coil E $28
LM-14 Freq Meter, LM-18 power supply, all cables,
mounts and manuals, Excellent Plus, $40
R-5/ARN-7 Receiver w/control box C-4 and C-4/ARN7 NIB mount $95
ARB Receiver, CRB46151 W/operators control box, power cable,
dynamotor, Excellent $145
TM-211 Terminal Box for Jeep Radio BC-659/620 $15
ME-73 alignment tools for BC-659/620 W/manual TM11-318 $40
J-37 CW Key for ART-13 $20
BG-185 canvas bag for BC-659/620 rx/tx NOS $37
BC-100 battery cable NOS $8
MT-28/ARN-5 receiver mount $12
ART-13 LF Osc. assembly, missing corrector and lock knobs $12
ART-13 8Q2 CF1 Crystal Calibrator $12
ART-13 CU-24 shunt capacitor $40
ART-13 Antenna Tuner connectors U11,12 $15
ART-13 A-58 Phantom Antenna E $75
Connectors for Command Set, TCS, RU/GF, RBM, others. Call.
Control boxes/ acces. for ARC-4, SCR-522, PRC-25, PRC 8-10 Call
Dynamotors for ARC-5, TCS, APS-13, BC-603/683, BC-733, BC-312 Call
BG-175 bag for GRC-9 generator, F $6
Many headsets, mikes and parts for military rigs. Call

706. Re: Comments on IC-2340

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: Harry Salvini <hgs@wdl1.wdl.loral.com>
Message-ID: <40tk7m$fqf@wdl1.wdl.loral.com>
Source record: 213793

lmann@myhost.subdomain.domain (Lee Mann) wrote:
>I'm interested in hearing user comments on the IC-2340.

I have one and love it! I haven't used every function available, but of the ones I do, very simple to use and program. I've even been messing around with some of the remote programming stuff.

I've put in the suggested mods, and it's OUTSTANDING!

I can't compare it with anything because it's the only mobile I've ever used.

```
+=====================================================================+
| hgs@wdl.loral.com (KB6VMQ) | Happily married with 2 Kids! -+-|
| Loral doesn't have a single | A newbie Quinnatic (DQMW) | |
| thing to do with my opinions. | HAM, Dirtbikes, Kids, Camping | |
| ...you mean this isn't working? | K-LOVE - 100.9/99.3/91.9 FM |
+---------------------------------+---------------------------------+
```

707. WANTED: Mods for IC-W31A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: Harry Salvini <hgs@wdl1.wdl.loral.com>
Message-ID: <40tkfc$fqf@wdl1.wdl.loral.com>
Source record: 213794

I got this radio a couple of months ago, along with a IC-2340H.

Got mods for the 2340H, but would like to see something on the 'ole
31A too.

Have any of you looked into it? I don't have a service manual for
the HT, and don't know about any Key-Pad mods...

```
+---------------------------------------------------------------------+
| hgs@wdl.loral.com (KB6VMQ) | Happily married with 2 Kids! -+-|
| Loral doesn't have a single | A newbie Quinnatic (DQMW) | |
| thing to do with my opinions. | HAM, Dirtbikes, Kids, Camping | |
| ...you mean this isn't working? | K-LOVE - 100.9/99.3/91.9 FM |
+--------------------------------+--------------------------------+
```

708. BRUNELLE INSTRUMENTS MODEL 3020 MANUAL WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: mallorys@nbnet.nb.ca
Message-ID: <950816234855.B7D716@news.nbnet.nb.ca>
Source record: 213795

I am posting the followinginformation for a good friend of mine. If you prefer, you can e-mail me with a response and I will pass the information on to him.

Thanks for the help.

Steve VE9SHM
mallorys@nbnet.nb.ca

Howdy, and thanks for your interest!

I'm looking for in particular a service manual for a BRUNELLE INSTRUMENTS model 3020 function generator, which was made in Sherbrooke, Quebec. Any other info such as operators manual or schematic would also be appreciated muchly!

Please reply via SR or to address below advising availability and cost.

THANKS MUCH!

73's - Gord Skiffington VE1AJF @VE1FUN.#SENB.NB.CA
R.R. 3,
Hillsborough, N.B.
E0A 1X0

(506) - 734-2852

709. Re: Standard 718 vs Yaesu 8500

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: rtrommer@vnet.ibm.com
Message-ID: <DDF4y4.4oCr@austin.ibm.com>
Source record: 213796

In <1995Aug16.170546.29565@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>Ok, guys, I'm trying to find a better radio to mount in my
>Jeep Cherokee. The old Alinco just doesn't fit very well.
>I'm looking at the Standard 718 and Yaesu 8500 that both
>have the controls in the microphone. The Standard has the
>display in the microphone too, which simplifies dealing
>with the radio (just throw it under the seat), but I'm
>looking for some practical experience, pro and con, on
>these two rigs. What do you think?
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |

Gary, I just installed the 8500 in my Cherokee.. I mounted the radio under
the drivers seat - lots of room and it should get lots of air flow. Just 4
nuts and the seat comes out. The display is mounted in the long thin
cup just below the ash tray and behind the ash tray. The mic is mounted
on the left-hand side of the shifter, where the 4WD shifter should go. I need
find out about the audio fix for the mic (I was just told that YAESU has a
fix for it) nice rig so far..

710. Re: FT-8500 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Aug16.220925.1@vax.sonoma.edu>
Source record: 213797

In article <40s2b7$hj6@news1.deltanet.com>, bgt@thomascomm.com (Brad Thomas) writes:
>
>>The transmitted audio on these radios (at least the three I've heard)
>>has absolutely SUCKED. It is very bass sounding and muffled, bordering
>>on distorted. I'm not impressed by this and wonder why a radio that
>>costs as much as this sounds so cheap.
>
> Yaesu has a mod to fix this. As with all new designs theres sometimes bugs
> to work out. The audio seems to be echoing around inside the "pickel" making
> it bassy. I sent mine in to Yaesu and they fixed it at no charge. On air reports
> say it's 100% better and sounds great.
>
> With the new mike comming out for the 8500 there wont be this problem as it
> is not as big and hollow as the "pickel". It's standard size.

I've forwarded the info to both friends. Thanks.

Yes, there are bugs that need to be worked out many times but it would be
nicer if these bugs were fixed before the radio makes it to the retail shelf.

Maybe I'm expecting too much...

Ken
--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

711. Icom IC-Delta1A triband Handheld info?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: seguine@sirius.com
Message-ID: <seguine-1608952232120001@slip1007.sirius.com>
Source record: 213798

I'm about to get one of these, anyone have the mod info for them?
Anyone have any experience with one of these? It seems like a pretty killer HT.

thanks
-chris

712. FLUKE 7261A COUNTER\TIMER MANUAL NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: mallorys@nbnet.nb.ca
Message-ID: <950816233353.B3E416@news.nbnet.nb.ca>
Source record: 213799

I am posting the following want for a good friend. If you do not want to contact him directly you can e-mail me and I will pass the information on to him.

Thanks for the help.
mallorys@nbnet.nb.ca

Howdy, and thanks for your interest!

I'm looking for a service manual or even just a schematic for the Fluke model 7261A UNIVERSAL COUNTER / TIMER (Frequency counter).

Please advise via SR or address below of availability and cost.....
and THANKS MUCH!

73's - Gord Skiffington VE1AJF @VE1FUN.#SENB.NB.CA
R.R. 3,
Hillsborough, N.B.
E0A 1X0

(506) - 734-2852

713. Pls Help w/TenTec Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: jhschutt@figmnt.tayloru.edu
Message-ID: <1995Aug16.223600.2247@figmnt.tayloru.edu>
Source record: 213800

Hello all!

Does anyone know if TenTec has an 800 number? If not, does anyone know their number? I'm new to Ham radio, and am looking for an HF rig.

Also, does anyone have a suggestion where I can find specs (and pictures) on older TenTec rigs? I'll probably buy a used rig, and I've heard that TenTec rigs work well on CW.

Pls e-mail replies. THANKS A LOT!!--

_____
John Robert Schutt /\ jhschutt@tayloru.edu
Taylor University- Fort Wayne //\\ (219) 456-9061
1025 W. Rudisill Blvd. ///\\\ FAX: (219) 456-2119
Fort Wayne, IN 46807 ||

714. Re: FT-840 vs IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-16 00:00:00 UTC
From: planck@iquest.net
Message-ID: <planck.808532678@dorite>
Source record: 213801

<40nru2$77q$1@mhafm.production.compuserve.com> <40nugi$ip@agate.berkeley.edu>

mtrail@violet.berkeley.edu () writes:

> Hi!
> Since almost all the responses to this question have been
>in favor of the 735, I thought I'd put a few words in for the 840,
>which I have. It's a fine rig, with very good sensitivity, ease of
>operation, if shift, etc etc. The reason you might think of it over
>the 735 is one of new-rig reliability over the uncertainties of getting
>a used rig. Unless you know and trust the source of the rig, you can
>never be sure about the rig's history, and you don't have the luxury
>of a warranty. Both rigs are fine, but given that the prices are
>about the same, why not get a NEW rig for your money? I really don't
>think you could go wrong with the Yaesu. Great service there too...
> Good luck, and 73
> Matt KN6CR

Hello Matt,
I was wondering if the FT 840 has an RF gain control. I think the rig
looks very nice, but gotta have RF gain. 73
DeWayne AA9AF

715. Re: building a strength meter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DDFJtL.34v@iglou.com>
Source record: 213653
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment,rec.radio.amateur.misc

Charlie Fortner (charlie@netdepot.com) wrote:
: Where can I get plans to build a CB signal strength meter? Or where can I
: get one for under $20? email (charlie@netdepot.com) or a post
: appreciated.

This is an easy one. Find a sensitive, microamp meter like the one out of
an old VOM. Put a crystal diode across it. Connect a short piece of wire
to one of the terminals for a antenna. I used one for many years. If it
reads backwards, reverse the diode. If you want to really get fancy,
put a reostat in series with the diode. Thats all there is to it.
--
Steve
n4lq@iglou.com

716. Personal Phone Patch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: pbobby@ix.netcom.com
Message-ID: <40u8m1$755@ixnews6.ix.netcom.com>
Source record: 213654

What should I be looking for to set up a personal phone patch?

I'll run a 2m rig continously, on a simplex freq. but do'nt know much
about it beyond that.

kb2vkn

--
Paul Bobby - pbobby@ix.netcom.com

717. knight t-60, heath sixer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: marvin.haynes@totrbbs.radio.org
Message-ID: <11674.12.uupcb@totrbbs.radio.org>
Source record: 213655

Bob, I am interested in the Knight T60. I will pay you the 30 bucks or
prefer to trade my heath sixer for it. The heath is missing one knob
and the receiver works great. The transmitter has problems, probably
something simple. If interested, email me or call (404) 425-5213.
Also, I have the manual for the Sixer.
73, Marvin Haynes
WB4OKM, marvin.haynes@totrbbs.com

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

718. Re: help new ham: Tempo HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: johnmxl@ix.netcom.com
Message-ID: <40ulpo$d6b@ixnews6.ix.netcom.com>
Source record: 213656

In <40jk31$3hc@girtab.usc.edu> sacoolas@girtab.usc.edu (Jonathan Sacoolas) writes:
>
>Hello all, I am new to amateur radio and am looking for a 2m HT. I saw an
>ad for a used Tempo S-5 HT. I have never heard of Tempo so can anyone
>tell me if this would be a decent first rig?
>
>Thanks in advance,
>
>Jonathan Sacoolas KC7MIZ
>sacoolas@usc.edu

Hi Jonathan...

Tempo is/was a line of equipment manufactured overseas and marketed primarily by Henry Radio in Los Angeles in the 1970's. To the best of my knowledge, there isn't any recent Tempo ham gear, but Henry is still around and still provides some service on the Tempo line.

The S5 HT is a higher-output power version of the earlier S1. Both HTs are thumbwheel-set (i.e. you dial up a frequency by setting thumbwheel switches on the top of the HT) single frequency no frills radios. The S1 was a nominal 1.5w out, while the S5 was a nominal 5w out. PL has to be added on, there are no memories or scan capabilities, no display or S-meter - just a single LED that goes out when the battery is dead. Most of the S-series HTs that I have seen have Touch-tone pads, but only 12 key - no ABCD keys.

If you live in an area with a limited number of non-PL repeaters, the S5 might be a good starter rig, if the price is low enough. If you want or need more features, you'll have to go somewhere else.

If you do buy it, make sure the seller gives you the wall-wart battery charger...

My $0.02

John KD6MXL

719. WANTED: ORIGINAL JOHNSON VIKING RANGER MANUAL: SWAP/BUY

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: mc@shore.net
Message-ID: <40vci6$o3h@northshore.shore.net>
Source record: 213657
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Hello All:

I am looking for an original manual for the E.F. Johnson Viking Ranger I transmitter. I have many original amateur radio manuals to swap, including one for the Viking Ranger II or I will be glad to pay a reasonable price. I already have a photocopied manual.

Please reply by e-mail.

Cordially,

Michael Crestohl, KH6KD/W1
mc@shore.net

720. WTB: old 220 FM or allmode rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: white_hae@ccsua.ctstateu.edu
Message-ID: <1995Aug17.093125.1@ccsua.ctstateu.edu>
Source record: 213658
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

```
WTB: 220 FM or allmode rig, OLD OK..... crystal rigs with FM calling freq
only will do. Primary use is for VHF contesting.
Offers to white_hae@csusys.ctstateu.edu
Harry/N1QVE
```

721. WTB: RTTY.WFAX/CW Demodulator

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: jcscott@pacbell.com
Message-ID: <40vtmh$ntf@gw.PacBell.COM>
Source record: 213659
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.digital,ca.wanted,ba.wanted

Hi Folks,
I am looking for an RTTY/Weather FAX/ CW demoudlator.

MFJ462B, MFJ1214PC, PK232 or ??

Please email to jcscott@pacbell.com or call 510-823-8626 (days)
or 510-837-3626 (evenings)

Jon

722. Re: building a strength meter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: 74710.3115@compuserve.com
Message-ID: <40vdvv$95r@dub-news-svc-2.compuserve.com>
Source record: 213660
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment,rec.radio.amateur.misc

charlie@netdepot.com (Charlie Fortner) wrote:

>Where can I get plans to build a CB signal strength meter? Or where can I
>get one for under $20? email (charlie@netdepot.com) or a post
>appreciated.

Radio Shacks $20 swr meter has a built in field strength meter

Herm

723. Drake TR7 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: archive@flash.ATC.Olivetti.Com
Message-ID: <40vtrv$bc8@olivea.ATC.Olivetti.Com>
Source record: 213661
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

I have the problem with the receiver part of the transceiver Drake TR7
serial number 6052. The audio reproduction is not clear compared with
the other trtx connected to the same antenna and tuned to the same signal.
I don't know if it is a fault of the my rtx , or the rtx produced at a certain
period, and if successive versions have eliminated the problem, and how.
Is anybody able to help me?

Tanks in advance

My e-mail address is: maurizio@caramba.ico.olivetti.com

724. Re: FT-840 vs IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: k2ph@dxis.monroe.pa.us
Message-ID: <DDH4AJ.6Mu@dxis.monroe.pa.us>
Source record: 213662

From article <planck.808532678@dorite>, by planck@iquest.net (William Planck):
> <40nru2$77q$1@mhafm.production.compuserve.com> <40nugi$ip@agate.berkeley.edu>
>
> mtrail@violet.berkeley.edu () writes:
>> Since almost all the responses to this question have been
>>in favor of the 735, I thought I'd put a few words in for the 840,
>>which I have. It's a fine rig, with very good sensitivity, ease of
>>operation, if shift, etc etc. The reason you might think of it over
>>the 735 is one of new-rig reliability over the uncertainties of getting
>>a used rig. Unless you know and trust the source of the rig, you can
>>never be sure about the rig's history, and you don't have the luxury
>>of a warranty. Both rigs are fine, but given that the prices are
>>about the same, why not get a NEW rig for your money? I really don't
>>think you could go wrong with the Yaesu. Great service there too...
> I was wondering if the FT 840 has an RF gain control. I think the rig
> looks very nice, but gotta have RF gain. 73

I own a 735, which I consider to be a good, not great radio. As some
have already pointed out, the receiver sounds noisy, probably due to
the noisy PLL frequency generation scheme. However, it does have two
features that the current entry-level radios don't have: VOX and an
RF gain control.

I just find it unbelievable that manufacturers, in 1995, would not put
those two features into a radio. These were standard features on $300
equipment over 25 years ago!

73,
Bob K2PH

--
+------------------ \-\-\-\ -----------------------------+
Bob Schreibmaier K2PH	INTERNET: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

725. Wanted SONY SW100

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: almach5@intac.com
Message-ID: <40v7ua$3th@uucp.intac.com>
Source record: 213663

[No readable article body recovered]

726. Wanted SONY SW100

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: almach5@intac.com
Message-ID: <40v80p$3th@uucp.intac.com>
Source record: 213664

[No readable article body recovered]

727. Wanted SONY SW100

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: almach5@intac.com
Message-ID: <40v842$3th@uucp.intac.com>
Source record: 213665

[No readable article body recovered]

728. Re: GE MSTR II (converted -> RPTR) HELP?!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: paidukas@harris.com
Message-ID: <40vb1q$gh1@hearye.mlb.semi.harris.com>
Source record: 213666

In article bda@wa4mei.radio.org, "Alan K. Adamson" <ne1h> () writes:

>In the manual there is mention of a slow and fast squelch (The service man
>that is). If we look at the two outputs coming out of the RX, the CAS, and
>the RUS lines on the header block. Neither exhibits the 200ms of time
>delay that the slow squelch is suppost to deliver, all we can find is about
>30ms. Now the compilcation is that if you are a week signal and you are
>picket-fencing, the 30ms is too short and you drop the TX on each picket fence.
>This can be quite anoying (sp?). To make matters worse, if you run an
>audio delay board to get rid of the squelch tail and DTMF bursts, you start
>to loose parts of words.
>
>We have found no way to remedy this problem. I would like to know where others
>have pulled COS off for repeater use (btw, these are mobile radios, being
>converted), and if they have ever noticed this problem. Also if there is
>anyone out there that has the service manual for the real MSTR II RPTR and can
>look and see how they generate COS I would like to know that as well.
>
>Thanks,
>Alan Adamson
>NE1H
>ne1h@tornado.ne1h.radio.org
>

Alan, as I remember it, the RUS (Received Unsquelched Signal) is active only if the
Channel Guard (PL) is activated on receive. The CAS (Carrier Activated Squelch) is
active whenever a carrier is present.

It sounds to me like you have the repeater operating and only need to add a hang
time to the transmitter. This should hold the transmitter for one to three seconds
after the CAS drops. Most repeater controllers do this and have programable hang times. Are
you using a repeater controller, or a homebrew COR (Carrier Operated Relay)?
If you are using a COR, you'll need to have the time delay added to it.

Good luck!

Paul KE4QJA Work: paidukas@Harris.com
Packet: KE4QJA@KD4WLE.#MLBFL.FL.US.NA Home: paul@theborg.mlb.fl.us

729. OMNI VI Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <40vfp1$d54@solaris.cc.vt.edu>
Source record: 213667

I am considering buying an OMNI VI to supplement my FT 990. I sure would appreciate any comments on the OMNI. I am very aware of Ten Tec's superb service since I have other Ten Tec equipment. I am more interested in the performance of the OMNI.

Thanks Greg KN4FR

730. Re: Personal Phone Patch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: mmusick@talx.com
Message-ID: <mmusick-1708951042230001@198.102.74.50>
Source record: 213668

> What should I be looking for to set up a personal phone patch?
>
> I'll run a 2m rig continously, on a simplex freq. but do'nt know much
> about it beyond that.

Paul -

The principal commercial supplier of simplex patch interfaces is CSI (Connect Systems Inc), who has a couple of grades of simplex patches. These should be available from the popular ham stores. These interfaces handle most of the requirements to stay within the Rules including polled break-in for operator (your) control, access password, and station ID. Expect to pay $300 and up, depending on features.

But other than that, you've got a problem...2m simplex autopatch is illegal, and there are some who contend that all simplex autopatches are illegal.

The first problem (the 2m thing) is that in an autopatch setting, your home/base station becomes an "auxiliary station". Auxiliary stations may not be operated below 222.150 MHz (also not in 431-433 and 435-438 MHz). 2-meter simplex autopatches are probably out there, but they are still nonetheless illegal.

The other problem is that some have interpreted the rules to construe that the home (auxiliary) station operating under simplex autopatch is an automatic station. Automatic stations are not allowed to participate in 3rd-party traffic ("3rd-party" being the person on the other end of the telephone).

(I disagree with this point, because I contend that the station with the simplex autopatch is a remotely-controlled auxiliary station and not an automatic station - an important distinction. However, I do have to acknowledge this particular point of view since one strong advocate is in a position of some authority on the Rules - a member of the FCC Amateur Auxiliary, whose responsibility is to keep us all on our toes about the Rules. But I'm a certified AmAux member, too, so take your pick. ;-))

The purely practical side is that if simplex autopatches were plainly illegal, CSI wouldn't be offering them for sale. I'd say get a CSI box and set your system up on 222 or above, and enjoy.
...mm

==========
Mike Musick/N0QBF mmusick@talx.com**
TALX Directory Division 71301,3106@compuserve.com
St. Louis, MO

Opinions expressed are my own...
...like someone else would want 'em, right?

** - If you have to reply email rather than in the newsgroup,
use the CompuServe address. Our mail server died a while back
and I've been given "real soon" on when it'll be up. You know
how *that* works!
==========

731. Looking for 9k6 mods for ICOM IC-25E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: mcxxxx@mclink.it
Message-ID: <40vmmv$cfr@sgi.iunet.it>
Source record: 213669

I am trying to modify my ICOM IC-25E to use it on 9600 bps packet radio but I haven't the electric diagrams nor infos about the mods.

Any help ?

Thanks in advance.

Giovanni IT9XXS

mc3626@mclink.it

732. Re: TSQ on 51r will not work thru a repeater???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: mmusick@talx.com
Message-ID: <mmusick-1708951219320001@198.102.74.50>
Source record: 213670

Gary said:

> I had originally thought that
> since most repeaters either purposely don't pass pl, or just pass it
> so poorly that it won't work, maybe the other person's pl was very hot
> and forced its way through. However, that is negated by the fact that
> HE was able to use HIS ht to trigger the other one. The only one that
> doesn't seem to work is the path between him and his wife, either
> direction.

Sounds to me like a combination of several conditions. Normal repeater audio processing will roll-off the low frequencies unless they've specifically been tweaked to pass PL tones. I've had good luck passing tones above 150 Hz through most repeaters, so if Test A worked and Test B did not, check to see what tones were being used.

Also, Kenwood radios are known for having extra-hot PL injection (and no way to adjust it, unfortunately), so if the "it worked" test involved a Kenwood rig on the other end, that could be an explanation, as well.

Drew might want to try tones at the higher frequencies and see if they work with the Yaesu radios.
...mm

==========
Mike Musick/N0QBF mmusick@talx.com**
TALX Directory Division 71301,3106@compuserve.com
St. Louis, MO
Opinions expressed are my own...
...like someone else would want 'em, right?

** - If you have to reply email rather than in the newsgroup,
use the CompuServe address. Our mail server died a while back
and I've been given "real soon" on when it'll be up. You know
how *that* works!
==========

733. Re: Personal Phone Patch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug17.164220.4433@ke4zv.atl.ga.us>
Source record: 213671

In article <40u8m1$755@ixnews6.ix.netcom.com> pbobby@ix.netcom.com (Paul Bobby) writes:
>
>What should I be looking for to set up a personal phone patch?
>
>I'll run a 2m rig continously, on a simplex freq. but do'nt know much
>about it beyond that.

Well the first thing you should know is that you need to run this
above 222 MHz. It's illegal on 2 meters unless you have a control
operator at the patch, or use a separate 222 MHz or above radio for
control purposes. If you run it above 222 MHz, it falls under
the Auxillary rules and *you* can be the control operator from the
rig you use to talk to it.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

734. TS-450AT Comments???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: dsa@ch.apollo.hp.com
Message-ID: <DDGuJx.FLH@apollo.hp.com>
Source record: 213672

Hi Everyone,

I'm considering dropping ~$1200 on a new TS-450AT. Before I do,
are there any NEGATIVE "features" to this rig I should be aware of?
This will be a first rig for me. It will mostly be used for CW
operation. Any comments pro/con?

Thanks,
-Dale

735. Dymek DA100D - What is it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: eckman@eos1.larc.nasa.gov
Message-ID: <4105bf$j5c@reznor.larc.nasa.gov>
Source record: 213673

I've recently come across a McKay Dymek DA100D. Of course, there
was no manual with it. I passed it around to several local amateurs
and we're stumped. We don't know what it is! The guesses include some
sort of active antenna or a fixed frequency receiver.
Is anyone familiar with this small piece of gear and can enlighten
me as to what it is?

Richard Eckman KO4MR
Hampton, VA
eckman@eos1.larc.nasa.gov

736. Re: Dymek DA100D - What is it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: pgeorgeu@vanbc.wimsey.com
Message-ID: <41095g$q9a@vanbc.wimsey.com>
Source record: 213674

In article <4105bf$j5c@reznor.larc.nasa.gov>,
Richard Eckman <eckman@eos1.larc.nasa.gov> wrote:
> I've recently come across a McKay Dymek DA100D. Of course, there
>was no manual with it. I passed it around to several local amateurs
>and we're stumped. We don't know what it is! The guesses include some
>sort of active antenna or a fixed frequency receiver.
> Is anyone familiar with this small piece of gear and can enlighten
>me as to what it is?
>

This is simply a broadband active antenna (from MW up through shortwave and perhaps a bit beyond). This unit came out quite a few years ago and has been upgraded slightly during this period.

It is still manufactured and has always got excellent reviews, whether in Passport, the WRTH or Rainer Lichte's Chance or Choice. As to how it compares to the current crop, I would guess that it definitely is inferior to the high-end Dressler and RF Systems units but it is a whole lot cheaper (roughly listed at US$200). It is however *way* superior to the Radio Shack Sony and MFJ toys.

Peter

737. Re: Extended Rcv on FT51r?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <410a81$rlh@news.iadfw.net>
Source record: 213675

mparkes@aol.com (Mparkes) wrote:

>I think I remember seeing a posting here which outlined a softmod for the
>Yaesu 51r which opens the receiver up even more. Anyone have any info on
>this?
>Thanks,
>Mike KS4DA

Try this FTP ftp://kilroy.jpl.nasa.gov/pub/hamradio/mods/

There are three files under the YAESU directory. They are ft51r.mod, ft51r-1.mod and ft51r-2.mod. I think they contain most of the mods that have been released so far. Be aware that you may have some problems with doing the hardware mods. I did the expanded receive when I first got my 51R and found that I could no longer load and save profiles on the software package that I bought with it. I fixed it back and have not played with it much since. From what I heard it does not really receive that well beyond the extended receive that is already built into the radio. One of the three files that you can download states what the reception is like when the receiver is hardware expanded. 73's ....Floyd (WD5ENJ)

738. RIG WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: cfrancis@direct.ca
Message-ID: <410cn5$qg3@grid.Direct.CA>
Source record: 213676

I would like to ask for a good soul that has a spare Kenwood 450.
I was forced by $ situation to sell mine and you don't know how
much I miss the rig and you guys. If anybody can help me, I will very,
very much appreciate your gesture. I could pay some money or installments.
THANKS ! VE7UVC

739. Sony ICF-SW100S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: ni4k@aol.com
Message-ID: <410dh1$kqr@newsbf02.news.aol.com>
Source record: 213677

Can anyone tell me if this is a good radio to travel with? I've read the sales literature but would like to hear from a owner before spending that much money. I'm particularly interested in SSB reception.
Reply to ni4k@aol.com
Thanks.

740. Extended Rcv on FT51r?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <40vngd$djf@newsbf02.news.aol.com>
Source record: 213678

I think I remember seeing a posting here which outlined a softmod for the Yaesu 51r which opens the receiver up even more. Anyone have any info on this?
Thanks,
Mike KS4DA

741. BEST MOBILE 2M Radio!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: Jhgt@cris.com
Message-ID: <40vnc2$5hh@warp.cris.com>
Source record: 213679

Can someone help me? What is the best 2M Mobile with 440 RX?
I am looking for one new mobile for my car! I have $400 to spend
on that radio! What radios do you guys recommend me?
I have been thinking in the Alinco 150T and the Icom IC-281H,
wich is best? any other?

742. ICOM 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: Peter Bealo <peter.bealo@iis.varian.com>
Message-ID: <40vofo$8kj@falcon.varian.com>
Source record: 213680

Anyone out there have experience with this rig yet??

How is it on HF?? 6 meters?? 2 meters?? Any significant problems??

Am looking for info before I get my heart set on one of these for my car
(a Ford Explorer)

Peter Bealo

743. Re: Personal Phone Patch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Message-ID: <Pine.SUN.3.90.950817203859.14264A-100000@snowwhite>
Source record: 213681

On 17 Aug 1995, Paul Bobby wrote:

>
> What should I be looking for to set up a personal phone patch?
>
> I'll run a 2m rig continously, on a simplex freq. but do'nt know much
> about it beyond that.
>
> kb2vkn
>
> --
> Paul Bobby - pbobby@ix.netcom.com
>
>
Paul,

I have run a CSI model CS-900 connected to a Alinco DR-590 on the VHF side for about a year and am very happy with it. (I call it my poor-man cellar) I keep the radio on a simplex freq. with tone Sql. on so others that may use the same freq. don't come into the house.
It is not quite a slick as a repeater autopatch but when the person on the phone understands the "you talk - then I talk" protocal it works fine. This setup can be run through a repeater that passes DTMF tones (not many do) or you can set up a call for someone on a repeater through your radio.
I connected the audio from the speaker jack to the CS-900 through a relay to an external speaker, and a 8-pin mic cable to a breakout box and run audio and PTT in parallel with the reg. mic. I use the radio as a base station with no problems and when I'm done just push the call button to get back on the simplex freq. The CS-900 has a 99 no. speed dial and has toll restrictions and can ring out on the air with your call or Tel. tone. I have set it up where I can call into the house and access the radio to call my wife while she's in the car.

I think I paid new $329.00 for the unit and for our needs it works fine. I work 3 miles from home and with 3 kids and all the ballparks and stuff we do around the neighborhood it is a good alt. to a real phone.

If you have any other questions let me know..73's Dale (KD4CVR)

Email= dxgoodm@mercury.ptes.com
packet=KD4CVR@KD4CVR.#NOCAL.CA.USA.NOAM

744. Signal One (CX7A)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: "S. L. Hose" <NUHOSE@befac.indstate.edu>
Message-ID: <DDGyCE.ExJ@onyx.indstate.edu>
Source record: 213682

Anyone out there that would have extra parts, mods., info of any kind?
I have one that is not working and I would like to get on the air.
Tnx fer ur help in advance,
73,
Steve KD1DT

745. Heath HD-20 Crystal Calibrator info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: tdrumm@sparc.isl.net
Message-ID: <410s2k$mv9@news.isl.net>
Source record: 213683

I have an old Heathkit HD-20 100KHz Crystal Calibrator from my first time in ham radio (circa 1971). Somewhere along the line, I lost the manual for it. Luckily, I didn't have the same problem with my HW-16! Anyway, does anyone know anything about it? I have a few questions. It used some old-style battery which had clips like a 9V, but I think they were on each end. Does anyone know what voltage it was? Also, I'd like to know the adjustment procedure. I imagine it's done using WWV but, ahem, it's been a while!

I have it and it might be nice to be able to use it!

Thanks,
Tony - AA0SM

746. Mail failure

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: POSTMASTER@crmain.msmail.uthscsa.EDU
Message-ID: <01HU6G7AX9TE003VW1@uthscsa.edu>
Source record: 213684

```
FROM: Adminstrator
TO: Ham-Equip Mailing List and Newsgroup DATE: 08-17-95
TIME: 11:46
SUBJECT: Mail failure
------------------------------------------------------------------------------

User mail failed mailing to mailbag (file contention):
UTHSCSA/CRMAIN/muenzlerk

------------------------------------------------------------------------------
FROM: Ham-Equip Mailing List and Newsgroup (SMTP:ham-equip@ucsd.edu)

TO: SMTP:Ham-Equip@ucsd.edu

SUBJECT: Ham-Equip Digest V95 #345

------------------------------------------------------------------------------

Ham-Equip Digest Thu, 17 Aug 95 Volume 95 : Issue 345

Today's Topics:
2 Meter + Business VHF (2 msgs)
FT-840 vs IC-735
FT-8500 question
Hull 5150 SSB transceiver
I buy a radio...
IC751 Microphone
Icom 751a: opinions wanted
ICOM Z1A
Mods wonted for TW-4100
Motorola radius question
need manual for JR500S
O-330A/FR or VOX-5 schematic needed
Sony ICF-SW100E/S !
Standard C508A Dual Band Micro HT
TH25-A scheme, help me
TSQ on 51r will not work thru a repeater???
Wanted: Mods for Alinco DJ-G5
Wanted usenet info (2 msgs)
WTB: Collins Power supply

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".
```

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 15 Aug 1995 17:45:55 -0400
From: crobbinsnc@aol.com (CRobbinsNC)
Subject: 2 Meter + Business VHF

Most radios can be converted but the problem, Ham stuff in not generally
type accepted on the commercial band. May look for Commercial that will
go into ham to be better off on that part.

CARL
And I thought it was just ME having hard times!!!!!!!!!!!!!!!!!!

CARL

Date: 15 Aug 1995 16:19:51 GMT
From: barry@indirect.com (Barry Rose)
Subject: 2 Meter + Business VHF

In article <1995Aug11.173537.25538@us.dg.com>,
pmalenfa@kitkat.webo.dg.com (pmalenfa) wrote:
>Does anyone know of a 2 Meter portable radio that is capable of
>tx/rx on the frequencies used by the business VHF transceivers?
>I believe the business ones go from 152-158 MHz.
>It seems like they are so close that people who are licensed for
>both should be able to find a single unit that can do both.
>
Sure, a lot of them can be modified to go to the commercial bands.
But dont get caught. The fine is pretty stiff.

Barry Rose

Date: 16 Aug 1995 13:13:16 GMT
From: sgray@news-server.UCSD.EDU (Steven Gray)
Subject: FT-840 vs IC-735

ANDRES MARTINEZ (amnet@ix.netcom.com) wrote:
: I'm undecided between buying a new Yaesu FT-840 and the ICOM IC-735
: which I can find used for about the same price ($800).

: They both have Gen.Cov. Receiver and dual VFO. I'm concern about
: reliability and signal clarity on the air.

: Which one do you think is a better choice ?

I would not vote in favor of the Icom 735. I had one for a couple of
years, and was *never* impressed with its receiver. The 735 design seemed
to incorporate a great deal of synthesizer noise, resulting in a poor
noise floor (making weak signal reception difficult) and what I perceived

as a poor dynamic range.

In addition, I came to hate the little slide pots under the front cover:
difficult and touchy to adjust.

Personally, I would recommend against the Icom 735 (and the Kenwood 140s
as well, for what it's worth).

Good luck!

---Steve Gray
nr3b

Date: 16 Aug 1995 06:13:59 GMT
From: bgt@thomascomm.com (Brad Thomas)
Subject: FT-8500 question

>The transmitted audio on these radios (at least the three I've heard)
>has absolutely SUCKED. It is very bass sounding and muffled, bordering
>on distorted. I'm not impressed by this and wonder why a radio that
>costs as much as this sounds so cheap.

Yaesu has a mod to fix this. As with all new designs theres sometimes bugs
to work out. The audio seems to be echoing around inside the "pickel" making
it bassy. I sent mine in to Yaesu and they fixed it at no charge. On air
reports
say it's 100% better and sounds great.

With the new mike comming out for the 8500 there wont be this problem as it
is not as big and hollow as the "pickel". It's standard size.

73's
-Brad

Date: 16 Aug 1995 11:59:36 GMT
From: spearce@ccu1.auckland.ac.nz
Subject: Hull 5150 SSB transceiver

Hi.

I recently acquired on loan a Hull 5150 SSB Marine HF Transceiver.
Unfortunately it did not come with a manual.

It has an rs232 type connector at the back as well as an accessory sockets.
The front panel
contains a 16 key pad , a lcd frequency display, and a tuning and mode knobs.

I would like to know the protocol for the rs232 connector, and also how one
can control
the rf gain on both transmit and receive in this device.

I would very much appreciate hearing from anyone with experience or
information on the rig

Thanks
Stephen Pearce

Date: 15 Aug 1995 00:12:26 GMT
From: matjoao@ci.ua.pt (Joao Martins)
Subject: I buy a radio...

Hi...

I'm new on this stuff. I'm waiting my caller sign and I need to
buy a radio. I'm searching for RIG and for a table radio.

Who is interested to sell? Make your offer!

Tks...

Greetings,
Joao

--
Greetings,

Joao Martins

+---+
Joao Martins	E-mail: matjoao@zeus.ci.ua.pt
operating from	Fidonet: 2:361/4.8
Universidade de Aveiro	Lusonet: 16:16001/3.8
+---+

Date: 15 Aug 1995 18:31:06 -0400
From: eagle2861@aol.com (EAGLE2861)
Subject: IC751 Microphone

Anyone have any info on mic pinout fot the IC751?
If so please e-mail to: eagle2861@aol.com or eagle28@ix.netcom.com.

Thanks in advance,
Jerry

Date: 16 Aug 1995 13:22:57 GMT
From: sgray@news-server.UCSD.EDU (Steven Gray)
Subject: Icom 751a: opinions wanted

Peter A. Klein (pklein@news.seattleu.edu) wrote:

: Based on the above, I've thought about getting a used Icom 751a. However,
: after reading the ARRL Radio Buyer's Sourcebook (reprinted QST reviews)

: and talking to a few people (including ICOM service), I'm confused. I've
: been told that "the 751a was the best radio Icom ever made." I've also
: been told that the just-discontinued IC-735 receiver will outperform the
: 751a, that the 751a runs hot, and that the 751a has a similar front end to
: the 745 and may have similar overload problems.

Peter -

I can only coment on one aspect of your posting. I owned a 735 for a couple
of years, and have had the opportunity to operate a friend's recently
purchased 751a. There is simply *no way* that the 735's receiver is as
good as, or better than, the 751a's receiver.

When using the 735, I always thought it was a mediocre, noisy receiver -
I never missed the rig after I sold it. The 751a always seemed more
sensitive and less noisy; personally I'd buy one in a second *if* I could
afford it.

Good luck!

---Steve Gray
nr3b

Date: 16 Aug 1995 12:53:19 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: ICOM Z1A

>>The ICOM advertizements all have the internet address for ICOM. Send
>>them a note and they will respond with the software mods for you.
>>It worked for me!
>>
I didn't have an advert at hand when I first responded. Looking at a
current ICOM ad, they advertize their internet address as:

75540.525@compuserve.com

This address was sufficient for me to ask for and get the software mods
for my IC-W31A in June of this year. This beats a technical support hot
line hands down in my opinion.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 16 Aug 1995 13:57:11 GMT
From: tomk@tkk735.research.ptt.nl (Knaap T.A. vd)

Subject: Mods wonted for TW-4100

I just got a Kenwood TW-4100E and I am looking for the functions of the
diodes in the frontpanel. I found mods for TX/RX extention with the diodes
D6 (UHF) and D8 (VHF).
In my 4100E version are the D1, D2, D3, D4 and D5 already removed and
in the 4100A version are the D3, D4, D5 and D7 already removed.
So I am looking for functions of these diode if they are installed/removed.

------- -------------------- Tom van der Knaap
| k p n | r e s e a r c h | The Netherlands
| _| | +31 70 3325169
| _|_| . . . . . | e-mail address:
|___|_|
T.A.vanderKnaap@research.ptt.nl
My interest is in the future because packet address:
I am going to spend the rest of my life there. PA3GQL@PI8VNW.#ZH2.NLD.EU

Date: 15 Aug 1995 17:45:49 -0400
From: crobbinsnc@aol.com (CRobbinsNC)
Subject: Motorola radius question

Jeff,

Depending on the age, the P-110 MIGHT go more channels. Some do, some
don't. They made a 2 watt and a 4 or 5 watt depending on VHF or UHF. ALL
RADIUS products except P-10, SP-10, P-50 are programmable

CARL
And I thought it was just ME having hard times!!!!!!!!!!!!!!!!!!

CARL

Date: 16 Aug 95 16:24:10 GMT
From: wlfuqu00@service1.UKy.EDU (Bill Fuqua)
Subject: need manual for JR500S

Just got a JR500S ham band only receiver at ham fest. It is a tube type
receiver perhaps made in the 60's. Seems to work well,needs
alignment,considering it looks like it had been stored in a damp basement.
I need a schematic and maybe specs on it. Can anyone help me out?
Hope to use it with a simple cw transmitter to help some young novice
operators (tech +) get started doing something other than using their HT's.

William L. Fuqua III P.E.
Department of Physics and Astronomy
CP-177 Chem. Phys. Bldg.
University of Kentucky
Lexington, Ky 40506-0055
E-mail WLFUQU00@POP.UKY.EDU

Phone (606) 257-4155

Date: 16 Aug 95 15:05:16 GMT
From: wlfuqu00@service1.UKy.EDU (Bill Fuqua)
Subject: O-330A/FR or VOX-5 schematic needed

I need a schematic of a O-330A/FR or a VOX-5 variable master oscillator.
It seems to be for diversity receivers with a variable outputs of 2 to 64
MHz , two crystal oscillatos and a BFO. A two stage oven keeps the variable
oscillator stable. Each oscillator has 3 outputs as well.

73
Bill
ko4ww

William L. Fuqua III P.E.
Department of Physics and Astronomy
CP-177 Chem. Phys. Bldg.
University of Kentucky
Lexington, Ky 40506-0055
E-mail WLFUQU00@POP.UKY.EDU
Phone (606) 257-4155

Date: 15 Aug 1995 03:18:49 GMT
From: danchan@hk.super.net (Mr Daniel Y K CHAN)
Subject: Sony ICF-SW100E/S !

Does anybody got some info/spec of Sony ICF-SW100E(S) model Worldband
Receiver?

Please email to me!

Dan

Date: 14 Aug 1995 17:44:03 -0400
From: glennmead@aol.com (Glenn Mead)
Subject: Standard C508A Dual Band Micro HT

I got rid of mine. The display and the faceplate
were too hard to read. I replaced it with an
ICOM w-31A, which I really like.

Date: 16 Aug 1995 12:52:55 GMT
From: victor@ibpm.serpukhov.su (Victor Voronkov)
Subject: TH25-A scheme, help me

I have Kenwood TH-25A which was broken recently :-(

I need a scheme (block diagram, board layout, schematic diagram)
for analyse and repair. I have a manual only.

If you can make a copy and send paper to me, PSE let me know.

73! RX3DIN Victor
---
http://www.stack.serpukhov.su/~victor/hamradio

Date: 15 Aug 1995 19:13:35 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: TSQ on 51r will not work thru a repeater???

I am trying to get my parents to get their ham license. One of them is
going to take the test today. I am also planning on taking both of their
VISA cards shopping for two new FT-51Rs. Just out of curiosity, have you
tried using the CTCSS on more than one repeater? If I were to look at
this through the eyes of a troubleshooter, I would say that the repeater
might be doing something to your tone as it passes through. The fact that
the other guy you talked to recieved your tone may mean that the bandwith
of his CTCSS recieve unit might be larger than those found on the Yaesu.
Does it do this to all 23 tones? Repeters often take out tones that come
in through the input freq. Or like I said, it might just be changing it
just enough that your radio can't decode the tone. I think your best bet
would be to find another repeater and try it on that, and maybe a few more
if you are in an area where there are a lot of repeaters.

Best of luck

Max
N7NWG

Date: 16 Aug 1995 19:05:55 GMT
From: infocom@inet.uni-c.dk
Subject: Wanted: Mods for Alinco DJ-G5

I would appreciate any info on this new ht from Alinco.

Date: 15 Aug 1995 01:04:18 GMT
From: David Solomon <70353.403@CompuServe.COM>
Subject: Wanted usenet info

Is there a usenet newsgroup for buying and selling ham equipment?

Thanks in advance for any information!

73 de David KB2SDD

Date: 15 Aug 1995 15:46:13 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: Wanted usenet info

David Solomon <70353.403@CompuServe.COM> writes:
>Is there a usenet newsgroup for buying and selling ham equipment?
>Thanks in advance for any information!
>73 de David KB2SDD
rec.radio.swap is primarily ham stuff, 'tho plenty of non-amateur toys as
well.
Chris, N7RME

Date: 16 Aug 1995 21:18:24 GMT
From: Ken <radioken@sierra.net>
Subject: WTB: Collins Power supply

The power supply that fits onto the rear of a
KWM-2 is a model No. "PM-2".
Ken

End of Ham-Equip Digest V95 #345
****

747. Mail failure

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: POSTMASTER@crmain.msmail.uthscsa.EDU
Message-ID: <01HU6G7C7W1Y003VW1@uthscsa.edu>
Source record: 213685

FROM: Adminstrator
TO: Ham-Equip Mailing List and Newsgroup DATE: 08-17-95
TIME: 11:46
SUBJECT: Mail failure

User mail failed mailing to mailbag (file does not exist):

FROM: Ham-Equip Mailing List and Newsgroup (SMTP:ham-equip@ucsd.edu)

TO: SMTP:Ham-Equip@ucsd.edu

SUBJECT: Ham-Equip Digest V95 #345

Ham-Equip Digest Thu, 17 Aug 95 Volume 95 : Issue 345

Today's Topics:
2 Meter + Business VHF (2 msgs)
FT-840 vs IC-735
FT-8500 question
Hull 5150 SSB transceiver
I buy a radio...
IC751 Microphone
Icom 751a: opinions wanted
ICOM Z1A
Mods wonted for TW-4100
Motorola radius question
need manual for JR500S
O-330A/FR or VOX-5 schematic needed
Sony ICF-SW100E/S !
Standard C508A Dual Band Micro HT
TH25-A scheme, help me
TSQ on 51r will not work thru a repeater???
Wanted: Mods for Alinco DJ-G5
Wanted usenet info (2 msgs)
WTB: Collins Power supply

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 15 Aug 1995 17:45:55 -0400
From: crobbinsnc@aol.com (CRobbinsNC)
Subject: 2 Meter + Business VHF

Most radios can be converted but the problem, Ham stuff in not generally
type accepted on the commercial band. May look for Commercial that will
go into ham to be better off on that part.

CARL
And I thought it was just ME having hard times!!!!!!!!!!!!!!!!!!

CARL

Date: 15 Aug 1995 16:19:51 GMT
From: barry@indirect.com (Barry Rose)
Subject: 2 Meter + Business VHF

In article <1995Aug11.173537.25538@us.dg.com>,
pmalenfa@kitkat.webo.dg.com (pmalenfa) wrote:
>Does anyone know of a 2 Meter portable radio that is capable of
>tx/rx on the frequencies used by the business VHF transceivers?
>I believe the business ones go from 152-158 MHz.
>It seems like they are so close that people who are licensed for
>both should be able to find a single unit that can do both.
>
Sure, a lot of them can be modified to go to the commercial bands.
But dont get caught. The fine is pretty stiff.

Barry Rose

Date: 16 Aug 1995 13:13:16 GMT
From: sgray@news-server.UCSD.EDU (Steven Gray)
Subject: FT-840 vs IC-735

ANDRES MARTINEZ (amnet@ix.netcom.com) wrote:
: I'm undecided between buying a new Yaesu FT-840 and the ICOM IC-735
: which I can find used for about the same price ($800).

: They both have Gen.Cov. Receiver and dual VFO. I'm concern about
: reliability and signal clarity on the air.

: Which one do you think is a better choice ?

I would not vote in favor of the Icom 735. I had one for a couple of
years, and was *never* impressed with its receiver. The 735 design seemed
to incorporate a great deal of synthesizer noise, resulting in a poor
noise floor (making weak signal reception difficult) and what I perceived

as a poor dynamic range.

In addition, I came to hate the little slide pots under the front cover:
difficult and touchy to adjust.

Personally, I would recommend against the Icom 735 (and the Kenwood 140s
as well, for what it's worth).

Good luck!

---Steve Gray
nr3b

Date: 16 Aug 1995 06:13:59 GMT
From: bgt@thomascomm.com (Brad Thomas)
Subject: FT-8500 question

>The transmitted audio on these radios (at least the three I've heard)
>has absolutely SUCKED. It is very bass sounding and muffled, bordering
>on distorted. I'm not impressed by this and wonder why a radio that
>costs as much as this sounds so cheap.

Yaesu has a mod to fix this. As with all new designs theres sometimes bugs
to work out. The audio seems to be echoing around inside the "pickel" making
it bassy. I sent mine in to Yaesu and they fixed it at no charge. On air
reports
say it's 100% better and sounds great.

With the new mike comming out for the 8500 there wont be this problem as it
is not as big and hollow as the "pickel". It's standard size.

73's
-Brad

Date: 16 Aug 1995 11:59:36 GMT
From: spearce@ccu1.auckland.ac.nz
Subject: Hull 5150 SSB transceiver

Hi.

I recently acquired on loan a Hull 5150 SSB Marine HF Transceiver.
Unfortunately it did not come with a manual.

It has an rs232 type connector at the back as well as an accessory sockets.
The front panel
contains a 16 key pad , a lcd frequency display, and a tuning and mode knobs.

I would like to know the protocol for the rs232 connector, and also how one
can control
the rf gain on both transmit and receive in this device.

I would very much appreciate hearing from anyone with experience or
information on the rig

Thanks
Stephen Pearce

Date: 15 Aug 1995 00:12:26 GMT
From: matjoao@ci.ua.pt (Joao Martins)
Subject: I buy a radio...

Hi...

I'm new on this stuff. I'm waiting my caller sign and I need to
buy a radio. I'm searching for RIG and for a table radio.

Who is interested to sell? Make your offer!

Tks...

Greetings,
Joao

--
Greetings,

Joao Martins

+---+
Joao Martins	E-mail: matjoao@zeus.ci.ua.pt
operating from	Fidonet: 2:361/4.8
Universidade de Aveiro	Lusonet: 16:16001/3.8
+---+

Date: 15 Aug 1995 18:31:06 -0400
From: eagle2861@aol.com (EAGLE2861)
Subject: IC751 Microphone

Anyone have any info on mic pinout fot the IC751?
If so please e-mail to: eagle2861@aol.com or eagle28@ix.netcom.com.

Thanks in advance,
Jerry

Date: 16 Aug 1995 13:22:57 GMT
From: sgray@news-server.UCSD.EDU (Steven Gray)
Subject: Icom 751a: opinions wanted

Peter A. Klein (pklein@news.seattleu.edu) wrote:

: Based on the above, I've thought about getting a used Icom 751a. However,
: after reading the ARRL Radio Buyer's Sourcebook (reprinted QST reviews)

: and talking to a few people (including ICOM service), I'm confused. I've
: been told that "the 751a was the best radio Icom ever made." I've also
: been told that the just-discontinued IC-735 receiver will outperform the
: 751a, that the 751a runs hot, and that the 751a has a similar front end to
: the 745 and may have similar overload problems.

Peter -

I can only coment on one aspect of your posting. I owned a 735 for a couple
of years, and have had the opportunity to operate a friend's recently
purchased 751a. There is simply *no way* that the 735's receiver is as
good as, or better than, the 751a's receiver.

When using the 735, I always thought it was a mediocre, noisy receiver -
I never missed the rig after I sold it. The 751a always seemed more
sensitive and less noisy; personally I'd buy one in a second *if* I could
afford it.

Good luck!

---Steve Gray
nr3b

Date: 16 Aug 1995 12:53:19 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: ICOM Z1A

>>The ICOM advertizements all have the internet address for ICOM. Send
>>them a note and they will respond with the software mods for you.
>>It worked for me!
>>
I didn't have an advert at hand when I first responded. Looking at a
current ICOM ad, they advertize their internet address as:

75540.525@compuserve.com

This address was sufficient for me to ask for and get the software mods
for my IC-W31A in June of this year. This beats a technical support hot
line hands down in my opinion.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 16 Aug 1995 13:57:11 GMT
From: tomk@tkk735.research.ptt.nl (Knaap T.A. vd)

Subject: Mods wonted for TW-4100

I just got a Kenwood TW-4100E and I am looking for the functions of the
diodes in the frontpanel. I found mods for TX/RX extention with the diodes
D6 (UHF) and D8 (VHF).
In my 4100E version are the D1, D2, D3, D4 and D5 already removed and
in the 4100A version are the D3, D4, D5 and D7 already removed.
So I am looking for functions of these diode if they are installed/removed.

------- -------------------- Tom van der Knaap
| k p n | r e s e a r c h | The Netherlands
| _| | +31 70 3325169
| _|_| . . . . . | e-mail address:
|___|_|
T.A.vanderKnaap@research.ptt.nl
My interest is in the future because packet address:
I am going to spend the rest of my life there. PA3GQL@PI8VNW.#ZH2.NLD.EU

Date: 15 Aug 1995 17:45:49 -0400
From: crobbinsnc@aol.com (CRobbinsNC)
Subject: Motorola radius question

Jeff,

Depending on the age, the P-110 MIGHT go more channels. Some do, some
don't. They made a 2 watt and a 4 or 5 watt depending on VHF or UHF. ALL
RADIUS products except P-10, SP-10, P-50 are programmable

CARL
And I thought it was just ME having hard times!!!!!!!!!!!!!!!!!!

CARL

Date: 16 Aug 95 16:24:10 GMT
From: wlfuqu00@service1.UKy.EDU (Bill Fuqua)
Subject: need manual for JR500S

Just got a JR500S ham band only receiver at ham fest. It is a tube type
receiver perhaps made in the 60's. Seems to work well,needs
alignment,considering it looks like it had been stored in a damp basement.
I need a schematic and maybe specs on it. Can anyone help me out?
Hope to use it with a simple cw transmitter to help some young novice
operators (tech +) get started doing something other than using their HT's.

William L. Fuqua III P.E.
Department of Physics and Astronomy
CP-177 Chem. Phys. Bldg.
University of Kentucky
Lexington, Ky 40506-0055
E-mail WLFUQU00@POP.UKY.EDU

Phone (606) 257-4155

Date: 16 Aug 95 15:05:16 GMT
From: wlfuqu00@service1.UKy.EDU (Bill Fuqua)
Subject: O-330A/FR or VOX-5 schematic needed

I need a schematic of a O-330A/FR or a VOX-5 variable master oscillator.
It seems to be for diversity receivers with a variable outputs of 2 to 64
MHz , two crystal oscillatos and a BFO. A two stage oven keeps the variable
oscillator stable. Each oscillator has 3 outputs as well.

73
Bill
ko4ww

William L. Fuqua III P.E.
Department of Physics and Astronomy
CP-177 Chem. Phys. Bldg.
University of Kentucky
Lexington, Ky 40506-0055
E-mail WLFUQU00@POP.UKY.EDU
Phone (606) 257-4155

Date: 15 Aug 1995 03:18:49 GMT
From: danchan@hk.super.net (Mr Daniel Y K CHAN)
Subject: Sony ICF-SW100E/S !

Does anybody got some info/spec of Sony ICF-SW100E(S) model Worldband
Receiver?

Please email to me!

Dan

Date: 14 Aug 1995 17:44:03 -0400
From: glennmead@aol.com (Glenn Mead)
Subject: Standard C508A Dual Band Micro HT

I got rid of mine. The display and the faceplate
were too hard to read. I replaced it with an
ICOM w-31A, which I really like.

Date: 16 Aug 1995 12:52:55 GMT
From: victor@ibpm.serpukhov.su (Victor Voronkov)
Subject: TH25-A scheme, help me

I have Kenwood TH-25A which was broken recently :-(

I need a scheme (block diagram, board layout, schematic diagram)
for analyse and repair. I have a manual only.

If you can make a copy and send paper to me, PSE let me know.

73! RX3DIN Victor
---
http://www.stack.serpukhov.su/~victor/hamradio

Date: 15 Aug 1995 19:13:35 GMT
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Subject: TSQ on 51r will not work thru a repeater???

I am trying to get my parents to get their ham license. One of them is
going to take the test today. I am also planning on taking both of their
VISA cards shopping for two new FT-51Rs. Just out of curiosity, have you
tried using the CTCSS on more than one repeater? If I were to look at
this through the eyes of a troubleshooter, I would say that the repeater
might be doing something to your tone as it passes through. The fact that
the other guy you talked to recieved your tone may mean that the bandwith
of his CTCSS recieve unit might be larger than those found on the Yaesu.
Does it do this to all 23 tones? Repeters often take out tones that come
in through the input freq. Or like I said, it might just be changing it
just enough that your radio can't decode the tone. I think your best bet
would be to find another repeater and try it on that, and maybe a few more
if you are in an area where there are a lot of repeaters.

Best of luck

Max
N7NWG

Date: 16 Aug 1995 19:05:55 GMT
From: infocom@inet.uni-c.dk
Subject: Wanted: Mods for Alinco DJ-G5

I would appreciate any info on this new ht from Alinco.

Date: 15 Aug 1995 01:04:18 GMT
From: David Solomon <70353.403@CompuServe.COM>
Subject: Wanted usenet info

Is there a usenet newsgroup for buying and selling ham equipment?

Thanks in advance for any information!

73 de David KB2SDD

Date: 15 Aug 1995 15:46:13 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: Wanted usenet info

David Solomon <70353.403@CompuServe.COM> writes:
>Is there a usenet newsgroup for buying and selling ham equipment?
>Thanks in advance for any information!
>73 de David KB2SDD
rec.radio.swap is primarily ham stuff, 'tho plenty of non-amateur toys as
well.
Chris, N7RME

Date: 16 Aug 1995 21:18:24 GMT
From: Ken <radioken@sierra.net>
Subject: WTB: Collins Power supply

The power supply that fits onto the rear of a
KWM-2 is a model No. "PM-2".
Ken

End of Ham-Equip Digest V95 #345
****

748. Re: Free rig for beginner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: SAM.BRADSHAW@f17.n275.z1.fidonet.org
Message-ID: <547_9508192312@woodybbs.com>
Source record: 213686

Hey chuck, can this do SSB, if so does it have a mic? can we discuss shipping it to ohio?(I pay) `73 de kb8zzs, hopeing to upgrade to tech + soon.

--- SLMAIL v4.5a (#2316)
Origin: Ar-Net: The Gold Line BBS +Geneva Oh+ (216)466-6424 (73:4300/0)
--
|Fidonet: SAM BRADSHAW 1:275/17
|Internet: SAM.BRADSHAW@f17.n275.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

749. KENWOOD RELIABILITY

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-17 00:00:00 UTC
From: "Edwin J. Bailen" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.950817220643.23112D-100000@matrix.eden.com>
Source record: 213687

When we got married (14 years ago) my wife bought herself a TS-530S, and her dad had a Yaesu FT-101. A few years later he got a TS-430. After 6 or 8 years, the TS-430 became intermittent, and her dad gave it to us when he bought a TS-440AT. The TS-430 stopped being intermittent when I made a (full-power) FM xmission on 10 meters. For $60 Kenwood soldered the finals back in and repaired the PWB and the rig has worked flawlessly ever since.

A few years ago, the TS-440 started acting up, and my father-in-law gave it to us when he got a TS-450AT. I changed out the recommended parts in the VCO5 circuit, and got it working (more or less).

Last week, his TS-450 stopped transmitting. He bought another one and is getting the first one fixed. My question is: except for the TS-530S (which was still working perfectly when we sold it last year) the other Kenwood products haven't looked too good. Is this typical? (Not that I am complaining!) ;-)

750. Re: Filters for the Ts-450s/AT ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: explorer@phoenix.net
Message-ID: <4120c4$l0o_001@news.phoenix.net>
Source record: 213602

In article <40ovpk$cin@newsbf02.news.aol.com>,
buddy10@aol.com (BUDDY10) wrote:
>I am a newbie so I hope someone can help me with this. I will soon(2.5
>Months)be getting a Ts-450s/AT. In looking at the literature for it I
>noticed that an assortment of filters are available for it. What are they
>for ? Should I get some ? Which ones ?
>Thanks !
>P.S. I do plan to do CW operation.

The TS-450S/AT comes with a 12 khz filter for FM, 6 khz filter for AM, and one 2.4 khz filter for ssb. You can optionally add in three additional filters. You add an additional ssb filter and two cw filters. Kenwood makes a couple of choices for each. Each filter narrows the bandwidth of the signal passed to through the various intermediate stages of the radio basically chopping off what is outside of the filter bandwidth centered on the radio receive frequency. If you are going to do CW, I would strongly suggest you add a 500 hz CW filter in one of the two CW slots. On a very crowded band, you might consider the narrower option of 270 hz although the quality of the signal passed is pretty poor. For ssb, I added a 2.1 khz filter which allows me to tighten down slightly on the already included 2.4 khz filter making some crowded conversations receivable.

The 450 is a great rig. I hope you get as much enjoyment out of yours as I have had from mine.

73...de KJ5AZ, Jeff Racz, Houston, Texas
explorer@phoenix.net

751. Re: TS-450AT Comments???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: explorer@phoenix.net
Message-ID: <4120gp$l0o_002@news.phoenix.net>
Source record: 213603

In article <DDGuJx.FLH@apollo.hp.com>,
dsa@ch.apollo.hp.com (Dale Anderson) wrote:
>
> Hi Everyone,
>
> I'm considering dropping ~$1200 on a new TS-450AT. Before I do,
> are there any NEGATIVE "features" to this rig I should be aware of?
> This will be a first rig for me. It will mostly be used for CW
> operation. Any comments pro/con?
>
> Thanks,
> -Dale
>

Dale...

To do CW, you will need to add a filter for CW that is not included in the rig out of the box. There are several options. I have a 500 hz filter installed and it has really helped a lot. Think there is also a 270 hz option. That would be a bit tight but then again might help get a signal out of a crowded band.

73...de KJ5AZ, Jeff Racz, Houston, Texas
explorer@phoenix.net

752. Returned mail: Local configuration error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: MAILER-DAEMON@uoknor.EDU
Message-ID: <199508181232.HAA19194@ooz.backbone.uoknor.edu>
Source record: 213604

```
This is a MIME-encapsulated message

--HAA19194.808749149/ooz.backbone.uoknor.edu

The original message was received at Fri, 18 Aug 1995 07:32:26 -0500
from aardvark.ucs.uoknor.edu [129.15.10.11]

----- The following addresses had delivery problems -----
<arees@elect1.chem.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@elect1.chem.uoknor.edu>... Local configuration error

----- Original message follows -----

--HAA19194.808749149/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with ESMTP id HAA19188 for
<arees@elect1.chem.uoknor.edu>; Fri, 18 Aug 1995 07:32:26 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HU7LDP9JLS000ZLU@aardvark.ucs.uoknor.edu>; Fri,
18 Aug 1995 07:35:04 -0500 (CDT)
Date: Fri, 18 Aug 1995 07:35:04 -0500 (CDT)
Subject: Ham-Equip Digest V95 #347
To: arees@elect1.chem.uoknor.edu
Message-id: <01HU7LDPBORM000ZLU@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect1.chem.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HU7LDIC41S0013CU@aardvark.ucs.uoknor.edu>; Fri,
18 Aug 1995 07:34:57 -0500 (CDT)
Received: by mail.ucsd.edu; id EAA14486 sendmail 8.6.12/UCSD-2.2-sun Fri,
18 Aug 1995 04:30:32 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id EAA14479 sendmail 8.6.12/UCSD-2.2-sun Fri,
18 Aug 1995 04:30:30 -0700 for ham-equip-ddist
Date: Fri, 18 Aug 1995 04:30:29 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
```

Subject: Ham-Equip Digest V95 #347
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199508181130.EAA14479@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Fri, 18 Aug 95 Volume 95 : Issue 347

Today's Topics:
HQ-170C Parts Needed
Need info on Kenwood TH-79A!

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 16 Aug 1995 16:00:46 GMT
From: GeorgeZiga@oai.org (George R. Ziga)
Subject: HQ-170C Parts Needed

I have an HQ-170C receiver, circa 1958 that I "acquired" in 1961, used for
about 15 years, and then put on a shelf after it blew its power supply.
I'm thinking about working on it as a project when the snow flies, and am
looking for the requisite parts (or a source of parts that I can contact)
to repair the unit. Here they are:

Part Description Part Number

T12 160M Antenna Coil K38926-1

T27 Power Transformer P26305-1

L6 8 Hy Filter Choke K26302-1

I realize I can find other power transformers and chokes to work in the
receiver, but I'd rather use OEM parts so I don't have to drill more
holes, make more mess, and disturb who-knows-what. :^)

Any help would be appreciated. Please reply directly via email.

Thanks... WA8AJL

--
George R. Ziga Ohio Aerospace Institute
216/962-3060 22800 Cedar Point Rd.
216/962/3200 - Fax Cleveland, OH 44142
GeorgeZiga@oai.org

There is a special place in hell for those, who, in a period of
moral crisis, maintain their neutrality.

--- Dante

Date: 11 Aug 1995 04:54:40 GMT
From: hippolyte tournier <tournier@iprolink.ch>
Subject: Need info on Kenwood TH-79A!

n5zgt@swcp.com (Brian Mileshosky) wrote:

Hi Brian,I understand that the th 79a has been superseded by the th79d,d for de-luxe.
This is a better version of the hand held,correcting several
bugs .

End of Ham-Equip Digest V95 #347
****

--HAA19194.808749149/ooz.backbone.uoknor.edu--

753. PRODUCT REVIEW: PALOMAR ENGINEERS R-X NOISE BRIDGE (model RX-100)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: mc@shore.net
Message-ID: <4128mo$gas@northshore.shore.net>
Source record: 213605
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

PRODUCT REVIEW: ANTENNA RX NOISE BRIDGE, Palomar Engineers model RX-100

With all the new technology "appliance" radios on the ham radio market today it seems to me that the only area left for H.F. experimentation is antennas. Most hams have a SWR meter and perhaps a Wattmeter, but little else to perform tests on the antenna and feedline to learn its characteristics, resonant frequency, etc.

PALOMAR ENGINEERS' R-X Noise Bridge is not a new product - its been around for a long time. Basically, the Noise bridge will tell you if your antenna is resonant or not at any specific frequency between 1 and 100 MHz. If it isn't, the instrument will tell you if it is too long or too short. It works with dipoles (trapped and monoband), verticals, beams, quads, inverted Vees. If it resonates, the R-X Noise Bridge will measure it.

Your SWR bridge will show you a ratio like 2:1 but it won't tell you much more. The noise bridge measures both resistance and reactance and if the antenna is not resonant at the frequency you want, it will tell you how much of the impedance is resistance and how much is reactance. Unlike SWR bridges, the R-X Noise Bridge works with all coaxial feedlines.

The Palomar R-X Noise Bridge is easy to use. Install a 9 Volt battery. You connect your receiver or transciever to the SO-239 connector marked "RCVR" Make sure to turn the VOX off or you may be sorry! Connect your antenna with a short piece of feedline to the connector marked "UNKNOWN". Tune your receiver to the anticipated resonant frequency and turn the Noise Bridge on. A loud "rushing" noise will be heard. There are two controls on the noise bridge - R and X. Adjust these two controls for a sharp drop or null in the noise. You might want to turn off the receiver AGC for this test. The controls interact and should be adjusted alternatively.

The R control is marked from 25 to 250 and the X control is marked 70 to 70 with 0 being at the 12 o'clock position. Figures to the right of center indicate inductive reactance, left indicate capacitive reactance. After tuning for your null, read the two controls. If the noise bridge shows the antenna to be inductive it is too long for this frequency; capacitive means it is too short. If you want to find out the resonant frequency set the X control at 0 and the R control at 50 and tune the receiver for the null.

You can also measure the antenna when its up in the air, but you'll have to do a bit of figuring to take into account the feedline's electrical length. The manual will explain how to do this. You can also use the PALOMAR ENGINEERS' R-X NOISE BRIDGE to cut a piece of coax to exact quarter and

half-wave lengths, measure feedline impedance, test baluns for frequency range, ratio and whether or not they are working. The manual outlines all these functions in a clear step-by-step fashion. In fact, the RX-100 comes with manuals in English, Spanish and Japanese. That's a switch!

PALOMAR ENGINEERS also offers a computer program called SmartBridge that makes using the RX-100 a lot easier to use and interpret. I will be reviewing it in the very near future.

I found the Noise bridge very easy to use and versatile as well. One of its uses is to set the controls on your antenna tuner without turning on your transmitter. Connect the "unknown" connector to your tuner. Set the noise bridge controls to X = 0 and R = 50. Tune your receiver to the desired frequency. Adjust the tuner controls for the noise null. Record the tuner readings for future reference.

The PALOMAR ENGINEERS RX-100 NOISE BRIGE is extremely well constructed. The case is cast aluminum, component parts are all very high quality and its obvious that it was built to last. At $80.00 it represents a good investment in a useful antenna measurement instrument that will prove useful time and time again. For more information or a copy of the manual ($2.00) contact PALOMAR ENGINEERS, PO Box 462222, Escondido CA 92046. Telephone 619-747-3343.

(C) 1995
Michael Crestohl, KH6KD/W1
Nahant Massachusetts USA
mc@shore.net

DISCLAIMER: I have no interest, financial or otherwise, in the success or failure of the book or materials reviewed herewith, nor have I received any compensation (other than a review copy requested by me) from anyone who has. All opinions expressed are strictly my own.

Other Internet and Aviation book/software reviews by me can be obtained by anonymous FTP from: x2ftp.oulu.fi in the /pub/books/crestohl directory.

754. Returned mail: Local configuration error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: MAILER-DAEMON@uoknor.EDU
Message-ID: <199508181449.JAA03836@ooz.backbone.uoknor.edu>
Source record: 213606

```
This is a MIME-encapsulated message

--JAA03836.808757389/ooz.backbone.uoknor.edu

The original message was received at Fri, 18 Aug 1995 09:49:47 -0500
from aardvark.ucs.uoknor.edu [129.15.10.11]

----- The following addresses had delivery problems -----
<arees@elect1.chem.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@elect1.chem.uoknor.edu>... Local configuration error

----- Original message follows -----

--JAA03836.808757389/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with ESMTP id JAA03828 for
<arees@elect1.chem.uoknor.edu>; Fri, 18 Aug 1995 09:49:47 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HU7Q6WB4LS0018CH@aardvark.ucs.uoknor.edu>; Fri,
18 Aug 1995 09:52:25 -0500 (CDT)
Date: Fri, 18 Aug 1995 09:52:24 -0500 (CDT)
Subject: Ham-Equip Digest V95 #349
To: arees@elect1.chem.uoknor.edu
Message-id: <01HU7Q6WCQGY0018CH@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect1.chem.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HU7Q6LUFN40015Z3@aardvark.ucs.uoknor.edu>; Fri,
18 Aug 1995 09:52:11 -0500 (CDT)
Received: by mail.ucsd.edu; id FAA17414 sendmail 8.6.12/UCSD-2.2-sun Fri,
18 Aug 1995 05:07:05 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id FAA17401 sendmail 8.6.12/UCSD-2.2-sun Fri,
18 Aug 1995 05:07:03 -0700 for ham-equip-ddist
Date: Fri, 18 Aug 1995 05:07:02 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
```

Subject: Ham-Equip Digest V95 #349
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199508181207.FAA17401@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Fri, 18 Aug 95 Volume 95 : Issue 349

Today's Topics:
Mail failure (2 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 17 Aug 95 16:46:00 GMT
From: POSTMASTER@crmain.msmail.uthscsa.EDU (Adminstrator)
Subject: Mail failure

FROM: Adminstrator
TO: Ham-Equip Mailing List and Newsgroup DATE: 08-17-95
TIME: 11:46
SUBJECT: Mail failure

User mail failed mailing to mailbag (file does not exist):

FROM: Ham-Equip Mailing List and Newsgroup (SMTP:ham-equip@ucsd.edu)

TO: SMTP:Ham-Equip@ucsd.edu

SUBJECT: Ham-Equip Digest V95 #345

Ham-Equip Digest Thu, 17 Aug 95 Volume 95 : Issue 345

Today's Topics:
2 Meter + Business VHF (2 msgs)
FT-840 vs IC-735

FT-8500 question
Hull 5150 SSB transceiver
I buy a radio...
IC751 Microphone
Icom 751a: opinions wanted
ICOM Z1A
Mods wonted for TW-4100
Motorola radius question
need manual for JR500S
O-330A/FR or VOX-5 schematic needed
Sony ICF-SW100E/S !
Standard C508A Dual Band Micro HT
TH25-A scheme, help me
TSQ on 51r will not work thru a repeater???
Wanted: Mods for Alinco DJ-G5
Wanted usenet info (2 msgs)
WTB: Collins Power supply

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 15 Aug 1995 17:45:55 -0400
From: crobbinsnc@aol.com (CRobbinsNC)
Subject: 2 Meter + Business VHF

Most radios can be converted but the problem, Ham stuff in not generally
type accepted on the commercial band. May look for Commercial that will
go into ham to be better off on that part.

CARL
And I thought it was just ME having hard times!!!!!!!!!!!!!!!!!!

CARL

Date: 15 Aug 1995 16:19:51 GMT
From: barry@indirect.com (Barry Rose)
Subject: 2 Meter + Business VHF

In article <1995Aug11.173537.25538@us.dg.com>,
pmalenfa@kitkat.webo.dg.com (pmalenfa) wrote:
>Does anyone know of a 2 Meter portable radio that is capable of
>tx/rx on the frequencies used by the business VHF transceivers?

>I believe the business ones go from 152-158 MHz.
>It seems like they are so close that people who are licensed for
>both should be able to find a single unit that can do both.
>
Sure, a lot of them can be modified to go to the commercial bands.
But dont get caught. The fine is pretty stiff.

Barry Rose

Date: 16 Aug 1995 13:13:16 GMT
From: sgray@news-server.UCSD.EDU (Steven Gray)
Subject: FT-840 vs IC-735

ANDRES MARTINEZ (amnet@ix.netcom.com) wrote:
: I'm undecided between buying a new Yaesu FT-840 and the ICOM IC-735
: which I can find used for about the same price ($800).

: They both have Gen.Cov. Receiver and dual VFO. I'm concern about
: reliability and signal clarity on the air.

: Which one do you think is a better choice ?

I would not vote in favor of the Icom 735. I had one for a couple of
years, and was *never* impressed with its receiver. The 735 design seemed
to incorporate a great deal of synthesizer noise, resulting in a poor
noise floor (making weak signal reception difficult) and what I perceived
as a poor dynamic range.

In addition, I came to hate the little slide pots under the front cover:
difficult and touchy to adjust.

Personally, I would recommend against the Icom 735 (and the Kenwood 140s
as well, for what it's worth).

Good luck!

---Steve Gray
nr3b

Date: 16 Aug 1995 06:13:59 GMT
From: bgt@thomascomm.com (Brad Thomas)
Subject: FT-8500 question

>The transmitted audio on these radios (at least the three I've heard)
>has absolutely SUCKED. It is very bass sounding and muffled, bordering
>on distorted. I'm not impressed by this and wonder why a radio that
>costs as much as this sounds so cheap.

Yaesu has a mod to fix this. As with all new designs theres sometimes bugs
to work out. The audio seems to be echoing around inside the "pickel" making
it bassy. I sent mine in to Yaesu and they fixed it at no charge. On air

reports
say it's 100% better and sounds great.

With the new mike comming out for the 8500 there wont be this problem as it
is not as big and hollow as the "pickel". It's standard size.

73's
-Brad

Date: 16 Aug 1995 11:59:36 GMT
From: spearce@ccu1.auckland.ac.nz
Subject: Hull 5150 SSB transceiver

Hi.

I recently acquired on loan a Hull 5150 SSB Marine HF Transceiver.
Unfortunately it did not come with a manual.

It has an rs232 type connector at the back as well as an accessory sockets.
The front panel
contains a 16 key pad , a lcd frequency display, and a tuning and mode knobs.

I would like to know the protocol for the rs232 connector, and also how one
can control
the rf gain on both transmit and receive in this device.

I would very much appreciate hearing from anyone with experience or
information on the rig

Thanks
Stephen Pearce

Date: 15 Aug 1995 00:12:26 GMT
From: matjoao@ci.ua.pt (Joao Martins)
Subject: I buy a radio...

Hi...

I'm new on this stuff. I'm waiting my caller sign and I need to
buy a radio. I'm searching for RIG and for a table radio.

Who is interested to sell? Make your offer!

Tks...

Greetings,
Joao

--
Greetings,

Joao Martins

+---+
Joao Martins	E-mail: matjoao@zeus.ci.ua.pt
operating from	Fidonet: 2:361/4.8
Universidade de Aveiro	Lusonet: 16:16001/3.8
+---+

Date: 15 Aug 1995 18:31:06 -0400
From: eagle2861@aol.com (EAGLE2861)
Subject: IC751 Microphone

Anyone have any info on mic pinout fot the IC751?
If so please e-mail to: eagle2861@aol.com or eagle28@ix.netcom.com.

Thanks in advance,
Jerry

Date: 16 Aug 1995 13:22:57 GMT
From: sgray@news-server.UCSD.EDU (Steven Gray)
Subject: Icom 751a: opinions wanted

Peter A. Klein (pklein@news.seattleu.edu) wrote:

: Based on the above, I've thought about getting a used Icom 751a. However,
: after reading the ARRL Radio Buyer's Sourcebook (reprinted QST reviews)
: and talking to a few people (including ICOM service), I'm confused. I've
: been told that "the 751a was the best radio Icom ever made." I've also
: been told that the just-discontinued IC-735 receiver will outperform the
: 751a, that the 751a runs hot, and that the 751a has a similar front end to
: the 745 and may have similar overload problems.

Peter -

I can only coment on one aspect of your posting. I owned a 735 for a couple
of years, and have had the opportunity to operate a friend's recently
purchased 751a. There is simply *no way* that the 735's receiver is as
good as, or better than, the 751a's receiver.

When using the 735, I always thought it was a mediocre, noisy receiver -
I never missed the rig after I sold it. The 751a always seemed more
sensitive and less noisy; personally I'd buy one in a second *if* I could
afford it.

Good luck!

---Steve Gray
nr3b

Date: 16 Aug 1995 12:53:19 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: ICOM Z1A

>>The ICOM advertizements all have the internet address for ICOM. Send
>>them a note and they will respond with the software mods for you.
>>It worked for me!
>>
I didn't have an advert at hand when I first responded. Looking at a
current ICOM ad, they advertize their internet address as:

75540.525@compuserve.com

This address was sufficient for me to ask for and get the software mods
for my IC-W31A in June of this year. This beats a technical support hot
line hands down in my opinion.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 16 Aug 1995 13:57:11 GMT
From: tomk@tkk735.research.ptt.nl (Knaap T.A. vd)
Subject: Mods wonted for TW-4100

I just got a Kenwood TW-4100E and I am looking for the functions of the
diodes in the frontpanel. I found mods for TX/RX extention with the diodes
D6 (UHF) and D8 (VHF).
In my 4100E version are the D1, D2, D3, D4 and D5 already removed and
in the 4100A version are the D3, D4, D5 and D7 already removed.
So I am looking for functions of these diode if they are installed/removed.

------- -------------------- Tom van der Knaap
| k p n | r e s e a r c h | The Netherlands
| _| | +31 70 3325169
| _|_| . . . . . | e-mail address:
|___|_|
T.A.vanderKnaap@research.ptt.nl
My interest is in the future because packet address:
I am going to spend the rest of my life there. PA3GQL@PI8VNW.#ZH2.NLD.EU

Date: 15 Aug 1995 17:45:49 -0400
From: crobbinsnc@aol.com (CRobbinsNC)
Subject: Motorola radius question

Jeff,

Depending on the age, the P-110 MIGHT go more channels. Some do, some
don't. They made a 2 watt and a 4 or 5 watt depending on VHF or UHF. ALL
RADIUS products except P-10, SP-10, P-50 are programmable

CARL
And I thought it was just ME having hard times!!!!!!!!!!!!!!!!!!

CARL

Date: 16 Aug 95 16:24:10 GMT
From: wlfuqu00@service1.UKy.EDU (Bill Fuqua)
Subject: need manual for JR500S

Just got a JR500S ham band only receiver at ham fest. It is a tube type
receiver perhaps made in the 60's. Seems to work well,needs
alignment,considering it looks like it had been stored in a damp basement.
I need a schematic and maybe specs on it. Can anyone help me out?
Hope to use it with a simple cw transmitter to help some young novice
operators (tech +) get started doing something other than using their HT's.

William L. Fuqua III P.E.
Department of Physics and Astronomy
CP-177 Chem. Phys. Bldg.
University of Kentucky
Lexington, Ky 40506-0055
E-mail WLFUQU00@POP.UKY.EDU
Phone (606) 257-4155

Date: 16 Aug 95 15:05:16 GMT
From: wlfuqu00@service1.UKy.EDU (Bill Fuqua)
Subject: O-330A/FR or VOX-5 schematic needed

I need a schematic of a O-330A/FR or a VOX-5 variable master oscillator.
It seems to be for diversity receivers with a variable outputs of 2 to 64
MHz , two crystal oscillatos and a BFO. A two stage oven keeps the variable
oscillator stable. Each oscillator has 3 outputs as well.

73
Bill
ko4ww

William L. Fuqua III P.E.
Department of Physics and Astronomy
CP-177 Chem. Phys. Bldg.
University of Kentucky
Lexington, Ky 40506-0055
E-mail WLFUQU00@POP.UKY.EDU
Phone (606) 257-4155

Date: 15 Aug 1995 03:18:49 GMT
From: danchan@hk.super.net (Mr Daniel Y K CHAN)
Subject: Sony ICF-SW100E/S !

Does anybody got some info/spec of Sony ICF-SW100E(S) model Worldband Receiver?

Please email to me!

Dan

Date: 14 Aug 1995 17:44:03 -0400
From: glennmead@aol.com (Glenn Mead)
Subject: Standard C508A Dual Band Micro HT

I got rid of mine. The display and the faceplate
were too hard to read. I replaced it with an
ICOM w-31A, which I really like.

Date: 16 Aug 1995 12:52:55 GMT
From: victor@ibpm.serpukhov.su (Victor Voronkov)
Subject: TH25-A scheme, help me

I have Kenwood TH-25A which was broken recently :-(

I need a scheme (block diagram, board layout, schematic diagram)
for analyse and repair. I have a manual only.

If you can make a copy and send paper to me, PSE let me know.

73! RX3DIN Victor
---
http://www.stack.serpukhov.su/~victor/hamradio

Date: 15 Aug 1995 19:13:35 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: TSQ on 51r will not work thru a repeater???

I am trying to get my parents to get their ham license. One of them is going to take the test today. I am also planning on taking both of their VISA cards shopping for two new FT-51Rs. Just out of curiosity, have you tried using the CTCSS on more than one repeater? If I were to look at this through the eyes of a troubleshooter, I would say that the repeater might be doing something to your tone as it passes through. The fact that the other guy you talked to recieved your tone may mean that the bandwith of his CTCSS recieve unit might be larger than those found on the Yaesu. Does it do this to all 23 tones? Repeters often take out tones that come in through the input freq. Or like I said, it might just be changing it just enough that your radio can't decode the tone. I think your best bet would be to find another repeater and try it on that, and maybe a few more if you are in an area where there are a lot of repeaters.

Best of luck

Max
N7NWG

Date: 16 Aug 1995 19:05:55 GMT
From: infocom@inet.uni-c.dk
Subject: Wanted: Mods for Alinco DJ-G5

I would appreciate any info on this new ht from Alinco.

Date: 15 Aug 1995 01:04:18 GMT
From: David Solomon <70353.403@CompuServe.COM>
Subject: Wanted usenet info

Is there a usenet newsgroup for buying and selling ham equipment?

Thanks in advance for any information!

73 de David KB2SDD

Date: 15 Aug 1995 15:46:13 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: Wanted usenet info

David Solomon <70353.403@CompuServe.COM> writes:
>Is there a usenet newsgroup for buying and selling ham equipment?
>Thanks in advance for any information!
>73 de David KB2SDD
rec.radio.swap is primarily ham stuff, 'tho plenty of non-amateur toys as
well.
Chris, N7RME

Date: 16 Aug 1995 21:18:24 GMT
From: Ken <radioken@sierra.net>
Subject: WTB: Collins Power supply

The power supply that fits onto the rear of a
KWM-2 is a model No. "PM-2".
Ken

End of Ham-Equip Digest V95 #345
****

Date: 18 Aug 95 12:03:00 GMT
From: POSTMASTER@crmain.msmail.uthscsa.EDU (Adminstrator)
Subject: Mail failure

FROM: Adminstrator
TO: Ham-Equip Mailing List and Newsgroup DATE: 08-18-95
TIME: 07:03
SUBJECT: Mail failure

User mail failed mailing to mailbag (file contention):
UTHSCSA/CRMAIN/muenzlerk

FROM: Ham-Equip Mailing List and Newsgroup (SMTP:ham-equip@UCSD.EDU)

TO: SMTP:Ham-Equip@UCSD.EDU

SUBJECT: Ham-Equip Digest V95 #346

Ham-Equip Digest Fri, 18 Aug 95 Volume 95 : Issue 346

Today's Topics:
*** STOLEN RADIO ***
ALINCO DX-70 Mod needed.
firmware RC-96, Eprom
For Sale / Trade
Heath Dual Trace Osc. Mod# SO-4550 Manual Needed
Icom 775DSP or Yeasu FT-1000D?
Icom IC-Delta1A triband Handheld info?
ICOM Z1A
IF-10-B Kenwood TS-940
Kenwood TM742A Corrected Mod!
Motorola radius question
need info;hf digital voice
OMNI VI Opinions?
Personal Phone Patch
Rad shack HTX212..any Mods yet ?? problems etc..
RC-1000 controller questions
TS-450AT Comments???
TS 850S/AT
TSQ on 51r will not work thru a repeater??? (2 msgs)
WTB: old 220 FM or allmode rig
Yaesu FT51r DC supply

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 Aug 1995 03:53:51 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: *** STOLEN RADIO ***

XYEW04A@prodigy.com (Brian Bergstrom) writes:
>>CB>And, of course, we ALL should be engraving our states' driver's
>license
>>CB>numbers on visible, exterior panels - as well as hidden inside
>>CB>locations.
>>And, of course, if we do engrave our state drivers license number on
>>visible outside panels, we destroy the "Mint" condition and salability
>>of that unit forever...
>Why would you use a number like a drivers license??!?!?!?!?!
>Your Call is the only one of its kind in the world! I have my call
>permanently engraved in the metal case of my Kenwood TH79A(D).
>I would recommend that people use this number, and with all the access to
>calls, by QRZ and such it would be a fast and easy way to locate the
>owner worldwide.
>Now this only works if someone wants to return it to you anyway.
The reason for engraving a driver's license number is because that's the
one thing the police can trace. Social inSecurity Numbers or amateur
calls are not of much use to the police. Of course, if another amateur
buys the thing, and wants to check its ownership, engraving the call
would work.
Chris, N7RME

Date: 18 Aug 1995 01:10:09 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: ALINCO DX-70 Mod needed.

In article <410n5l$cd9@news.voicenet.com>,
n3rkh@omni.voicenet.com says...
>
>Does anyone have the instractions to perform the
MARS/CAP mod
>to an Alinco DX-70?
>
>My email is: n3rkh@omni.voicenet.com
>
>Thanks much!
>
>Threes
>
>Ray.

Please send me a copy as well....expecially the six
meter mod to open the rx from 42 thru 60 Mhz !

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)

Licensed Radio Amateur since 1986 //comments are mine
only

Date: 16 Aug 1995 18:50:51 -0400
From: wally@nyc.pipeline.com (Wallace Jefferson)
Subject: firmware RC-96, Eprom

Greeting All; I'm not sure I'm in the right place for this but....Does any one know of any Eprom software called "RC-96" or "RC-850" from a company call Advanced Computer Controls? A friend of mine thinks it's somewhere on the net and asked me to get it for him. I no nothing about this sort of thing so if any one can help out I'd be greatful.

wally@pipeline.com

Date: 16 Aug 1995 04:28:58 GMT
From: chris <chris@enter.net>
Subject: For Sale / Trade

i'M INTERESTED ON THE ANTENNA! SEND ME EMAIL AT chris@enter.net

Chris

Date: 16 Aug 95 17:13:00 GMT
From: duane.hanson@totrbbs.radio.org (Duane Hanson)
Subject: Heath Dual Trace Osc. Mod# SO-4550 Manual Needed

Just came into posession of the above Oscilliscope and would like to get a manual. If you have one or have info, please let me know.
Duane, KD4KCR

I will pay for copying and postage.
Tnx in advance...

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

Date: 16 Aug 1995 22:50:43 GMT
From: jackwy@clark.net (John Frank)
Subject: Icom 775DSP or Yeasu FT-1000D?

In article <jlowmanDDEuJ9.3F1@netcom.com>, jlowman@netcom.com says...
>
>Although I plan to hang on to my "antique" Drake R-4/T-4X, it looks like
>it's about time to get something more modern.

>
>Right now, I'm giving top consideration to the Yaesu, but would like
>comments about both. Yaesu claims theirs to be preferred by DXers
>worldwide, but that's their own ad.
>
>I am not consideraing the top-of-the-line Kenwood rig at this time, but
>would also be willing to hear opinions about it.
>
>Thanks in advance,
>
>Jim
>
>jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
>Systems Analyst | San Bernardino City Unified School District
>(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
>(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-
>
You might hold off for awhile. Yaesu is bringing out the
FT-1000MP which has DSP on receive and some other improvements.
If you're going to spend the bucks, might as well wait for the
latest.
Jack

Date: 18 Aug 1995 04:39:23 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Icom IC-Delta1A triband Handheld info?

Just out of curiosity, where do you live? Here in Oregon, we only have
two 23cm repeaters. The Delta looks like a great radio, although it is
still kind of brickish. I own a Icom 2GAT, and I find it a little hard to
carry it around with me sometimes just because of it's size.

Max
N7NWG

Date: Wed, 16 Aug 1995 07:52:15 GMT
From: baptpdc@netcom.com (Bruce A. Pope)
Subject: ICOM Z1A

elekesa@cadvision.com (elekesa) wrote:

>Would anyone know of any mods for the IC-Z1A HT?

> Thanks
Here's a repost of the Z1A mods:

Ok, after messing around with the radio on my own and then getting the
"official" mod, here's a summary of the various diode mods for the Z1A:

Icom Z1A mods

[B]+[#]+[POWER] = Extended Receive.
VFO *DISPLAYS* 50-299.900 and 300-999.900.
AM Aircraft band enabled.
SET mode now has a new "PLACE" function for setting
the direct entry starting digit.

There is room for four diodes in the Z1A located on the CPU board to the left of the ribbon cable connector. On a US version, only the bottom two are installed. D15 is just below and to the right of the four diodes. These diodes are bigger than the rest of the surface mounted components and are easy to spot.
The official ICOM mod (which I unofficially saw...) is to remove D15 for extended TX and to use the above keyboard mod for extended receive. According to the sheet, the 800-900 band is NOT available in US versions.

```
+-+ +-+
| | | | <---- Installing diodes in either of these seems to do
+-+ +-+ nothing.
```

```
+-+ +-+
| | | | <---- IN: US Version 144-148 TX 440-450 TX
+-+ +-+ OUT: Extended 136-174 TX 380-470 TX (Lose auto-repeater
^ and tone encode)
|
+------------ IN: US 144-148 TX 440-450 TX
OUT: European 144-148 TX 430-440 TX
```

```
+-+
"D15"--> | | <---- IN: US Version Stock
+-+ OUT: Extended TX 136-174 380-470 (keeps auto-repeater
and tone encode)
```

A word of warning about messing with the four diode pads: If you detach either one of the installed diodes, the CPU will reset and you'll lose ALL of your memories. (found that out the hard way...) D15 doesn't seem to affect the memories at all.

Since the 800MHz band is not available in US versions, my guess is that there's a keyboard mod to unlock it instead of a diode. The diodes only seem to control the country versions. If anyone has any more keyboard mods, please post them.

Bruce KD6ALI

Date: Wed, 16 Aug 1995 16:43:08
From: dwshock@usa.net (Douglas W. Shock)
Subject: IF-10-B Kenwood TS-940

Can anyone help me find an IF 10B for my TS-940s. I tried building one but gave up and can't find thru any distributor. Please E-mail with any advice at dwshock@usa.net

---

Date: 16 Aug 1995 20:30:01 GMT
From: Steve Steinberg <ss@pastek.com>
Subject: Kenwood TM742A Corrected Mod!

Steve Steinberg <ss@pastek.com> wrote:
>paidukas@harris.com wrote:
>
>
>My radio (TM 942A) did NOT come as pictured below,
>chip resistor 8 was already moved down. I tried shorting
>the upper pad pair above resistor 8 but it did nothing. I
>moved the short to the lower pad pair below resistor 7,
>this worked!!
>
>I don't remember the location of the other resistors. If
>there is any interest I'll double check and write something
>up.
>
>>Here is the Correct mod for the Kenwood TM742A DC to light mod:

Paul was correct, my radio had one of the chips moved, I needed
to move the other two.

73, Steve
kg2bd@pastek.com

Date: Wed, 16 Aug 1995 01:44:19 GMT
From: ricks@Direct.CA (Rick)
Subject: Motorola radius question

corey@mcs.com (jeffcorey) wrote:

>Does anyone have the specifications on the Motorola Radius p110 UHF radio?

No, sorry.

>I have a 2 channel radio and was wondering if :

>1) It is programmable or XTAL

Programable with "RIB" box and cable and software.

>2) wattage,etc

Programable as well. Generally 5 watts for VHF or 4 watts for UHF.

>3) can you modify it for more channels?

Yes, but I don't think Motorola likes people doing it.

>4) In a related subject, I understand the HT-600/Radius 200 radios
>can be easily modified for 6 channel operation. How do you remove the knobs
>or escutcheon to gain access to the pin you need so the channel switch can
rotate to the

>other positions?

You grab the knobs and pull them off. They are friction fit. Some
are very strong. To remove the panel, you just lift it with a screw
driver or knife. It is glued on. If you are careful and don't crease
it, you can then just lay it back down and it will stick.

>Thanks,

Your welcome.

>Jeff WB9KAZ

****
*Rick Streifel *
*Al Scott Lock & Safe Ltd. *
*St. John Ambulance Brigade *
*internet: ricks@direct.ca *
*packet radio: ve7abw@ve7rob.#vanc.bc.can.noam *
****

Date: Wed, 16 Aug 1995 02:00:27 GMT
From: davew@cruzio.com
Subject: need info;hf digital voice

In article <40iq2m$a52@ixnews2.ix.netcom.com>, fiscon@ix.netcom.com (William
Rice) writes:
> I'm interested in HF digital voice comunications. Does anyone know of a
> good reference or have any experienc in this area?
>
> Thanks in advance.
> David Panek KE4MLV

Are you referring to sending .wav files over digital modes? I know this can
be
done. Or do you mean in realtime?

.

--
Dave Wells KD6TO; INTERNET: davew@cruzio.com
Packet:KD6TO@K6LY.#CENCAL.CA.USA.NOAM; COMPUSERVE:74067,1755
(WA4UQQ Worldwide Amateur Radio Directory III KD6TO)
.

Date: 17 Aug 1995 13:21:37 GMT
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Subject: OMNI VI Opinions?

I am considering buying an OMNI VI to supplement my FT 990. I sure would
appreciate any comments on the OMNI. I am very aware of Ten Tec's superb

service since I have other Ten Tec equipment. I am more interested in the performance of the OMNI.

Thanks Greg KN4FR

Date: Thu, 17 Aug 1995 21:13:18 -0700 (PDT)
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Subject: Personal Phone Patch

On 17 Aug 1995, Paul Bobby wrote:

>
> What should I be looking for to set up a personal phone patch?
>
> I'll run a 2m rig continously, on a simplex freq. but do'nt know much
> about it beyond that.
>
> kb2vkn
>
> --
> Paul Bobby - pbobby@ix.netcom.com
>
>
Paul,

I have run a CSI model CS-900 connected to a Alinco DR-590 on the VHF side for about a year and am very happy with it. (I call it my poor-man cellar) I keep the radio on a simplex freq. with tone Sql. on so others that may use the same freq. don't come into the house.
It is not quite a slick as a repeater autopatch but when the person on the phone understands the "you talk - then I talk" protocal it works fine. This setup can be run through a repeater that passes DTMF tones (not many do) or you can set up a call for someone on a repeater through your radio.
I connected the audio from the speaker jack to the CS-900 through a relay to an external speaker, and a 8-pin mic cable to a breakout box and run audio and PTT in parallel with the reg. mic. I use the radio as a base station with no problems and when I'm done just push the call button to get back on the simplex freq. The CS-900 has a 99 no. speed dial and has toll restrictions and can ring out on the air with your call or Tel. tone. I have set it up where I can call into the house and access the radio to call my wife while she's in the car.

I think I paid new $329.00 for the unit and for our needs it works fine. I work 3 miles from home and with 3 kids and all the ballparks and stuff we do around the neighborhood it is a good alt. to a real phone.

If you have any other questions let me know..73's Dale (KD4CVR)

Email= dxgoodm@mercury.ptes.com
packet=KD4CVR@KD4CVR.#NOCAL.CA.USA.NOAM

Date: 7 Aug 1995 05:41:01 GMT
From: danb@acme.csusb.edu (Dan Brown)
Subject: Rad shack HTX212..any Mods yet ?? problems etc..

rfisher@sky.net wrote:

: I've seen others say the same thing. There are no mods for extended
: RX , TX or memory. If anyone tells you different, they are either
: ignorant, or trying to get you to mess up your HT.

This would all be applicable if the original poster were asking
about the HTX202, but he wanted to know about the 212, which is a 45-watt
mobile unit, and a completely different animal.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu
Don't Tread on Me

Date: 16 Aug 1995 03:22:00 GMT
From: steinr@holmes.ece.orst.edu (Raymond Stein)
Subject: RC-1000 controller questions

I was planning on purchasing an RC-1000 repeater controller for use in a
GE Mastr II UHF application. Does anybody have any opinions on this
controller, good or bad? Or are there better controllers for the same
price?

Thanks for any help offered.

--
____
Ray Stein *** Oregon State University ***
steinr@ece.orst.edu *** Dept of Electrical Engineering ***
N7RET *** http://www.ece.orst.edu/~steinr ***

Date: Thu, 17 Aug 1995 17:43:09 GMT
From: dsa@ch.apollo.hp.com (Dale Anderson)
Subject: TS-450AT Comments???

Hi Everyone,

I'm considering dropping ~$1200 on a new TS-450AT. Before I do,
are there any NEGATIVE "features" to this rig I should be aware of?
This will be a first rig for me. It will mostly be used for CW
operation. Any comments pro/con?

Thanks,
-Dale

Date: Tue, 15 Aug 1995 18:42:59 -0800
From: tuck@europa.com
Subject: TS 850S/AT

Sometime ago, there was a letter in QST describing how to make the ATU in a TS 450S operative in both receive and transmit to improve reception. Does anyone have a similar mod for the TS 850S/AT??

Date: Thu, 17 Aug 1995 12:19:32 -0500
From: mmusick@talx.com (Mike Musick/N0QBF)
Subject: TSQ on 51r will not work thru a repeater???

Gary said:

> I had originally thought that
> since most repeaters either purposely don't pass pl, or just pass it
> so poorly that it won't work, maybe the other person's pl was very hot
> and forced its way through. However, that is negated by the fact that
> HE was able to use HIS ht to trigger the other one. The only one that
> doesn't seem to work is the path between him and his wife, either
> direction.

Sounds to me like a combination of several conditions. Normal repeater audio processing will roll-off the low frequencies unless they've specifically been tweaked to pass PL tones. I've had good luck passing tones above 150 Hz through most repeaters, so if Test A worked and Test B did not, check to see what tones were being used.

Also, Kenwood radios are known for having extra-hot PL injection (and no way to adjust it, unfortunately), so if the "it worked" test involved a Kenwood rig on the other end, that could be an explanation, as well.

Drew might want to try tones at the higher frequencies and see if they work with the Yaesu radios.
...mm

==========
Mike Musick/N0QBF mmusick@talx.com**
TALX Directory Division 71301,3106@compuserve.com
St. Louis, MO
Opinions expressed are my own...
...like someone else would want 'em, right?

** - If you have to reply email rather than in the newsgroup, use the CompuServe address. Our mail server died a while back and I've been given "real soon" on when it'll be up. You know how *that* works!
==========

Date: 16 Aug 1995 03:02:35 GMT
From: mcduffie@unlinfo.unl.edu (Gary McDuffie Sr)
Subject: TSQ on 51r will not work thru a repeater???

Ed@Ed writes:

>Drew. A lot of repeaters do not pass any of the tones. I think that since it
>works on simplex and not on the repeater might prove that. Ask around to see
>if there is a repeater in your area that will pass the tones.
>73 Ed

I was going to respond with a similar comment. However, after reading
his post several times, it became a real mystery. Remember (and you
apparently missed this), he was able to have someone else (besides his
wife) trigger his receiver VIA THE REPEATER, and he was able to
trigger the other person's receiver. I had originally thought that
since most repeaters either purposely don't pass pl, or just pass it
so poorly that it won't work, maybe the other person's pl was very hot
and forced its way through. However, that is negated by the fact that
HE was able to use HIS ht to trigger the other one. The only one that
doesn't seem to work is the path between him and his wife, either
direction.

I'm curious to see what the outcome of this is :)

73, Gary

Date: Thu, 17 Aug 1995 14:31:25 GMT
From: white_hae@ccsua.ctstateu.edu
Subject: WTB: old 220 FM or allmode rig

WTB: 220 FM or allmode rig, OLD OK..... crystal rigs with FM calling freq
only will do. Primary use is for VHF contesting.
Offers to white_hae@csusys.ctstateu.edu
Harry/N1QVE

Date: Fri, 18 Aug 1995 03:26:00 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Yaesu FT51r DC supply

cweddle@astro.as.arizona.edu (Chris Weddle) wrote:

>dd650@cleveland.Freenet.Edu (Drew Loker) writes:
>>>The yaesu EDC-1 (?) is a great DC adaptor. It clips onto the
>>bottom the radio, powers it at 11.5V and trickle charges the
>>battery at 50ma! the clip is quite small, the regulator is in
>>the cigarette lighter plug!
>>I am glad you mentioned this. I have a question aobut the trickle charge.
>>I read in the manual of my 51r that it is not a good idea to keep charging
>>a halfway used battery, or one that has had very little use. Is this really
>>a problem?

>...snip...
>It is generally a good idea to allow nicads to run down "completely" before
>charging. There are exact voltages specified by some makers, but you needn't
>worry too much. When the radio quits, immeadiatly recharge the battery. With
>such an approach you'll see a good useful life out of your nicads. The
concerns
>about "memory" in nicads have been much reduced with improved technology over
>the years - but by no means eliminated.

There is an article by Ken Stuart (W3VVN) (ARRL Technical Advisor)
titled "Getting the Most Out of Nickel-Cadmium Batteries" that advises
never to completly run down (discharge) a NiCad battery. The article
also says that "memory" is of no real concern to the everyday HAM
user, as there are very specific conditions where memory would ever
becoome a problem.

The article lists and discusses several "myths" about NiCad batteries
and gives some good advice on how to treat, use, and charge your
batteries.

I saw the article in the "New HAM Companion" put out by ARRL.

End of Ham-Equip Digest V95 #346
****

End of Ham-Equip Digest V95 #349
****

--JAA03836.808757389/ooz.backbone.uoknor.edu--

755. Re: ART-13, how hard to get on the air?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: davidst1@aol.com
Message-ID: <4129h7$6s1@newsbf02.news.aol.com>
Source record: 213607

I recollect the rig uses 1250 VDC, 450VDC and 28VDC.
It uses either a dynamic or a carbon mike.
I talk to fellows using them on 3870 KC out here in the
west using my complete, original Command Set rigs
or my TCS stations and they sound good. Rig keys CW
with a clean note, but AM is its best side. You can
run it without the control box, but they're still available
from Fair Radio. I've begun restoration work on mine
and the hardest thing to find is the dynamotor, but I may
have a lead. Drop me an email for more info if you're
interested.
73 DE AB5S/7 Dave
Las Vegas, Nevada

756. I need basic info on starting a High School Station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: djmuzak@aol.com
Message-ID: <412fev$7ub@newsbf02.news.aol.com>
Source record: 213608

I am looking to buy an AM or FM (pref FM) transmitter for my High School radio station which has up to now been closed circut. I live near NYC (approx 30 minutes away) and I'm looking for a range of 2-5 miles. I need info in terms of transmitter and antenna (suggestions of where to go). Also, what is the deal with licensing at this power (I have to tell the school board something because they are paying for it). Any help would be greatly appreciated.

Please respond via E-Mail
Thanx again
-Mike

757. Re: FT-840 vs IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: mtrail@violet.berkeley.edu
Message-ID: <412rif$5mp@agate.berkeley.edu>
Source record: 213609

DeWayne wanted to know if the Yaesu 840 has RF gain control. No
it doesn't...although I personally haven't missed it. It does have an
attenuator...
Matt KN6CR

758. Re: Kenwood TS850S VS Yaesu FT-990

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: smithson@rosharon.wireline.slb.com
Message-ID: <412rgv$hp8@sndsu1.sedalia.sinet.slb.com>
Source record: 213610

> Mark Saunders, tracker@indirect.com, wrote that he would like
> to hear from user of either radio with there views.

Mark,
I own a TS-850. This is my second 850 as I sold my first before leaving South America. I bought the second 850 because I was so pleased with the first one.

My favorite features are scratch memories and tunable memories. Also the fact that the last frequency is retained when jumping from band to band. There are the 100 memories but I do not use more than a dozen. Maybe one day I will find a use for more.

I will tell you that I have had some problems with the second rig. After about a year of higher band HFing, I began to work on 40 and 75. The tuner in the 40 meter section overheated and was unstable. I sent it back to Kenwood under warranty. The sent it back quickly but within 3 months the problem returned. This time, when I sent it back, althought for the same reason as before, they treated it as out of warranty repair and charged me. I felt that it was rip off but had little option. I do not want a 3rd party involoved just in case they still have not fixed the problem.

I know little of the 990. I have given my blessing on the 850 to others purchased the first because of the advice of others. I hope you receive enough info to help you make your descision.

73 de Tony, KN4TX

759. Mail Failure - Apology

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HU81X7EAAA004FRS@uthscsa.edu>
Source record: 213611
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space

My apologies to the list(s). We had a system failure on our end.
It has been corrected.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

760. Collins filter info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: deanbers@ix.netcom.com
Message-ID: <412t78$2go@ixnews4.ix.netcom.com>
Source record: 213612

Anybody know where the following mechanical filter types are used or what the specs are? They are as follows

(Cylindrical, no flange, 3 solder lugs each end, 6" long 1" diameter.)

Model Part Number

F76Z5 526 9353 00
F104I5 526 9360 00
F92Z5 526 9357 00
F72Z2 526 9383 00

(Cylindrical, no flange, 3 solder lugs each end, 2-3/4" long, 3/4" diameter.)

Model Part Number

F308U03 526 9304 00

Any E-mail response appreciated.

Dean, KO6IJ

761. Re: Comments on IC-2340

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: Charlie Panek <charlier>
Message-ID: <DDIqJL.98t@hpcvsnz.cv.hp.com>
Source record: 213613

Harry Salvini <hgs@wdl1.wdl.loral.com> wrote:
>
>I've put in the suggested mods, and it's OUTSTANDING!
>

What mods? There have been a couple of posts here recently looking
for mods on ther 2340H, but no responses. I've checked some of the
ftp mod sites and can't find anything either. What did you do, and
what did it get you? (I'd be happy just to open up the receiver to
wide band receive.)

--
Charlie Panek KX7L Hewlett Packard Company
charlier@lsid.hp.com Lake Stevens Instrument Division
Everett, Washington

762. Re: firmware RC-96, Eprom

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: linkcomm@worf.netins.net
Message-ID: <412vag$ub7@insosf1.netins.net>
Source record: 213614

> Greeting All; I'm not sure I'm in the right place for this but....Does any
> one know of any Eprom software called "RC-96" or "RC-850" from a company
> call Advanced Computer Controls? A friend of mine thinks it's somewhere on
> the net and asked me to get it for him. I no nothing about this sort of
> thing so if any one can help out I'd be greatful.

This is Link Communications, Inc. In cooperation with Advanced
Computer Controls, Inc., we have purchased all rights to their past
and current controller software. We will soon be posting the EPROM
and EEPROM files on our FTP site (see info below) and hopefully
providing pre-programmed PROMS. In both cases, the software will be
the last FINISHED version, not Version 6 (which was never finished).
We will also be providing ACC's manuals for those that want them.

ACCESSING OUR MANUALS AND EPROM FILES BY ANONYMOUS FTP

If you are familiar with anonymous ftp, the site is
"ftp.netins.net" and our directory is "showcase/linkcomm". The
file "readme" contains a description of the files. If you are
not familiar with anonymous ftp, follow these directions:

1. Log on to your internet provider account.

2. Ftp to ftp.netins.net: "ftp ftp.netins.net".

3. When prompted for your logon, enter "anonymous".

4. Enter your email address as your password.

5. Change to our directory with the following commands:
"cd showcase"
"cd linkcomm"

6. Change the file transfer type to binary by typing "i".

7. Look at what files are in the directory: "ls -l".

8. Look at the readme file: "get readme -".

9. Change directories if needed: "cd RLC2".

10. Transfer the files you want to your account. Example:
"get rlc3v123.zip".

10. Exit ftp: "quit".

11. Download the files from your account to your pc as usual.

> wally@pipeline.com

Steve Strobel, KC7HXB
Link Communications, Inc.
P.O. Box 1071
Sidney, MT 59270
(406) 482-7515

763. Help w/collins 32s-1 transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: U54293@uicvm.uic.edu
Message-ID: <95230.123620U54293@uicvm.uic.edu>
Source record: 213615

I have a 75s3 receiver, just got my license tech+ license and I want to use my collins 32-s1 transmitter.

I have the manual for the 75s3 which explains how to hook up the 75s3/32s1 to work as a transceiver...but...I dont have the manual for the 32s1..

Anybody have any info on how to tune-up the transmitter? Also any other info covered in the manual that I need to know?

thanks much....
-boB

764. Re: Help! Need schematics for FM Transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: jlundgre@delta1.deltanet.com
Message-ID: <412v51$f11@news2.deltanet.com>
Source record: 213616
Cross-posted to: sci.electronics,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Try the one on ftp://ftp.ee.ualberta.ca/pub/cookbook/rf/. I can't
remember what the filename is, but they're only a few in that directory.
Other alternative is to buy one as advertised in the back of the
electronics magazines. Ramsey makes the FM-4, under $15.

John LaMartina (jlamar@yrkpa.kias.com) penned:
: Victor C. Limary (vcl@mickey.cc.utexas.edu) wrote:
: : Hi. I was wondering if anyone had schematics for a small FM transmitter.
: : I need to design a wireless FM microphone for a school project. It needs to
: : be capable to transmitting to at least 20 feet away, to an ordinary FM
: : receiver. E-mails would be appreciated, but I will check the newsgroups.

: : Victor Limary |The University of Texas at Austin
: . . . . . .
: Do you want to design it or build it. Seems that if we send you the
: schematics, there's not a lot left to design :)
: -= 73 =- john k3nxu jlamar@yrkpa.kias.com
--
#===#
John Lundgren - Elec Tech - Info Tech Svcs	jlundgre@delta1
Rancho Santiago Community College District	.deltanet.com or
17th St. at Bristol \ Santa Ana, CA 92706	@rancho.cc.ca.us
Standard Disclaimers Apply (Blah-Blah...)	
"He who toys with the most dies, wins."	Dr. Kevorkian?
#===========PGP=key=available=upon=request=========================#

765. TH79A(D) Mods Incorrect?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: gaspo <gaspo>
Message-ID: <41342u$qld@sun.sirius.com>
Source record: 213617

greetings all!

i recently did the mods to my TH79A(D) following the mod in the oak.oakland
mod repository. All went well! i got the extended RX and TX ranges i wanted,
but now i can't get the 118-136 AM !!! :-(

So, does anybody know the UPDATED mod to a TH79A(D) as opposed to the
regular TH79A mod? The diodes in the "A" mod where in the same place on
my A(D) model, so i assumed there wasn't any hardware changes between them.

thanx for any info!

73deKE6SRG

--gaspo.

ps, i do have a call into Kenwood, but no answer yet

- Scott Gasparian - "gaspo" KE6SRG - Umwelt Schutzen, -
- Educator/Sysadmin - Product R+D Director - Rad Benutzen. -
- Lick Wilmerding H.S. - gaspo's Gadgets Inc. - /\ \--/ /\ \==/ -
- gaspo@lick.pvt.k12.ca.us SF(415) 333 4021 - /__\ \/ /==\ \/ -

766. Re: Icom 775DSP or Yeasu FT-1000D?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DDJ25z.Ey5@iglou.com>
Source record: 213618

Jim Lowman (jlowman@netcom.com) wrote:
: As pointed out in e-mail, I have accidentally omitted Ten Tec as another rig
: under consideration. One of the OTs at the club has a lot good to say for
: them.

FACTS FROM A CW MAN>

IF YOU ARE A CW MAN THEN

1. The FT-1000 has very poor keying. Most of them have a slight chirp and
none of them have full-break in, QSK capable of the higher speeds.

2. Most Icom rigs sound very good on CW.

3. Ten-TEC's Omni 6 has very poor keying and it is widely known that the
QSK cannot keep up with high speed. Also, they drift considerably more
than any other modern day rig.

4. I have not heard much good on the Kenwood TS-950 series however, the
TS-850 has a wonderful reputation and works very well on CW. I think it
may be the top bargin on the market today. Probably it is less than half
the cost of the Icom and Yeasu top end rigs.

5. As far as service goes. Ten-Tec has the best but Ten-Tec needs it the
most. The Jap companies are in hot competition and service levels
probably vary considerably. I really got burned out on Yeasu once
so I won't go back even if they improve.

6. My rig is a 5 year old TS-940 and I love it. Those can be had now for
around $1500, a real bargin.

73 N4LQ

--
Steve
n4lq@iglou.com

767. Trade Kenwood for Ten-Tec

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <4137td$fe7@giga.bga.com>
Source record: 213619

I have the following for "TRADE ONLY!" Kenwood TS-940S/AT w/ vs-1, & yg455c-1, SP-940, SM-220 w/ BS-8, TL-922A w/ extra tubes, all original manuals for all units, all in good working
condition. I want to trade all of it for; Ten-Tec OMNI-6 w/ all filters, & HerculesII amp & base power
supply, w/ all manuals. If you would like to trade , E-Mail me, or Call Matt @ (512)303-9503
After 7pm CDT

768. Need info on Kenwood TS 850 (converter functions)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: rhiscock@public.compusult.nf.ca
Message-ID: <rhiscock.5.002E7AFC@public.compusult.nf.ca>
Source record: 213620

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ and 430 MHz converter to be turned on or off. Can anyone tell me if there is a converter that I can buy (where can I get it?) for the rig? The manual makes no mention of this, with the exception of saying it can be turned on or off.

Thanks
Bob

769. Re: Pls Help w/TenTec Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: "Al Koblinski (W7XA)" <canksc@tevm2.nsc.com>
Message-ID: <DDJ3AI.LEC@nsc.nsc.com>
Source record: 213621

Ten tec is at 800-833-7373.
They can provide you with some info on older rigs and they also sell
used ten-tec equipment, reconditioned after trade in.
Very helpful folks!
73, Al

770. FT-900 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: roy5715936@aol.com
Message-ID: <412bj9$769@newsbf02.news.aol.com>
Source record: 213622

Are there any other mods for the yaesu FT-900 othre than the extended
transmit.
Thank you all

771. Returned mail: Local configuration error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: MAILER-DAEMON@uoknor.EDU
Message-ID: <199508181536.KAA19264@ooz.backbone.uoknor.edu>
Source record: 213623

```
This is a MIME-encapsulated message

--KAA19264.808760175/ooz.backbone.uoknor.edu

The original message was received at Fri, 18 Aug 1995 10:36:12 -0500
from aardvark.ucs.uoknor.edu [129.15.10.11]

----- The following addresses had delivery problems -----
<arees@elect1.chem.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@elect1.chem.uoknor.edu>... Local configuration error

----- Original message follows -----

--KAA19264.808760175/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@UCSD.EDU
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with ESMTP id KAA19255 for
<arees@elect1.chem.uoknor.edu>; Fri, 18 Aug 1995 10:36:12 -0500
From: Ham-Equip@UCSD.EDU
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HU7RSH4K4G0019H8@aardvark.ucs.uoknor.edu>; Fri,
18 Aug 1995 10:38:50 -0500 (CDT)
Date: Fri, 18 Aug 1995 10:38:49 -0500 (CDT)
Subject: Ham-Equip Digest V95 #348
To: arees@elect1.chem.uoknor.edu
Message-id: <01HU7RSH6YXU0019H8@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect1.chem.uoknor.edu
X-VMS-To: IN%"Ham-Equip@UCSD.EDU"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@UCSD.EDU>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HU7RS8IB5C0014QJ@aardvark.ucs.uoknor.edu>; Fri,
18 Aug 1995 10:38:39 -0500 (CDT)
Received: by mail.ucsd.edu; id EAA15372 sendmail 8.6.12/UCSD-2.2-sun Fri,
18 Aug 1995 04:39:59 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id EAA15354 sendmail 8.6.12/UCSD-2.2-sun Fri,
18 Aug 1995 04:39:57 -0700 for ham-equip-ddist
Date: Fri, 18 Aug 1995 04:39:56 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@UCSD.EDU>
```

Subject: Ham-Equip Digest V95 #348
Sender: ham-equip-relay@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Errors-to: ham-equip-relay@UCSD.EDU
Errors-to: Ham-Equip-Errors@UCSD.EDU
Reply-to: Ham-Equip@UCSD.EDU
Message-id: <199508181139.EAA15354@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Fri, 18 Aug 95 Volume 95 : Issue 348

Today's Topics:
Mail failure
Returned mail: Local configuration error

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 17 Aug 95 16:46:00 GMT
From: POSTMASTER@crmain.msmail.uthscsa.EDU (Adminstrator)
Subject: Mail failure

FROM: Adminstrator
TO: Ham-Equip Mailing List and Newsgroup DATE: 08-17-95
TIME: 11:46
SUBJECT: Mail failure

User mail failed mailing to mailbag (file contention):
UTHSCSA/CRMAIN/muenzlerk

FROM: Ham-Equip Mailing List and Newsgroup (SMTP:ham-equip@ucsd.edu)

TO: SMTP:Ham-Equip@ucsd.edu

SUBJECT: Ham-Equip Digest V95 #345

Ham-Equip Digest Thu, 17 Aug 95 Volume 95 : Issue 345

Today's Topics:
2 Meter + Business VHF (2 msgs)
FT-840 vs IC-735
FT-8500 question
Hull 5150 SSB transceiver
I buy a radio...
IC751 Microphone
Icom 751a: opinions wanted
ICOM Z1A
Mods wonted for TW-4100
Motorola radius question
need manual for JR500S
O-330A/FR or VOX-5 schematic needed
Sony ICF-SW100E/S !
Standard C508A Dual Band Micro HT
TH25-A scheme, help me
TSQ on 51r will not work thru a repeater???
Wanted: Mods for Alinco DJ-G5
Wanted usenet info (2 msgs)
WTB: Collins Power supply

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 15 Aug 1995 17:45:55 -0400
From: crobbinsnc@aol.com (CRobbinsNC)
Subject: 2 Meter + Business VHF

Most radios can be converted but the problem, Ham stuff in not generally
type accepted on the commercial band. May look for Commercial that will
go into ham to be better off on that part.

CARL
And I thought it was just ME having hard times!!!!!!!!!!!!!!!!!!

CARL

Date: 15 Aug 1995 16:19:51 GMT
From: barry@indirect.com (Barry Rose)
Subject: 2 Meter + Business VHF

In article <1995Aug11.173537.25538@us.dg.com>,
pmalenfa@kitkat.webo.dg.com (pmalenfa) wrote:

>Does anyone know of a 2 Meter portable radio that is capable of
>tx/rx on the frequencies used by the business VHF transceivers?
>I believe the business ones go from 152-158 MHz.
>It seems like they are so close that people who are licensed for
>both should be able to find a single unit that can do both.
>
Sure, a lot of them can be modified to go to the commercial bands.
But dont get caught. The fine is pretty stiff.

Barry Rose

Date: 16 Aug 1995 13:13:16 GMT
From: sgray@news-server.UCSD.EDU (Steven Gray)
Subject: FT-840 vs IC-735

ANDRES MARTINEZ (amnet@ix.netcom.com) wrote:
: I'm undecided between buying a new Yaesu FT-840 and the ICOM IC-735
: which I can find used for about the same price ($800).

: They both have Gen.Cov. Receiver and dual VFO. I'm concern about
: reliability and signal clarity on the air.

: Which one do you think is a better choice ?

I would not vote in favor of the Icom 735. I had one for a couple of
years, and was *never* impressed with its receiver. The 735 design seemed
to incorporate a great deal of synthesizer noise, resulting in a poor
noise floor (making weak signal reception difficult) and what I perceived
as a poor dynamic range.

In addition, I came to hate the little slide pots under the front cover:
difficult and touchy to adjust.

Personally, I would recommend against the Icom 735 (and the Kenwood 140s
as well, for what it's worth).

Good luck!

---Steve Gray
nr3b

Date: 16 Aug 1995 06:13:59 GMT
From: bgt@thomascomm.com (Brad Thomas)
Subject: FT-8500 question

>The transmitted audio on these radios (at least the three I've heard)
>has absolutely SUCKED. It is very bass sounding and muffled, bordering
>on distorted. I'm not impressed by this and wonder why a radio that
>costs as much as this sounds so cheap.

Yaesu has a mod to fix this. As with all new designs theres sometimes bugs
to work out. The audio seems to be echoing around inside the "pickel" making
it bassy. I sent mine in to Yaesu and they fixed it at no charge. On air
reports
say it's 100% better and sounds great.

With the new mike comming out for the 8500 there wont be this problem as it
is not as big and hollow as the "pickel". It's standard size.

73's
-Brad

Date: 16 Aug 1995 11:59:36 GMT
From: spearce@ccu1.auckland.ac.nz
Subject: Hull 5150 SSB transceiver

Hi.

I recently acquired on loan a Hull 5150 SSB Marine HF Transceiver.
Unfortunately it did not come with a manual.

It has an rs232 type connector at the back as well as an accessory sockets.
The front panel
contains a 16 key pad , a lcd frequency display, and a tuning and mode knobs.

I would like to know the protocol for the rs232 connector, and also how one
can control
the rf gain on both transmit and receive in this device.

I would very much appreciate hearing from anyone with experience or
information on the rig

Thanks
Stephen Pearce

Date: 15 Aug 1995 00:12:26 GMT
From: matjoao@ci.ua.pt (Joao Martins)
Subject: I buy a radio...

Hi...

I'm new on this stuff. I'm waiting my caller sign and I need to
buy a radio. I'm searching for RIG and for a table radio.

Who is interested to sell? Make your offer!

Tks...

Greetings,
Joao

--
Greetings,

Joao Martins

+---+
Joao Martins	E-mail: matjoao@zeus.ci.ua.pt
operating from	Fidonet: 2:361/4.8
Universidade de Aveiro	Lusonet: 16:16001/3.8
+---+

Date: 15 Aug 1995 18:31:06 -0400
From: eagle2861@aol.com (EAGLE2861)
Subject: IC751 Microphone

Anyone have any info on mic pinout fot the IC751?
If so please e-mail to: eagle2861@aol.com or eagle28@ix.netcom.com.

Thanks in advance,
Jerry

Date: 16 Aug 1995 13:22:57 GMT
From: sgray@news-server.UCSD.EDU (Steven Gray)
Subject: Icom 751a: opinions wanted

Peter A. Klein (pklein@news.seattleu.edu) wrote:

: Based on the above, I've thought about getting a used Icom 751a. However,
: after reading the ARRL Radio Buyer's Sourcebook (reprinted QST reviews)
: and talking to a few people (including ICOM service), I'm confused. I've
: been told that "the 751a was the best radio Icom ever made." I've also
: been told that the just-discontinued IC-735 receiver will outperform the
: 751a, that the 751a runs hot, and that the 751a has a similar front end to
: the 745 and may have similar overload problems.

Peter -

I can only coment on one aspect of your posting. I owned a 735 for a couple
of years, and have had the opportunity to operate a friend's recently
purchased 751a. There is simply *no way* that the 735's receiver is as
good as, or better than, the 751a's receiver.

When using the 735, I always thought it was a mediocre, noisy receiver -
I never missed the rig after I sold it. The 751a always seemed more
sensitive and less noisy; personally I'd buy one in a second *if* I could
afford it.

Good luck!

---Steve Gray
nr3b

Date: 16 Aug 1995 12:53:19 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: ICOM Z1A

>>The ICOM advertizements all have the internet address for ICOM. Send
>>them a note and they will respond with the software mods for you.
>>It worked for me!
>>
I didn't have an advert at hand when I first responded. Looking at a
current ICOM ad, they advertize their internet address as:

75540.525@compuserve.com

This address was sufficient for me to ask for and get the software mods
for my IC-W31A in June of this year. This beats a technical support hot
line hands down in my opinion.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 16 Aug 1995 13:57:11 GMT
From: tomk@tkk735.research.ptt.nl (Knaap T.A. vd)
Subject: Mods wonted for TW-4100

I just got a Kenwood TW-4100E and I am looking for the functions of the
diodes in the frontpanel. I found mods for TX/RX extention with the diodes
D6 (UHF) and D8 (VHF).
In my 4100E version are the D1, D2, D3, D4 and D5 already removed and
in the 4100A version are the D3, D4, D5 and D7 already removed.
So I am looking for functions of these diode if they are installed/removed.

------- -------------------- Tom van der Knaap
| k p n | r e s e a r c h | The Netherlands
| _| | +31 70 3325169
| _|_| . . . . . | e-mail address:
|___|_|
T.A.vanderKnaap@research.ptt.nl
My interest is in the future because packet address:
I am going to spend the rest of my life there. PA3GQL@PI8VNW.#ZH2.NLD.EU

Date: 15 Aug 1995 17:45:49 -0400
From: crobbinsnc@aol.com (CRobbinsNC)
Subject: Motorola radius question

Jeff,

Depending on the age, the P-110 MIGHT go more channels. Some do, some don't. They made a 2 watt and a 4 or 5 watt depending on VHF or UHF. ALL RADIUS products except P-10, SP-10, P-50 are programmable

CARL
And I thought it was just ME having hard times!!!!!!!!!!!!!!!!!!

CARL

Date: 16 Aug 95 16:24:10 GMT
From: wlfuqu00@service1.UKy.EDU (Bill Fuqua)
Subject: need manual for JR500S

Just got a JR500S ham band only receiver at ham fest. It is a tube type receiver perhaps made in the 60's. Seems to work well,needs alignment,considering it looks like it had been stored in a damp basement. I need a schematic and maybe specs on it. Can anyone help me out? Hope to use it with a simple cw transmitter to help some young novice operators (tech +) get started doing something other than using their HT's.

William L. Fuqua III P.E.
Department of Physics and Astronomy
CP-177 Chem. Phys. Bldg.
University of Kentucky
Lexington, Ky 40506-0055
E-mail WLFUQU00@POP.UKY.EDU
Phone (606) 257-4155

Date: 16 Aug 95 15:05:16 GMT
From: wlfuqu00@service1.UKy.EDU (Bill Fuqua)
Subject: O-330A/FR or VOX-5 schematic needed

I need a schematic of a O-330A/FR or a VOX-5 variable master oscillator. It seems to be for diversity receivers with a variable outputs of 2 to 64 MHz , two crystal oscillatos and a BFO. A two stage oven keeps the variable oscillator stable. Each oscillator has 3 outputs as well.

73
Bill
ko4ww

William L. Fuqua III P.E.
Department of Physics and Astronomy
CP-177 Chem. Phys. Bldg.
University of Kentucky
Lexington, Ky 40506-0055
E-mail WLFUQU00@POP.UKY.EDU
Phone (606) 257-4155

Date: 15 Aug 1995 03:18:49 GMT
From: danchan@hk.super.net (Mr Daniel Y K CHAN)
Subject: Sony ICF-SW100E/S !

Does anybody got some info/spec of Sony ICF-SW100E(S) model Worldband
Receiver?

Please email to me!

Dan

Date: 14 Aug 1995 17:44:03 -0400
From: glennmead@aol.com (Glenn Mead)
Subject: Standard C508A Dual Band Micro HT

I got rid of mine. The display and the faceplate
were too hard to read. I replaced it with an
ICOM w-31A, which I really like.

Date: 16 Aug 1995 12:52:55 GMT
From: victor@ibpm.serpukhov.su (Victor Voronkov)
Subject: TH25-A scheme, help me

I have Kenwood TH-25A which was broken recently :-(

I need a scheme (block diagram, board layout, schematic diagram)
for analyse and repair. I have a manual only.

If you can make a copy and send paper to me, PSE let me know.

73! RX3DIN Victor
---
http://www.stack.serpukhov.su/~victor/hamradio

Date: 15 Aug 1995 19:13:35 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: TSQ on 51r will not work thru a repeater???

I am trying to get my parents to get their ham license. One of them is
going to take the test today. I am also planning on taking both of their
VISA cards shopping for two new FT-51Rs. Just out of curiosity, have you
tried using the CTCSS on more than one repeater? If I were to look at
this through the eyes of a troubleshooter, I would say that the repeater
might be doing something to your tone as it passes through. The fact that
the other guy you talked to recieved your tone may mean that the bandwith
of his CTCSS recieve unit might be larger than those found on the Yaesu.
Does it do this to all 23 tones? Repeters often take out tones that come
in through the input freq. Or like I said, it might just be changing it
just enough that your radio can't decode the tone. I think your best bet
would be to find another repeater and try it on that, and maybe a few more

if you are in an area where there are a lot of repeaters.

Best of luck

Max
N7NWG

Date: 16 Aug 1995 19:05:55 GMT
From: infocom@inet.uni-c.dk
Subject: Wanted: Mods for Alinco DJ-G5

I would appreciate any info on this new ht from Alinco.

Date: 15 Aug 1995 01:04:18 GMT
From: David Solomon <70353.403@CompuServe.COM>
Subject: Wanted usenet info

Is there a usenet newsgroup for buying and selling ham equipment?

Thanks in advance for any information!

73 de David KB2SDD

Date: 15 Aug 1995 15:46:13 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: Wanted usenet info

David Solomon <70353.403@CompuServe.COM> writes:
>Is there a usenet newsgroup for buying and selling ham equipment?
>Thanks in advance for any information!
>73 de David KB2SDD
rec.radio.swap is primarily ham stuff, 'tho plenty of non-amateur toys as
well.
Chris, N7RME

Date: 16 Aug 1995 21:18:24 GMT
From: Ken <radioken@sierra.net>
Subject: WTB: Collins Power supply

The power supply that fits onto the rear of a
KWM-2 is a model No. "PM-2".
Ken

End of Ham-Equip Digest V95 #345
****

```
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Date: 18 Aug 95 10:38:52 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--FAA12356.808742332/ooz.backbone.uoknor.edu

The original message was received at Fri, 18 Aug 1995 05:38:49 -0500
from aardvark.ucs.uoknor.edu [129.15.10.11]

----- The following addresses had delivery problems -----
<arees@elect1.chem.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@elect1.chem.uoknor.edu>... Local configuration error

----- Original message follows -----

--FAA12356.808742332/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@UCSD.EDU
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with ESMTP id FAA12349 for
<arees@elect1.chem.uoknor.edu>; Fri, 18 Aug 1995 05:38:49 -0500
From: Ham-Equip@UCSD.EDU
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HU7HET05ZK0015X5@aardvark.ucs.uoknor.edu>; Fri,
18 Aug 1995 05:41:27 -0500 (CDT)
Date: Fri, 18 Aug 1995 05:41:27 -0500 (CDT)
Subject: Ham-Equip Digest V95 #346
To: arees@elect1.chem.uoknor.edu
Message-id: <01HU7HET21IA0015X5@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect1.chem.uoknor.edu
X-VMS-To: IN%"Ham-Equip@UCSD.EDU"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@UCSD.EDU>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HU7HELJ6CG0015Q0@aardvark.ucs.uoknor.edu>; Fri,
18 Aug 1995 05:41:17 -0500 (CDT)
Received: by mail.ucsd.edu; id DAA11187 sendmail 8.6.12/UCSD-2.2-sun Fri,
18 Aug 1995 03:31:21 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id DAA11175 sendmail 8.6.12/UCSD-2.2-sun Fri,
18 Aug 1995 03:31:19 -0700 for ham-equip-ddist
Date: Fri, 18 Aug 1995 03:31:18 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@UCSD.EDU>
Subject: Ham-Equip Digest V95 #346
```

Sender: ham-equip-relay@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Errors-to: ham-equip-relay@UCSD.EDU
Errors-to: Ham-Equip-Errors@UCSD.EDU
Reply-to: Ham-Equip@UCSD.EDU
Message-id: <199508181031.DAA11175@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Fri, 18 Aug 95 Volume 95 : Issue 346

Today's Topics:
*** STOLEN RADIO ***
ALINCO DX-70 Mod needed.
firmware RC-96, Eprom
For Sale / Trade
Heath Dual Trace Osc. Mod# SO-4550 Manual Needed
Icom 775DSP or Yeasu FT-1000D?
Icom IC-Delta1A triband Handheld info?
ICOM Z1A
IF-10-B Kenwood TS-940
Kenwood TM742A Corrected Mod!
Motorola radius question
need info;hf digital voice
OMNI VI Opinions?
Personal Phone Patch
Rad shack HTX212..any Mods yet ?? problems etc..
RC-1000 controller questions
TS-450AT Comments???
TS 850S/AT
TSQ on 51r will not work thru a repeater??? (2 msgs)
WTB: old 220 FM or allmode rig
Yaesu FT51r DC supply

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 Aug 1995 03:53:51 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: *** STOLEN RADIO ***

XYEW04A@prodigy.com (Brian Bergstrom) writes:
>>CB>And, of course, we ALL should be engraving our states' driver's
>license
>>CB>numbers on visible, exterior panels - as well as hidden inside
>>CB>locations.
>>And, of course, if we do engrave our state drivers license number on
>>visible outside panels, we destroy the "Mint" condition and salability
>>of that unit forever...
>Why would you use a number like a drivers license??!?!?!?!?!
>Your Call is the only one of its kind in the world! I have my call
>permanently engraved in the metal case of my Kenwood TH79A(D).
>I would recommend that people use this number, and with all the access to
>calls, by QRZ and such it would be a fast and easy way to locate the
>owner worldwide.
>Now this only works if someone wants to return it to you anyway.
The reason for engraving a driver's license number is because that's the
one thing the police can trace. Social inSecurity Numbers or amateur
calls are not of much use to the police. Of course, if another amateur
buys the thing, and wants to check its ownership, engraving the call
would work.
Chris, N7RME

Date: 18 Aug 1995 01:10:09 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: ALINCO DX-70 Mod needed.

In article <410n5l$cd9@news.voicenet.com>,
n3rkh@omni.voicenet.com says...
>
>Does anyone have the instractions to perform the
MARS/CAP mod
>to an Alinco DX-70?
>
>My email is: n3rkh@omni.voicenet.com
>
>Thanks much!
>
>Threes
>
>Ray.

Please send me a copy as well....expecially the six
meter mod to open the rx from 42 thru 60 Mhz !

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 16 Aug 1995 18:50:51 -0400
From: wally@nyc.pipeline.com (Wallace Jefferson)
Subject: firmware RC-96, Eprom

Greeting All; I'm not sure I'm in the right place for this but....Does any one know of any Eprom software called "RC-96" or "RC-850" from a company call Advanced Computer Controls? A friend of mine thinks it's somewhere on the net and asked me to get it for him. I no nothing about this sort of thing so if any one can help out I'd be greatful.

wally@pipeline.com

Date: 16 Aug 1995 04:28:58 GMT
From: chris <chris@enter.net>
Subject: For Sale / Trade

i'M INTERESTED ON THE ANTENNA! SEND ME EMAIL AT chris@enter.net

Chris

Date: 16 Aug 95 17:13:00 GMT
From: duane.hanson@totrbbs.radio.org (Duane Hanson)
Subject: Heath Dual Trace Osc. Mod# SO-4550 Manual Needed

Just came into posession of the above Oscilliscope and would like to get a manual. If you have one or have info, please let me know.
Duane, KD4KCR

I will pay for copying and postage.
Tnx in advance...

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

Date: 16 Aug 1995 22:50:43 GMT
From: jackwy@clark.net (John Frank)
Subject: Icom 775DSP or Yeasu FT-1000D?

In article <jlowmanDDEuJ9.3F1@netcom.com>, jlowman@netcom.com says...
>
>Although I plan to hang on to my "antique" Drake R-4/T-4X, it looks like
>it's about time to get something more modern.
>
>Right now, I'm giving top consideration to the Yaesu, but would like
>comments about both. Yaesu claims theirs to be preferred by DXers
>worldwide, but that's their own ad.
>
>I am not consideraing the top-of-the-line Kenwood rig at this time, but

>would also be willing to hear opinions about it.
>
>Thanks in advance,
>
>Jim
>
>jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
>Systems Analyst | San Bernardino City Unified School District
>(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
>(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-
>
You might hold off for awhile. Yaesu is bringing out the
FT-1000MP which has DSP on receive and some other improvements.
If you're going to spend the bucks, might as well wait for the
latest.
Jack

Date: 18 Aug 1995 04:39:23 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Icom IC-Delta1A triband Handheld info?

Just out of curiosity, where do you live? Here in Oregon, we only have
two 23cm repeaters. The Delta looks like a great radio, although it is
still kind of brickish. I own a Icom 2GAT, and I find it a little hard to
carry it around with me sometimes just because of it's size.

Max
N7NWG

Date: Wed, 16 Aug 1995 07:52:15 GMT
From: baptpdc@netcom.com (Bruce A. Pope)
Subject: ICOM Z1A

elekesa@cadvision.com (elekesa) wrote:

>Would anyone know of any mods for the IC-Z1A HT?

> Thanks
Here's a repost of the Z1A mods:

Ok, after messing around with the radio on my own and then getting the
"official" mod, here's a summary of the various diode mods for the Z1A:

Icom Z1A mods

[B]+[#]+[POWER] = Extended Receive.
VFO *DISPLAYS* 50-299.900 and 300-999.900.
AM Aircraft band enabled.
SET mode now has a new "PLACE" function for setting
the direct entry starting digit.

There is room for four diodes in the Z1A located on the CPU board to the left of the ribbon cable connector. On a US version, only the bottom two are installed. D15 is just below and to the right of the four diodes. These diodes are bigger than the rest of the surface mounted components and are easy to spot.
The official ICOM mod (which I unofficially saw...) is to remove D15 for extended TX and to use the above keyboard mod for extended receive. According to the sheet, the 800-900 band is NOT available in US versions.

```
+-+ +-+
| | | | <---- Installing diodes in either of these seems to do
+-+ +-+ nothing.

+-+ +-+
| | | | <---- IN: US Version 144-148 TX 440-450 TX
+-+ +-+ OUT: Extended 136-174 TX 380-470 TX (Lose auto-repeater
^ and tone encode)
|
+------------ IN: US 144-148 TX 440-450 TX
OUT: European 144-148 TX 430-440 TX

+-+
"D15"--> | | <---- IN: US Version Stock
+-+ OUT: Extended TX 136-174 380-470 (keeps auto-repeater
and tone encode)
```

A word of warning about messing with the four diode pads: If you detach either one of the installed diodes, the CPU will reset and you'll lose ALL of your memories. (found that out the hard way...) D15 doesn't seem to affect the memories at all.

Since the 800MHz band is not available in US versions, my guess is that there's a keyboard mod to unlock it instead of a diode. The diodes only seem to control the country versions. If anyone has any more keyboard mods, please post them.

Bruce KD6ALI

Date: Wed, 16 Aug 1995 16:43:08
From: dwshock@usa.net (Douglas W. Shock)
Subject: IF-10-B Kenwood TS-940

Can anyone help me find an IF 10B for my TS-940s. I tried building one but gave up and can't find thru any distributor. Please E-mail with any advice at dwshock@usa.net

---

Date: 16 Aug 1995 20:30:01 GMT
From: Steve Steinberg <ss@pastek.com>
Subject: Kenwood TM742A Corrected Mod!

Steve Steinberg <ss@pastek.com> wrote:
>paidukas@harris.com wrote:
>
>
>My radio (TM 942A) did NOT come as pictured below,
>chip resistor 8 was already moved down. I tried shorting
>the upper pad pair above resistor 8 but it did nothing. I
>moved the short to the lower pad pair below resistor 7,
>this worked!!
>
>I don't remember the location of the other resistors. If
>there is any interest I'll double check and write something
>up.
>
>>Here is the Correct mod for the Kenwood TM742A DC to light mod:

Paul was correct, my radio had one of the chips moved, I needed
to move the other two.

73, Steve
kg2bd@pastek.com

Date: Wed, 16 Aug 1995 01:44:19 GMT
From: ricks@Direct.CA (Rick)
Subject: Motorola radius question

corey@mcs.com (jeffcorey) wrote:

>Does anyone have the specifications on the Motorola Radius p110 UHF radio?

No, sorry.

>I have a 2 channel radio and was wondering if :

>1) It is programmable or XTAL

Programable with "RIB" box and cable and software.

>2) wattage,etc

Programable as well. Generally 5 watts for VHF or 4 watts for UHF.

>3) can you modify it for more channels?

Yes, but I don't think Motorola likes people doing it.

>4) In a related subject, I understand the HT-600/Radius 200 radios
>can be easily modified for 6 channel operation. How do you remove the knobs
>or escutcheon to gain access to the pin you need so the channel switch can rotate to the
>other positions?

You grab the knobs and pull them off. They are friction fit. Some
are very strong. To remove the panel, you just lift it with a screw
driver or knife. It is glued on. If you are careful and don't crease

it, you can then just lay it back down and it will stick.

>Thanks,

Your welcome.

>Jeff WB9KAZ

```
***********************************************
*Rick Streifel *
*Al Scott Lock & Safe Ltd. *
*St. John Ambulance Brigade *
*internet: ricks@direct.ca *
*packet radio: ve7abw@ve7rob.#vanc.bc.can.noam *
***********************************************
```

Date: Wed, 16 Aug 1995 02:00:27 GMT
From: davew@cruzio.com
Subject: need info;hf digital voice

In article <40iq2m$a52@ixnews2.ix.netcom.com>, fiscon@ix.netcom.com (William Rice) writes:
> I'm interested in HF digital voice comunications. Does anyone know of a
> good reference or have any experienc in this area?
>
> Thanks in advance.
> David Panek KE4MLV

Are you referring to sending .wav files over digital modes? I know this can be
done. Or do you mean in realtime?

.

--
Dave Wells KD6TO; INTERNET: davew@cruzio.com
Packet:KD6TO@K6LY.#CENCAL.CA.USA.NOAM; COMPUSERVE:74067,1755
(WA4UQQ Worldwide Amateur Radio Directory III KD6TO)
.

Date: 17 Aug 1995 13:21:37 GMT
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Subject: OMNI VI Opinions?

I am considering buying an OMNI VI to supplement my FT 990. I sure would
appreciate any comments on the OMNI. I am very aware of Ten Tec's superb
service since I have other Ten Tec equipment. I am more interested in the
performance of the OMNI.

Thanks Greg KN4FR

Date: Thu, 17 Aug 1995 21:13:18 -0700 (PDT)
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Subject: Personal Phone Patch

On 17 Aug 1995, Paul Bobby wrote:

>
> What should I be looking for to set up a personal phone patch?
>
> I'll run a 2m rig continously, on a simplex freq. but do'nt know much
> about it beyond that.
>
> kb2vkn
>
> --
> Paul Bobby - pbobby@ix.netcom.com
>
>
Paul,

I have run a CSI model CS-900 connected to a Alinco DR-590 on the VHF
side for about a year and am very happy with it. (I call it my poor-man
cellar) I keep the radio on a simplex freq. with tone Sql. on so others
that may use the same freq. don't come into the house.
It is not quite a slick as a repeater autopatch but when the person
on the phone understands the "you talk - then I talk" protocal it works
fine. This setup can be run through a repeater that passes DTMF tones
(not many do) or you can set up a call for someone on a repeater through
your radio.
I connected the audio from the speaker jack to the CS-900 through a relay
to an external speaker, and a 8-pin mic cable to a breakout box and run
audio and PTT in parallel with the reg. mic. I use the radio as a base
station with no problems and when I'm done just push the call button to
get back on the simplex freq. The CS-900 has a 99 no. speed dial and has
toll restrictions and can ring out on the air with your call or Tel. tone.
I have set it up where I can call into the house and access the radio to
call my wife while she's in the car.

I think I paid new $329.00 for the unit and for our needs it works fine.
I work 3 miles from home and with 3 kids and all the ballparks and stuff
we do around the neighborhood it is a good alt. to a real phone.

If you have any other questions let me know..73's Dale (KD4CVR)

Email= dxgoodm@mercury.ptes.com
packet=KD4CVR@KD4CVR.#NOCAL.CA.USA.NOAM

Date: 7 Aug 1995 05:41:01 GMT
From: danb@acme.csusb.edu (Dan Brown)
Subject: Rad shack HTX212..any Mods yet ?? problems etc..

rfisher@sky.net wrote:

: I've seen others say the same thing. There are no mods for extended
: RX , TX or memory. If anyone tells you different, they are either
: ignorant, or trying to get you to mess up your HT.

This would all be applicable if the original poster were asking
about the HTX202, but he wanted to know about the 212, which is a 45-watt
mobile unit, and a completely different animal.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu
Don't Tread on Me

Date: 16 Aug 1995 03:22:00 GMT
From: steinr@holmes.ece.orst.edu (Raymond Stein)
Subject: RC-1000 controller questions

I was planning on purchasing an RC-1000 repeater controller for use in a
GE Mastr II UHF application. Does anybody have any opinions on this
controller, good or bad? Or are there better controllers for the same
price?

Thanks for any help offered.

--

Ray Stein *** Oregon State University ***
steinr@ece.orst.edu *** Dept of Electrical Engineering ***
N7RET *** http://www.ece.orst.edu/~steinr ***

Date: Thu, 17 Aug 1995 17:43:09 GMT
From: dsa@ch.apollo.hp.com (Dale Anderson)
Subject: TS-450AT Comments???

Hi Everyone,

I'm considering dropping ~$1200 on a new TS-450AT. Before I do,
are there any NEGATIVE "features" to this rig I should be aware of?
This will be a first rig for me. It will mostly be used for CW
operation. Any comments pro/con?

Thanks,
-Dale

Date: Tue, 15 Aug 1995 18:42:59 -0800
From: tuck@europa.com
Subject: TS 850S/AT

Sometime ago, there was a letter in QST describing how to make the ATU in
a TS 450S operative in both receive and transmit to improve reception.

Does anyone have a similar mod for the TS 850S/AT??

Date: Thu, 17 Aug 1995 12:19:32 -0500
From: mmusick@talx.com (Mike Musick/N0QBF)
Subject: TSQ on 51r will not work thru a repeater???

Gary said:

> I had originally thought that
> since most repeaters either purposely don't pass pl, or just pass it
> so poorly that it won't work, maybe the other person's pl was very hot
> and forced its way through. However, that is negated by the fact that
> HE was able to use HIS ht to trigger the other one. The only one that
> doesn't seem to work is the path between him and his wife, either
> direction.

Sounds to me like a combination of several conditions. Normal repeater audio processing will roll-off the low frequencies unless they've specifically been tweaked to pass PL tones. I've had good luck passing tones above 150 Hz through most repeaters, so if Test A worked and Test B did not, check to see what tones were being used.

Also, Kenwood radios are known for having extra-hot PL injection (and no way to adjust it, unfortunately), so if the "it worked" test involved a Kenwood rig on the other end, that could be an explanation, as well.

Drew might want to try tones at the higher frequencies and see if they work with the Yaesu radios.
...mm

==========
Mike Musick/N0QBF mmusick@talx.com**
TALX Directory Division 71301,3106@compuserve.com
St. Louis, MO
Opinions expressed are my own...
...like someone else would want 'em, right?

** - If you have to reply email rather than in the newsgroup, use the CompuServe address. Our mail server died a while back and I've been given "real soon" on when it'll be up. You know how *that* works!
==========

Date: 16 Aug 1995 03:02:35 GMT
From: mcduffie@unlinfo.unl.edu (Gary McDuffie Sr)
Subject: TSQ on 51r will not work thru a repeater???

Ed@Ed writes:

>Drew. A lot of repeaters do not pass any of the tones. I think that since it
>works on simplex and not on the repeater might prove that. Ask around to see
>if there is a repeater in your area that will pass the tones.
>73 Ed

I was going to respond with a similar comment. However, after reading
his post several times, it became a real mystery. Remember (and you
apparently missed this), he was able to have someone else (besides his
wife) trigger his receiver VIA THE REPEATER, and he was able to
trigger the other person's receiver. I had originally thought that
since most repeaters either purposely don't pass pl, or just pass it
so poorly that it won't work, maybe the other person's pl was very hot
and forced its way through. However, that is negated by the fact that
HE was able to use HIS ht to trigger the other one. The only one that
doesn't seem to work is the path between him and his wife, either
direction.

I'm curious to see what the outcome of this is :)

73, Gary

Date: Thu, 17 Aug 1995 14:31:25 GMT
From: white_hae@ccsua.ctstateu.edu
Subject: WTB: old 220 FM or allmode rig

WTB: 220 FM or allmode rig, OLD OK..... crystal rigs with FM calling freq
only will do. Primary use is for VHF contesting.
Offers to white_hae@csusys.ctstateu.edu
Harry/N1QVE

Date: Fri, 18 Aug 1995 03:26:00 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Yaesu FT51r DC supply

cweddle@astro.as.arizona.edu (Chris Weddle) wrote:

>dd650@cleveland.Freenet.Edu (Drew Loker) writes:
>>>The yaesu EDC-1 (?) is a great DC adaptor. It clips onto the
>>bottom the radio, powers it at 11.5V and trickle charges the
>>battery at 50ma! the clip is quite small, the regulator is in
>>the cigarette lighter plug!
>>I am glad you mentioned this. I have a question aobut the trickle charge.
>>I read in the manual of my 51r that it is not a good idea to keep charging
>>a halfway used battery, or one that has had very little use. Is this really
>>a problem?
>...snip...
>It is generally a good idea to allow nicads to run down "completely" before
>charging. There are exact voltages specified by some makers, but you needn't
>worry too much. When the radio quits, immeadiatly recharge the battery. With
>such an approach you'll see a good useful life out of your nicads. The concerns

>about "memory" in nicads have been much reduced with improved technology over
>the years - but by no means eliminated.

There is an article by Ken Stuart (W3VVN) (ARRL Technical Advisor)
titled "Getting the Most Out of Nickel-Cadmium Batteries" that advises
never to completly run down (discharge) a NiCad battery. The article
also says that "memory" is of no real concern to the everyday HAM
user, as there are very specific conditions where memory would ever
becoome a problem.

The article lists and discusses several "myths" about NiCad batteries
and gives some good advice on how to treat, use, and charge your
batteries.

I saw the article in the "New HAM Companion" put out by ARRL.

End of Ham-Equip Digest V95 #346
****

--FAA12356.808742332/ooz.backbone.uoknor.edu--

End of Ham-Equip Digest V95 #348
****

--KAA19264.808760175/ooz.backbone.uoknor.edu--

772. Re: Yaesu FT51r DC supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <412e1a$t2o@news.ccit.arizona.edu>
Source record: 213624

sking1@ix.netcom.com (Stephen A. King) writes:
>cweddle@astro.as.arizona.edu (Chris Weddle) wrote:
>>dd650@cleveland.Freenet.Edu (Drew Loker) writes:
>>>>The yaesu EDC-1 (?) is a great DC adaptor. It clips onto the
>>>bottom the radio, powers it at 11.5V and trickle charges the
>>>battery at 50ma! the clip is quite small, the regulator is in
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>>>I read in the manual of my 51r that it is not a good idea to keep charging
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>also says that "memory" is of no real concern to the everyday HAM
>user, as there are very specific conditions where memory would ever
>becoome a problem.
>The article lists and discusses several "myths" about NiCad batteries
>and gives some good advice on how to treat, use, and charge your
>batteries.
>I saw the article in the "New HAM Companion" put out by ARRL.
Perhaps I understated the matter. I certainly agree that running a nicad down to the absolute dead state is not a good idea. By the "completely" I used above, I meant the point at which the radio quits. If you use nicads until the device stops working and then trickle charge them at a rate of C/10 for 14 hours, you'll do very nicely and see a long service life. If you allow the batteries to overheat, whether using some commercial charger or a home-made device, your service life will be much reduced.

As to memory effects, again, I suppose I did understate matters. Memory effect in modern nicad batteries is indeed a very minor concern. Hardly worth the time to worry about it.

While I've been very poorly impressed with a number of ARRL publications for their failure to correct errors year after year, I've not seen the article mentioned and cannot comment on it.

Chris
N7RME

773. National NCX-3 DC power supply wanted.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: cvb@iglou.com
Message-ID: <DDIID8.13F@iglou.com>
Source record: 213625

I have an old NCX-3 that I would love to take to my camp with me on week ends.
Only problem is that I dont have 110 vac on the property. I know that at one time
National did sale a DC power supply for this old HF rig.
Anyone have one sitting in a junk pile or on your bench not being used ?

My e-mail address is cvb@iglou.com

Thanks
Charlie AD4HH

774. Re: Pls Help w/TenTec Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <412i3d$7b8@news.iadfw.net>
Source record: 213626

jhschutt@figmnt.tayloru.edu wrote:

>Hello all!

>Does anyone know if TenTec has an 800 number? If not, does anyone know their
>number? I'm new to Ham radio, and am looking for an HF rig.

>Also, does anyone have a suggestion where I can find specs (and pictures) on
>older TenTec rigs? I'll probably buy a used rig, and I've heard that TenTec
>rigs work well on CW.

>Pls e-mail replies. THANKS A LOT!!--
>____
>John Robert Schutt /\ jhschutt@tayloru.edu
>Taylor University- Fort Wayne //\\ (219) 456-9061
>1025 W. Rudisill Blvd. ///\\\ FAX: (219) 456-2119
>Fort Wayne, IN 46807 ||
>---

Their ad in the September 1995 QST shows 1-800-833-7373. I spoke to
Ten Tec recently. They sell used/refurbished Ten Tec radios. They
will send you specs on their older models that you might be
considering to buy. Their radios are very high quality and their
service is about as good as you can get, but their radios are not
cheap. 73's...and good luck...Floyd (WD5ENJ)

775. Re: AEA Isopoles for 2 meters??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: rsmits@ham.island.net
Message-ID: <081895205302Rnf0.79b6@ham.island.net>
Source record: 213627

jwkelley@e4e.oac.uci.edu (James W. KELLEY) writes:

>Has anyone tried the 2 meter Isopoles. They sound good in the ads, but
>how do they actually perform compared to other verticals?

Just fine. I've had mine for about 6 years, it's been through 3 moves and
it still works just fine. It certainly outperforms my Ringo Ranger, a
homebrew J pole and a homebrew 3/4 wave vertical here.

A.E.A. is OK, in my book.

Good products. Good people to deal with.

--
rsmits@ham.island.net (Robert Smits VE7HS)

Isn't it time we replaced the code test with an intelligence test?
- Brian Kantor

776. RE: Mail Failure

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HU7W53QW8I0040Q6@uthscsa.edu>
Source record: 213628
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space

My apologies to the list(s). We had a system failure on our end.
It has been corrected.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

777. AEA Isopoles for 2 meters??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <412lcf$aaq@news.service.uci.edu>
Source record: 213629

Has anyone tried the 2 meter Isopoles. They sound good in the ads, but how do they actually perform compared to other verticals?

Jim Kelley

778. Re: Yaesu FT-890 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: Antonio <ea2abj@servicom.es>
Message-ID: <412bso$8av@sparky.servicom.es>
Source record: 213630

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779. Transverter Information Request

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: smithson@rosharon.wireline.slb.com
Message-ID: <412opn$hp8@sndsu1.sedalia.sinet.slb.com>
Source record: 213631

I am considering buying a transverter to work 2m SSB. I've only seen one supplier and that's Down East Microwave. They offer a 144-28 Mhz version with 25 watts out. Has anyone used a transverter and if so, what were you're impressions? Sounds too good to be true. $400 versus $1600 for an all mode VHF rig.

What are the limitations of such a set up? Can you do FM or is the FM from an HF rig "different"?

I am planning to use it with a Kenwood TS-850 SAT. If you've used anything like this, I would appreciate your input.

73 de KN4TX
Tony
smithson@lafayette.wireline.slb.com

780. --- ICOM 281H --- SELL!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: rick.gans@travel.com
Message-ID: <1d.12419.874@travel.com>
Source record: 213632

For Sale ICOM 281H radio with 2 meter transceive and 70cm
receive. Built in 9600 packet ready with jack, has 60 memory channels,
DTMF ready with autodial, and has the optional UT-85 board installed for
tone encode and decode. Includes box, all accessories and manual.
Radio was purchased new in late April, 1995. This unit sells new for
$445 with UT-85. Will sell for $325 and I will pay shipping within
US48. Call Rick at (314) 576-4600 (C.D.T.) during business hours or
E-Mail at Compuserve 76163,2032 (address for Jim Gans).

781. Re: Yaesu FT-890 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: Antonio <ea2abj@servicom.es>
Message-ID: <412bqm$8av@sparky.servicom.es>
Source record: 213633

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ï¿½ SP EA2ABJ @ EA2RCF.EAVI.ESP.EU E A 2 A B J
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ï¿½ QTH : APDO 677 CP 01080 VITORIA (SPAIN) ï¿½
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11/12ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½Ä°ï¿½ï¿½ï¿½
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782. FAQ

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: walkerc@capitalnet.com
Message-ID: <410s4c$403@news.capitalnet.com>
Source record: 213634

Hi there,
I was wondering if someone could possibly post or send me the FAQ for this group. Thanks a lot.

walkerc@capitalnet.com

783. Re: Icom 751a: opinions wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: "Fraser Robertson (G4BJM)" <f.g.robertson@open.ac.uk>
Message-ID: <412ba7$p07@clyde.open.ac.uk>
Source record: 213635

Hi Peter, I had a 751a for several years. I used it mostly on CW and installed the optional 250Hz filter. Performance was excellent, I never had RX overload problems, even under contest conditions. My only critisism was the QSK. Using an external keyer the transmitted CW was clipped, many other rigs do the same. I compensated by increasing the mark/space on the keyer. I later changed to a TS940S which has much better QSK. I ran the two together for some months. The 751a was a bit more sensitive on the higher bands. The 940 has more flexible filtering, and mine has IRC filters which are excellent. However I doubt there's anything I could copy on the 940 that I couldn't equally well on the 751a.
The QSK problem may be relevant to your amtor activities, I didn't try it. Amtor works fine on the 940.

73 Fraser

784. Re: TS-450AT Comments???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: "Chris M. Bridges" <n4fan.vnet.net>
Message-ID: <411l8e$ob2@mindy.vnet.net>
Source record: 213636

I've owened a 450s a/t for 3 years now. The only draw back I can see is
the internal antenna tuner does not function on 160 meters.

--

Chris M. Bridges
>>>>>N4FAN<<<<<<
n4fan@vnet.net

785. Re: ALINCO DX-70 Mod needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <410p9h$ci4@tilde.csc.ti.com>
Source record: 213688

In article <410n5l$cd9@news.voicenet.com>,
n3rkh@omni.voicenet.com says...
>
>Does anyone have the instractions to perform the
MARS/CAP mod
>to an Alinco DX-70?
>
>My email is: n3rkh@omni.voicenet.com
>
>Thanks much!
>
>Threes
>
>Ray.

Please send me a copy as well....expecially the six
meter mod to open the rx from 42 thru 60 Mhz !

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

786. ALINCO DX-70 Mod needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: Ray Wilson <n3rkh@omni.voicenet.com>
Message-ID: <410n5l$cd9@news.voicenet.com>
Source record: 213689

Does anyone have the instractions to perform the MARS/CAP mod
to an Alinco DX-70?

My email is: n3rkh@omni.voicenet.com

Thanks much!

Threes

Ray.

787. Re: Yaesu FT51r DC supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: sking1@ix.netcom.com
Message-ID: <411159$fqb@ixnews6.ix.netcom.com>
Source record: 213690

cweddle@astro.as.arizona.edu (Chris Weddle) wrote:

>dd650@cleveland.Freenet.Edu (Drew Loker) writes:
>>>The yaesu EDC-1 (?) is a great DC adaptor. It clips onto the
>>bottom the radio, powers it at 11.5V and trickle charges the
>>battery at 50ma! the clip is quite small, the regulator is in
>>the cigarette lighter plug!
>>I am glad you mentioned this. I have a question aobut the trickle charge.
>>I read in the manual of my 51r that it is not a good idea to keep charging
>>a halfway used battery, or one that has had very little use. Is this really
>>a problem?
>...snip...
>It is generally a good idea to allow nicads to run down "completely" before
>charging. There are exact voltages specified by some makers, but you needn't
>worry too much. When the radio quits, immeadiatly recharge the battery. With
>such an approach you'll see a good useful life out of your nicads. The concerns
>about "memory" in nicads have been much reduced with improved technology over
>the years - but by no means eliminated.

There is an article by Ken Stuart (W3VVN) (ARRL Technical Advisor)
titled "Getting the Most Out of Nickel-Cadmium Batteries" that advises
never to completly run down (discharge) a NiCad battery. The article
also says that "memory" is of no real concern to the everyday HAM
user, as there are very specific conditions where memory would ever
becoome a problem.

The article lists and discusses several "myths" about NiCad batteries
and gives some good advice on how to treat, use, and charge your
batteries.

I saw the article in the "New HAM Companion" put out by ARRL.

788. Re: Icom IC-Delta1A triband Handheld info?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: tigger@jcomm.uoregon.edu
Message-ID: <4115hr$2vp@maureen.teleport.com>
Source record: 213691

Just out of curiosity, where do you live? Here in Oregon, we only have two 23cm repeaters. The Delta looks like a great radio, although it is still kind of brickish. I own a Icom 2GAT, and I find it a little hard to carry it around with me sometimes just because of it's size.

Max
N7NWG

789. ART-13, how hard to get on the air?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: geoffs@onr.com
Message-ID: <4119ok$1dn@Sierra.onr.com>
Source record: 213692

I found an ART-13 in (of all places), an antique store for $169. I don't recall them being more valuable than $75 or so but it's been a while since I felt like fiddling with one of those dinosaurs.

Exactly what do you need to get them on the air as AM transmitters. I recall the final (an 813) taking around 2500V and the filaments are wired for 24Vdc.

OK, here come the questions: What kind of mike do you need, carbon or dynamic? Do I need a control box if I'm going to manually tune the thing? What other voltages do I need? How's it work on CW?

I ran into someone who actually had put a couple of those things on the air and said that they have a very good modulator (and hence, good XMT audio). Anyone else out there use one recently?

Please e-mail to : geoffs@onr.com. Thanks!

73's

Geoff NQ7A Austin, TX

790. Re: Icom 775DSP or Yeasu FT-1000D?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDDHEw6.A9o@netcom.com>
Source record: 213693

As pointed out in e-mail, I have accidentally omitted Ten Tec as another rig under consideration. One of the OTs at the club has a lot good to say for them.

At this point, I'm still ruling out Kenwood, due to a lot of negative feedback about their rigs and service. And the 950 doesn't really interest me as much as the others.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

791. Re: Need JRC JST-135hp Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: Paul Lannuier <gilfer@haven.ios.com>
Message-ID: <4112o1$hp7@news.ios.com>
Source record: 213694

GDFender <eureka@datasync.com> wrote:
>I own a Japan Radio Company JST-135hp HF transceiver. It was purchased
>about 4 years age. I understand there are several mods to this rig but
>Gilfers knows nothing about them... Will be happy to pay any costs for a
>copy of these mods...
>
>Gary W6SZX ex W5UUO
>

Which mods were you interested in?

Best 73!
Paul Lannuier
President
Gilfer Shortwave

GILFER SHORTWAVE | Tech & NJ: (201) 391-7887
52 Park Avenue | Orders/Quotes: (800) GILFER-1
Park Ridge, NJ 07656 | Facsimile: (201) 391-7433
USA | E-mail: gilfer@haven.ios.com
| WWW: http://www.pics.com/gilfer

Authorized Dealer for:
GRUNDIG SONY JAPAN RADIO CO KENWOOD ICOM YAESU
LOWE RF SYSTEMS JPS COMMUNICATIONS WATKINS-JOHNSON
...and exclusive distributor for
TRS CONSULTANTS SWBC ENGLISH LANGUAGE SCHEDULES SOFTWARE
---

792. Circuit needed for Micor Squelch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: "Alan K. Adamson" <ne1h>
Message-ID: <410u1k$eim@wa4mei.radio.org>
Source record: 213695

All,

I am looking for the schematic of a Micor squelch circuit that uses the 7716 chip. I need to graft it into a GE Master II and I don't know which version of the Micor uses this chip, nor do I have a service manual to reference, if anyone has information that could help. please email or post a reply. If you want and have the information and it is faxable, please feel free to send to the number listed below.

Thanks,
Alan Adamson
NE1H
ne1h@tornado.ne1h.radio.org
FAX (404) 736-9178

793. NEW HAM RADIO REMOTE CONTROL PRODUCT OFFERED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: Marshall Craw <mcraw@halcyon.com>
Message-ID: <Pine.ULT.3.91.950818221612.4145A-100000@coho.halcyon.com>
Source record: 213696
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.digital.misc

I am pleased to announce a new product offered by Positive Time Systems called the RCS-I. This is a radio controller that connects to any VHF/UHF transceiver and can issue x-10 commands. (X-10 is a power line standard for controlling devices throughout a building. Sears, Radio Shack, and others offer these compatible units)
The unit also has an alarm input, a listen feature, a short voicmail box, and responds to all commands in a pleasant female voice. The system IDs with your recorded voice and call sign. This description doesn't do the product justice, so please check out the new homepage at :

http://www.halcyon.com/pos.time.sys/top

or you may email us with you address so that we can promptly send you our brochure and newsletter.

NOTE: This product is intended for US voltages of 120 / 220 VAC. Another version is offered to support other international power standards.

FLASH! NEW FEATURE! The RCS-I has a new feature called Secure Access Mode(SAM). When enabled, the access code changes dozens of times per hour, making it virtually impossible to hack into.

Thank You,

Marshall Craw <mcraw@halcyon.com>
Positive Time Systems
North Bend, WA

794. Re: Drake TR7 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug18.145511.8228@ke4zv.atl.ga.us>
Source record: 213697
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

In article <40vtrv$bc8@olivea.ATC.Olivetti.Com> archive@flash.ATC.Olivetti.Com (DCG Mktg Docmnt (Ivrea)) writes:
>I have the problem with the receiver part of the transceiver Drake TR7
>serial number 6052. The audio reproduction is not clear compared with
>the other trtx connected to the same antenna and tuned to the same signal.
>I don't know if it is a fault of the my rtx , or the rtx produced at a certain
>period, and if successive versions have eliminated the problem, and how.
>Is anybody able to help me?

What do you mean, "is not clear"? Do you mean the frequency response is
not flat across the bandwidth of the filter in use, or do you mean that
the audio is distorted, or do you mean that the signal is weak and noisy,
etc? More information please. Detail the symptoms, and the conditions under
which they appear, and we'll try to help.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

795. Returned mail: Local configuration error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: MAILER-DAEMON@uoknor.EDU
Message-ID: <199508181038.FAA12356@ooz.backbone.uoknor.edu>
Source record: 213698

```
This is a MIME-encapsulated message

--FAA12356.808742332/ooz.backbone.uoknor.edu

The original message was received at Fri, 18 Aug 1995 05:38:49 -0500
from aardvark.ucs.uoknor.edu [129.15.10.11]

----- The following addresses had delivery problems -----
<arees@elect1.chem.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@elect1.chem.uoknor.edu>... Local configuration error

----- Original message follows -----

--FAA12356.808742332/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@UCSD.EDU
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with ESMTP id FAA12349 for
<arees@elect1.chem.uoknor.edu>; Fri, 18 Aug 1995 05:38:49 -0500
From: Ham-Equip@UCSD.EDU
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HU7HET05ZK0015X5@aardvark.ucs.uoknor.edu>; Fri,
18 Aug 1995 05:41:27 -0500 (CDT)
Date: Fri, 18 Aug 1995 05:41:27 -0500 (CDT)
Subject: Ham-Equip Digest V95 #346
To: arees@elect1.chem.uoknor.edu
Message-id: <01HU7HET21IA0015X5@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect1.chem.uoknor.edu
X-VMS-To: IN%"Ham-Equip@UCSD.EDU"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@UCSD.EDU>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HU7HELJ6CG0015Q0@aardvark.ucs.uoknor.edu>; Fri,
18 Aug 1995 05:41:17 -0500 (CDT)
Received: by mail.ucsd.edu; id DAA11187 sendmail 8.6.12/UCSD-2.2-sun Fri,
18 Aug 1995 03:31:21 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id DAA11175 sendmail 8.6.12/UCSD-2.2-sun Fri,
18 Aug 1995 03:31:19 -0700 for ham-equip-ddist
Date: Fri, 18 Aug 1995 03:31:18 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@UCSD.EDU>
```

Subject: Ham-Equip Digest V95 #346
Sender: ham-equip-relay@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Errors-to: ham-equip-relay@UCSD.EDU
Errors-to: Ham-Equip-Errors@UCSD.EDU
Reply-to: Ham-Equip@UCSD.EDU
Message-id: <199508181031.DAA11175@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Fri, 18 Aug 95 Volume 95 : Issue 346

Today's Topics:
*** STOLEN RADIO ***
ALINCO DX-70 Mod needed.
firmware RC-96, Eprom
For Sale / Trade
Heath Dual Trace Osc. Mod# SO-4550 Manual Needed
Icom 775DSP or Yeasu FT-1000D?
Icom IC-Delta1A triband Handheld info?
ICOM Z1A
IF-10-B Kenwood TS-940
Kenwood TM742A Corrected Mod!
Motorola radius question
need info;hf digital voice
OMNI VI Opinions?
Personal Phone Patch
Rad shack HTX212..any Mods yet ?? problems etc..
RC-1000 controller questions
TS-450AT Comments???
TS 850S/AT
TSQ on 51r will not work thru a repeater??? (2 msgs)
WTB: old 220 FM or allmode rig
Yaesu FT51r DC supply

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 Aug 1995 03:53:51 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: *** STOLEN RADIO ***

XYEW04A@prodigy.com (Brian Bergstrom) writes:
>>CB>And, of course, we ALL should be engraving our states' driver's
>license
>>CB>numbers on visible, exterior panels - as well as hidden inside
>>CB>locations.
>>And, of course, if we do engrave our state drivers license number on
>>visible outside panels, we destroy the "Mint" condition and salability
>>of that unit forever...
>Why would you use a number like a drivers license??!?!?!?!?!
>Your Call is the only one of its kind in the world! I have my call
>permanently engraved in the metal case of my Kenwood TH79A(D).
>I would recommend that people use this number, and with all the access to
>calls, by QRZ and such it would be a fast and easy way to locate the
>owner worldwide.
>Now this only works if someone wants to return it to you anyway.
The reason for engraving a driver's license number is because that's the
one thing the police can trace. Social inSecurity Numbers or amateur
calls are not of much use to the police. Of course, if another amateur
buys the thing, and wants to check its ownership, engraving the call
would work.
Chris, N7RME

Date: 18 Aug 1995 01:10:09 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: ALINCO DX-70 Mod needed.

In article <410n5l$cd9@news.voicenet.com>,
n3rkh@omni.voicenet.com says...
>
>Does anyone have the instractions to perform the
MARS/CAP mod
>to an Alinco DX-70?
>
>My email is: n3rkh@omni.voicenet.com
>
>Thanks much!
>
>Threes
>
>Ray.

Please send me a copy as well....expecially the six
meter mod to open the rx from 42 thru 60 Mhz !

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 16 Aug 1995 18:50:51 -0400
From: wally@nyc.pipeline.com (Wallace Jefferson)
Subject: firmware RC-96, Eprom

Greeting All; I'm not sure I'm in the right place for this but....Does any one know of any Eprom software called "RC-96" or "RC-850" from a company call Advanced Computer Controls? A friend of mine thinks it's somewhere on the net and asked me to get it for him. I no nothing about this sort of thing so if any one can help out I'd be greatful.

wally@pipeline.com

Date: 16 Aug 1995 04:28:58 GMT
From: chris <chris@enter.net>
Subject: For Sale / Trade

i'M INTERESTED ON THE ANTENNA! SEND ME EMAIL AT chris@enter.net

Chris

Date: 16 Aug 95 17:13:00 GMT
From: duane.hanson@totrbbs.radio.org (Duane Hanson)
Subject: Heath Dual Trace Osc. Mod# SO-4550 Manual Needed

Just came into posession of the above Oscilliscope and would like to get a manual. If you have one or have info, please let me know.
Duane, KD4KCR

I will pay for copying and postage.
Tnx in advance...

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

Date: 16 Aug 1995 22:50:43 GMT
From: jackwy@clark.net (John Frank)
Subject: Icom 775DSP or Yeasu FT-1000D?

In article <jlowmanDDEuJ9.3F1@netcom.com>, jlowman@netcom.com says...
>
>Although I plan to hang on to my "antique" Drake R-4/T-4X, it looks like
>it's about time to get something more modern.
>
>Right now, I'm giving top consideration to the Yaesu, but would like
>comments about both. Yaesu claims theirs to be preferred by DXers
>worldwide, but that's their own ad.
>
>I am not consideraing the top-of-the-line Kenwood rig at this time, but

>would also be willing to hear opinions about it.
>
>Thanks in advance,
>
>Jim
>
>jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
>Systems Analyst | San Bernardino City Unified School District
>(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
>(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-
>
You might hold off for awhile. Yaesu is bringing out the
FT-1000MP which has DSP on receive and some other improvements.
If you're going to spend the bucks, might as well wait for the
latest.
Jack

Date: 18 Aug 1995 04:39:23 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Icom IC-Delta1A triband Handheld info?

Just out of curiosity, where do you live? Here in Oregon, we only have
two 23cm repeaters. The Delta looks like a great radio, although it is
still kind of brickish. I own a Icom 2GAT, and I find it a little hard to
carry it around with me sometimes just because of it's size.

Max
N7NWG

Date: Wed, 16 Aug 1995 07:52:15 GMT
From: baptpdc@netcom.com (Bruce A. Pope)
Subject: ICOM Z1A

elekesa@cadvision.com (elekesa) wrote:

>Would anyone know of any mods for the IC-Z1A HT?

> Thanks
Here's a repost of the Z1A mods:

Ok, after messing around with the radio on my own and then getting the
"official" mod, here's a summary of the various diode mods for the Z1A:

Icom Z1A mods

[B]+[#]+[POWER] = Extended Receive.
VFO *DISPLAYS* 50-299.900 and 300-999.900.
AM Aircraft band enabled.
SET mode now has a new "PLACE" function for setting
the direct entry starting digit.

There is room for four diodes in the Z1A located on the CPU board to the left of the ribbon cable connector. On a US version, only the bottom two are installed. D15 is just below and to the right of the four diodes. These diodes are bigger than the rest of the surface mounted components and are easy to spot.
The official ICOM mod (which I unofficially saw...) is to remove D15 for extended TX and to use the above keyboard mod for extended receive. According to the sheet, the 800-900 band is NOT available in US versions.

```
+-+ +-+
| | | | <---- Installing diodes in either of these seems to do
+-+ +-+ nothing.

+-+ +-+
| | | | <---- IN: US Version 144-148 TX 440-450 TX
+-+ +-+ OUT: Extended 136-174 TX 380-470 TX (Lose auto-repeater
^ and tone encode)
|
+------------ IN: US 144-148 TX 440-450 TX
OUT: European 144-148 TX 430-440 TX

+-+
"D15"--> | | <---- IN: US Version Stock
+-+ OUT: Extended TX 136-174 380-470 (keeps auto-repeater
and tone encode)
```

A word of warning about messing with the four diode pads: If you detach either one of the installed diodes, the CPU will reset and you'll lose ALL of your memories. (found that out the hard way...) D15 doesn't seem to affect the memories at all.

Since the 800MHz band is not available in US versions, my guess is that there's a keyboard mod to unlock it instead of a diode. The diodes only seem to control the country versions. If anyone has any more keyboard mods, please post them.

Bruce KD6ALI

Date: Wed, 16 Aug 1995 16:43:08
From: dwshock@usa.net (Douglas W. Shock)
Subject: IF-10-B Kenwood TS-940

Can anyone help me find an IF 10B for my TS-940s. I tried building one but gave up and can't find thru any distributor. Please E-mail with any advice at dwshock@usa.net

---

Date: 16 Aug 1995 20:30:01 GMT
From: Steve Steinberg <ss@pastek.com>
Subject: Kenwood TM742A Corrected Mod!

Steve Steinberg <ss@pastek.com> wrote:
>paidukas@harris.com wrote:
>
>
>My radio (TM 942A) did NOT come as pictured below,
>chip resistor 8 was already moved down. I tried shorting
>the upper pad pair above resistor 8 but it did nothing. I
>moved the short to the lower pad pair below resistor 7,
>this worked!!
>
>I don't remember the location of the other resistors. If
>there is any interest I'll double check and write something
>up.
>
>>Here is the Correct mod for the Kenwood TM742A DC to light mod:

Paul was correct, my radio had one of the chips moved, I needed
to move the other two.

73, Steve
kg2bd@pastek.com

Date: Wed, 16 Aug 1995 01:44:19 GMT
From: ricks@Direct.CA (Rick)
Subject: Motorola radius question

corey@mcs.com (jeffcorey) wrote:

>Does anyone have the specifications on the Motorola Radius p110 UHF radio?

No, sorry.

>I have a 2 channel radio and was wondering if :

>1) It is programmable or XTAL

Programable with "RIB" box and cable and software.

>2) wattage,etc

Programable as well. Generally 5 watts for VHF or 4 watts for UHF.

>3) can you modify it for more channels?

Yes, but I don't think Motorola likes people doing it.

>4) In a related subject, I understand the HT-600/Radius 200 radios
>can be easily modified for 6 channel operation. How do you remove the knobs
>or escutcheon to gain access to the pin you need so the channel switch can rotate to the
>other positions?

You grab the knobs and pull them off. They are friction fit. Some
are very strong. To remove the panel, you just lift it with a screw
driver or knife. It is glued on. If you are careful and don't crease

it, you can then just lay it back down and it will stick.

>Thanks,

Your welcome.

>Jeff WB9KAZ

****
*Rick Streifel *
*Al Scott Lock & Safe Ltd. *
*St. John Ambulance Brigade *
*internet: ricks@direct.ca *
*packet radio: ve7abw@ve7rob.#vanc.bc.can.noam *
****

Date: Wed, 16 Aug 1995 02:00:27 GMT
From: davew@cruzio.com
Subject: need info;hf digital voice

In article <40iq2m$a52@ixnews2.ix.netcom.com>, fiscon@ix.netcom.com (William Rice) writes:
> I'm interested in HF digital voice comunications. Does anyone know of a
> good reference or have any experienc in this area?
>
> Thanks in advance.
> David Panek KE4MLV

Are you referring to sending .wav files over digital modes? I know this can be
done. Or do you mean in realtime?

.

--
Dave Wells KD6TO; INTERNET: davew@cruzio.com
Packet:KD6TO@K6LY.#CENCAL.CA.USA.NOAM; COMPUSERVE:74067,1755
(WA4UQQ Worldwide Amateur Radio Directory III KD6TO)
.

Date: 17 Aug 1995 13:21:37 GMT
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Subject: OMNI VI Opinions?

I am considering buying an OMNI VI to supplement my FT 990. I sure would
appreciate any comments on the OMNI. I am very aware of Ten Tec's superb
service since I have other Ten Tec equipment. I am more interested in the
performance of the OMNI.

Thanks Greg KN4FR

Date: Thu, 17 Aug 1995 21:13:18 -0700 (PDT)
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Subject: Personal Phone Patch

On 17 Aug 1995, Paul Bobby wrote:

>
> What should I be looking for to set up a personal phone patch?
>
> I'll run a 2m rig continously, on a simplex freq. but do'nt know much
> about it beyond that.
>
> kb2vkn
>
> --
> Paul Bobby - pbobby@ix.netcom.com
>
>
Paul,

I have run a CSI model CS-900 connected to a Alinco DR-590 on the VHF
side for about a year and am very happy with it. (I call it my poor-man
cellar) I keep the radio on a simplex freq. with tone Sql. on so others
that may use the same freq. don't come into the house.
It is not quite a slick as a repeater autopatch but when the person
on the phone understands the "you talk - then I talk" protocal it works
fine. This setup can be run through a repeater that passes DTMF tones
(not many do) or you can set up a call for someone on a repeater through
your radio.
I connected the audio from the speaker jack to the CS-900 through a relay
to an external speaker, and a 8-pin mic cable to a breakout box and run
audio and PTT in parallel with the reg. mic. I use the radio as a base
station with no problems and when I'm done just push the call button to
get back on the simplex freq. The CS-900 has a 99 no. speed dial and has
toll restrictions and can ring out on the air with your call or Tel. tone.
I have set it up where I can call into the house and access the radio to
call my wife while she's in the car.

I think I paid new $329.00 for the unit and for our needs it works fine.
I work 3 miles from home and with 3 kids and all the ballparks and stuff
we do around the neighborhood it is a good alt. to a real phone.

If you have any other questions let me know..73's Dale (KD4CVR)

Email= dxgoodm@mercury.ptes.com
packet=KD4CVR@KD4CVR.#NOCAL.CA.USA.NOAM

Date: 7 Aug 1995 05:41:01 GMT
From: danb@acme.csusb.edu (Dan Brown)
Subject: Rad shack HTX212..any Mods yet ?? problems etc..

rfisher@sky.net wrote:

: I've seen others say the same thing. There are no mods for extended
: RX , TX or memory. If anyone tells you different, they are either
: ignorant, or trying to get you to mess up your HT.

This would all be applicable if the original poster were asking
about the HTX202, but he wanted to know about the 212, which is a 45-watt
mobile unit, and a completely different animal.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu
Don't Tread on Me

Date: 16 Aug 1995 03:22:00 GMT
From: steinr@holmes.ece.orst.edu (Raymond Stein)
Subject: RC-1000 controller questions

I was planning on purchasing an RC-1000 repeater controller for use in a
GE Mastr II UHF application. Does anybody have any opinions on this
controller, good or bad? Or are there better controllers for the same
price?

Thanks for any help offered.

--

Ray Stein *** Oregon State University ***
steinr@ece.orst.edu *** Dept of Electrical Engineering ***
N7RET *** http://www.ece.orst.edu/~steinr ***

Date: Thu, 17 Aug 1995 17:43:09 GMT
From: dsa@ch.apollo.hp.com (Dale Anderson)
Subject: TS-450AT Comments???

Hi Everyone,

I'm considering dropping ~$1200 on a new TS-450AT. Before I do,
are there any NEGATIVE "features" to this rig I should be aware of?
This will be a first rig for me. It will mostly be used for CW
operation. Any comments pro/con?

Thanks,
-Dale

Date: Tue, 15 Aug 1995 18:42:59 -0800
From: tuck@europa.com
Subject: TS 850S/AT

Sometime ago, there was a letter in QST describing how to make the ATU in
a TS 450S operative in both receive and transmit to improve reception.

Does anyone have a similar mod for the TS 850S/AT??

Date: Thu, 17 Aug 1995 12:19:32 -0500
From: mmusick@talx.com (Mike Musick/N0QBF)
Subject: TSQ on 51r will not work thru a repeater???

Gary said:

> I had originally thought that
> since most repeaters either purposely don't pass pl, or just pass it
> so poorly that it won't work, maybe the other person's pl was very hot
> and forced its way through. However, that is negated by the fact that
> HE was able to use HIS ht to trigger the other one. The only one that
> doesn't seem to work is the path between him and his wife, either
> direction.

Sounds to me like a combination of several conditions. Normal repeater audio processing will roll-off the low frequencies unless they've specifically been tweaked to pass PL tones. I've had good luck passing tones above 150 Hz through most repeaters, so if Test A worked and Test B did not, check to see what tones were being used.

Also, Kenwood radios are known for having extra-hot PL injection (and no way to adjust it, unfortunately), so if the "it worked" test involved a Kenwood rig on the other end, that could be an explanation, as well.

Drew might want to try tones at the higher frequencies and see if they work with the Yaesu radios.
...mm

==========
Mike Musick/N0QBF mmusick@talx.com**
TALX Directory Division 71301,3106@compuserve.com
St. Louis, MO
Opinions expressed are my own...
...like someone else would want 'em, right?

** - If you have to reply email rather than in the newsgroup, use the CompuServe address. Our mail server died a while back and I've been given "real soon" on when it'll be up. You know how *that* works!
==========

Date: 16 Aug 1995 03:02:35 GMT
From: mcduffie@unlinfo.unl.edu (Gary McDuffie Sr)
Subject: TSQ on 51r will not work thru a repeater???

Ed@Ed writes:

>Drew. A lot of repeaters do not pass any of the tones. I think that since it
>works on simplex and not on the repeater might prove that. Ask around to see
>if there is a repeater in your area that will pass the tones.
>73 Ed

I was going to respond with a similar comment. However, after reading
his post several times, it became a real mystery. Remember (and you
apparently missed this), he was able to have someone else (besides his
wife) trigger his receiver VIA THE REPEATER, and he was able to
trigger the other person's receiver. I had originally thought that
since most repeaters either purposely don't pass pl, or just pass it
so poorly that it won't work, maybe the other person's pl was very hot
and forced its way through. However, that is negated by the fact that
HE was able to use HIS ht to trigger the other one. The only one that
doesn't seem to work is the path between him and his wife, either
direction.

I'm curious to see what the outcome of this is :)

73, Gary

Date: Thu, 17 Aug 1995 14:31:25 GMT
From: white_hae@ccsua.ctstateu.edu
Subject: WTB: old 220 FM or allmode rig

WTB: 220 FM or allmode rig, OLD OK..... crystal rigs with FM calling freq
only will do. Primary use is for VHF contesting.
Offers to white_hae@csusys.ctstateu.edu
Harry/N1QVE

Date: Fri, 18 Aug 1995 03:26:00 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Yaesu FT51r DC supply

cweddle@astro.as.arizona.edu (Chris Weddle) wrote:

>dd650@cleveland.Freenet.Edu (Drew Loker) writes:
>>>The yaesu EDC-1 (?) is a great DC adaptor. It clips onto the
>>bottom the radio, powers it at 11.5V and trickle charges the
>>battery at 50ma! the clip is quite small, the regulator is in
>>the cigarette lighter plug!
>>I am glad you mentioned this. I have a question aobut the trickle charge.
>>I read in the manual of my 51r that it is not a good idea to keep charging
>>a halfway used battery, or one that has had very little use. Is this really
>>a problem?
>...snip...
>It is generally a good idea to allow nicads to run down "completely" before
>charging. There are exact voltages specified by some makers, but you needn't
>worry too much. When the radio quits, immeadiatly recharge the battery. With
>such an approach you'll see a good useful life out of your nicads. The concerns

>about "memory" in nicads have been much reduced with improved technology over
>the years - but by no means eliminated.

There is an article by Ken Stuart (W3VVN) (ARRL Technical Advisor)
titled "Getting the Most Out of Nickel-Cadmium Batteries" that advises
never to completly run down (discharge) a NiCad battery. The article
also says that "memory" is of no real concern to the everyday HAM
user, as there are very specific conditions where memory would ever
becoome a problem.

The article lists and discusses several "myths" about NiCad batteries
and gives some good advice on how to treat, use, and charge your
batteries.

I saw the article in the "New HAM Companion" put out by ARRL.

End of Ham-Equip Digest V95 #346
****

--FAA12356.808742332/ooz.backbone.uoknor.edu--

796. Mail failure

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: POSTMASTER@crmain.msmail.uthscsa.EDU
Message-ID: <01HU7KJRKA7M0049UU@uthscsa.edu>
Source record: 213699

```
FROM: Adminstrator
TO: Ham-Equip Mailing List and Newsgroup DATE: 08-18-95
TIME: 07:03
SUBJECT: Mail failure
------------------------------------------------------------------------------

User mail failed mailing to mailbag (file contention):
UTHSCSA/CRMAIN/muenzlerk

------------------------------------------------------------------------------
FROM: Ham-Equip Mailing List and Newsgroup (SMTP:ham-equip@UCSD.EDU)

TO: SMTP:Ham-Equip@UCSD.EDU

SUBJECT: Ham-Equip Digest V95 #346

------------------------------------------------------------------------------

Ham-Equip Digest Fri, 18 Aug 95 Volume 95 : Issue 346

Today's Topics:
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Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.
```

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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 Aug 1995 03:53:51 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: *** STOLEN RADIO ***

XYEW04A@prodigy.com (Brian Bergstrom) writes:
>>CB>And, of course, we ALL should be engraving our states' driver's
>license
>>CB>numbers on visible, exterior panels - as well as hidden inside
>>CB>locations.
>>And, of course, if we do engrave our state drivers license number on
>>visible outside panels, we destroy the "Mint" condition and salability
>>of that unit forever...
>Why would you use a number like a drivers license??!?!?!?!?!
>Your Call is the only one of its kind in the world! I have my call
>permanently engraved in the metal case of my Kenwood TH79A(D).
>I would recommend that people use this number, and with all the access to
>calls, by QRZ and such it would be a fast and easy way to locate the
>owner worldwide.
>Now this only works if someone wants to return it to you anyway.
The reason for engraving a driver's license number is because that's the
one thing the police can trace. Social inSecurity Numbers or amateur
calls are not of much use to the police. Of course, if another amateur
buys the thing, and wants to check its ownership, engraving the call
would work.
Chris, N7RME

Date: 18 Aug 1995 01:10:09 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: ALINCO DX-70 Mod needed.

In article <410n5l$cd9@news.voicenet.com>,
n3rkh@omni.voicenet.com says...
>
>Does anyone have the instractions to perform the
MARS/CAP mod
>to an Alinco DX-70?
>
>My email is: n3rkh@omni.voicenet.com
>
>Thanks much!
>
>Threes
>

>Ray.

Please send me a copy as well....expecially the six
meter mod to open the rx from 42 thru 60 Mhz !

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 16 Aug 1995 18:50:51 -0400
From: wally@nyc.pipeline.com (Wallace Jefferson)
Subject: firmware RC-96, Eprom

Greeting All; I'm not sure I'm in the right place for this but....Does any
one know of any Eprom software called "RC-96" or "RC-850" from a company
call Advanced Computer Controls? A friend of mine thinks it's somewhere on
the net and asked me to get it for him. I no nothing about this sort of
thing so if any one can help out I'd be greatful.

wally@pipeline.com

Date: 16 Aug 1995 04:28:58 GMT
From: chris <chris@enter.net>
Subject: For Sale / Trade

i'M INTERESTED ON THE ANTENNA! SEND ME EMAIL AT chris@enter.net

Chris

Date: 16 Aug 95 17:13:00 GMT
From: duane.hanson@totrbbs.radio.org (Duane Hanson)
Subject: Heath Dual Trace Osc. Mod# SO-4550 Manual Needed

Just came into posession of the above Oscilliscope and would like to get
a manual. If you have one or have info, please let me know.
Duane, KD4KCR

I will pay for copying and postage.
Tnx in advance...

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

Date: 16 Aug 1995 22:50:43 GMT
From: jackwy@clark.net (John Frank)
Subject: Icom 775DSP or Yeasu FT-1000D?

In article <jlowmanDDEuJ9.3F1@netcom.com>, jlowman@netcom.com says...
>
>Although I plan to hang on to my "antique" Drake R-4/T-4X, it looks like
>it's about time to get something more modern.
>
>Right now, I'm giving top consideration to the Yaesu, but would like
>comments about both. Yaesu claims theirs to be preferred by DXers
>worldwide, but that's their own ad.
>
>I am not consideraing the top-of-the-line Kenwood rig at this time, but
>would also be willing to hear opinions about it.
>
>Thanks in advance,
>
>Jim
>
>jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
>Systems Analyst | San Bernardino City Unified School District
>(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
>(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-
>
You might hold off for awhile. Yaesu is bringing out the
FT-1000MP which has DSP on receive and some other improvements.
If you're going to spend the bucks, might as well wait for the
latest.
Jack

Date: 18 Aug 1995 04:39:23 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Icom IC-Delta1A triband Handheld info?

Just out of curiosity, where do you live? Here in Oregon, we only have
two 23cm repeaters. The Delta looks like a great radio, although it is
still kind of brickish. I own a Icom 2GAT, and I find it a little hard to
carry it around with me sometimes just because of it's size.

Max
N7NWG

Date: Wed, 16 Aug 1995 07:52:15 GMT
From: baptpdc@netcom.com (Bruce A. Pope)
Subject: ICOM Z1A

elekesa@cadvision.com (elekesa) wrote:

>Would anyone know of any mods for the IC-Z1A HT?

> Thanks
Here's a repost of the Z1A mods:

Ok, after messing around with the radio on my own and then getting the
"official" mod, here's a summary of the various diode mods for the Z1A:

Icom Z1A mods

[B]+[#]+[POWER] = Extended Receive.
VFO *DISPLAYS* 50-299.900 and 300-999.900.
AM Aircraft band enabled.
SET mode now has a new "PLACE" function for setting
the direct entry starting digit.

There is room for four diodes in the Z1A located on the CPU board to the left
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installed. D15 is just below and to the right of the four diodes. These
diodes are bigger than the rest of the surface mounted components and are easy
to spot.
The official ICOM mod (which I unofficially saw...) is to remove D15 for
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to the sheet, the 800-900 band is NOT available in US versions.

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+-+ +-+
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A word of warning about messing with the four diode pads: If you detach
either one of the installed diodes, the CPU will reset and you'll lose ALL of
your memories. (found that out the hard way...) D15 doesn't seem to affect
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Since the 800MHz band is not available in US versions, my guess is that
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to control the country versions. If anyone has any more keyboard mods, please
post them.

Bruce KD6ALI

Date: Wed, 16 Aug 1995 16:43:08
From: dwshock@usa.net (Douglas W. Shock)
Subject: IF-10-B Kenwood TS-940

Can anyone help me find an IF 10B for my TS-940s. I tried building one but gave up and can't find thru any distributor. Please E-mail with any advice at dwshock@usa.net

---

Date: 16 Aug 1995 20:30:01 GMT
From: Steve Steinberg <ss@pastek.com>
Subject: Kenwood TM742A Corrected Mod!

Steve Steinberg <ss@pastek.com> wrote:
>paidukas@harris.com wrote:
>
>
>My radio (TM 942A) did NOT come as pictured below,
>chip resistor 8 was already moved down. I tried shorting
>the upper pad pair above resistor 8 but it did nothing. I
>moved the short to the lower pad pair below resistor 7,
>this worked!!
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>I don't remember the location of the other resistors. If
>there is any interest I'll double check and write something
>up.
>
>>Here is the Correct mod for the Kenwood TM742A DC to light mod:

Paul was correct, my radio had one of the chips moved, I needed to move the other two.

73, Steve
kg2bd@pastek.com

Date: Wed, 16 Aug 1995 01:44:19 GMT
From: ricks@Direct.CA (Rick)
Subject: Motorola radius question

corey@mcs.com (jeffcorey) wrote:

>Does anyone have the specifications on the Motorola Radius p110 UHF radio?

No, sorry.

>I have a 2 channel radio and was wondering if :

>1) It is programmable or XTAL

Programable with "RIB" box and cable and software.

>2) wattage,etc

Programable as well. Generally 5 watts for VHF or 4 watts for UHF.

>3) can you modify it for more channels?

Yes, but I don't think Motorola likes people doing it.

>4) In a related subject, I understand the HT-600/Radius 200 radios
>can be easily modified for 6 channel operation. How do you remove the knobs
>or escutcheon to gain access to the pin you need so the channel switch can
rotate to the
>other positions?

You grab the knobs and pull them off. They are friction fit. Some
are very strong. To remove the panel, you just lift it with a screw
driver or knife. It is glued on. If you are careful and don't crease
it, you can then just lay it back down and it will stick.

>Thanks,

Your welcome.

>Jeff WB9KAZ

****
*Rick Streifel *
*Al Scott Lock & Safe Ltd. *
*St. John Ambulance Brigade *
*internet: ricks@direct.ca *
*packet radio: ve7abw@ve7rob.#vanc.bc.can.noam *
****

Date: Wed, 16 Aug 1995 02:00:27 GMT
From: davew@cruzio.com
Subject: need info;hf digital voice

In article <40iq2m$a52@ixnews2.ix.netcom.com>, fiscon@ix.netcom.com (William
Rice) writes:
> I'm interested in HF digital voice comunications. Does anyone know of a
> good reference or have any experienc in this area?
>
> Thanks in advance.
> David Panek KE4MLV

Are you referring to sending .wav files over digital modes? I know this can
be
done. Or do you mean in realtime?

.

--
Dave Wells KD6TO; INTERNET: davew@cruzio.com
Packet:KD6TO@K6LY.#CENCAL.CA.USA.NOAM; COMPUSERVE:74067,1755
(WA4UQQ Worldwide Amateur Radio Directory III KD6TO)
.

Date: 17 Aug 1995 13:21:37 GMT
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Subject: OMNI VI Opinions?

I am considering buying an OMNI VI to supplement my FT 990. I sure would appreciate any comments on the OMNI. I am very aware of Ten Tec's superb service since I have other Ten Tec equipment. I am more interested in the performance of the OMNI.

Thanks Greg KN4FR

Date: Thu, 17 Aug 1995 21:13:18 -0700 (PDT)
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Subject: Personal Phone Patch

On 17 Aug 1995, Paul Bobby wrote:

>
> What should I be looking for to set up a personal phone patch?
>
> I'll run a 2m rig continously, on a simplex freq. but do'nt know much
> about it beyond that.
>
> kb2vkn
>
> --
> Paul Bobby - pbobby@ix.netcom.com
>
>
Paul,

I have run a CSI model CS-900 connected to a Alinco DR-590 on the VHF side for about a year and am very happy with it. (I call it my poor-man cellar) I keep the radio on a simplex freq. with tone Sql. on so others that may use the same freq. don't come into the house.
It is not quite a slick as a repeater autopatch but when the person on the phone understands the "you talk - then I talk" protocal it works fine. This setup can be run through a repeater that passes DTMF tones (not many do) or you can set up a call for someone on a repeater through your radio.
I connected the audio from the speaker jack to the CS-900 through a relay to an external speaker, and a 8-pin mic cable to a breakout box and run audio and PTT in parallel with the reg. mic. I use the radio as a base station with no problems and when I'm done just push the call button to get back on the simplex freq. The CS-900 has a 99 no. speed dial and has toll restrictions and can ring out on the air with your call or Tel. tone. I have set it up where I can call into the house and access the radio to call my wife while she's in the car.

I think I paid new $329.00 for the unit and for our needs it works fine.
I work 3 miles from home and with 3 kids and all the ballparks and stuff
we do around the neighborhood it is a good alt. to a real phone.

If you have any other questions let me know..73's Dale (KD4CVR)

Email= dxgoodm@mercury.ptes.com
packet=KD4CVR@KD4CVR.#NOCAL.CA.USA.NOAM

Date: 7 Aug 1995 05:41:01 GMT
From: danb@acme.csusb.edu (Dan Brown)
Subject: Rad shack HTX212..any Mods yet ?? problems etc..

rfisher@sky.net wrote:

: I've seen others say the same thing. There are no mods for extended
: RX , TX or memory. If anyone tells you different, they are either
: ignorant, or trying to get you to mess up your HT.

This would all be applicable if the original poster were asking
about the HTX202, but he wanted to know about the 212, which is a 45-watt
mobile unit, and a completely different animal.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu
Don't Tread on Me

Date: 16 Aug 1995 03:22:00 GMT
From: steinr@holmes.ece.orst.edu (Raymond Stein)
Subject: RC-1000 controller questions

I was planning on purchasing an RC-1000 repeater controller for use in a
GE Mastr II UHF application. Does anybody have any opinions on this
controller, good or bad? Or are there better controllers for the same
price?

Thanks for any help offered.

--

Ray Stein *** Oregon State University ***
steinr@ece.orst.edu *** Dept of Electrical Engineering ***
N7RET *** http://www.ece.orst.edu/~steinr ***

Date: Thu, 17 Aug 1995 17:43:09 GMT
From: dsa@ch.apollo.hp.com (Dale Anderson)
Subject: TS-450AT Comments???

Hi Everyone,

I'm considering dropping ~$1200 on a new TS-450AT. Before I do,
are there any NEGATIVE "features" to this rig I should be aware of?
This will be a first rig for me. It will mostly be used for CW
operation. Any comments pro/con?

Thanks,
-Dale

Date: Tue, 15 Aug 1995 18:42:59 -0800
From: tuck@europa.com
Subject: TS 850S/AT

Sometime ago, there was a letter in QST describing how to make the ATU in
a TS 450S operative in both receive and transmit to improve reception.
Does anyone have a similar mod for the TS 850S/AT??

Date: Thu, 17 Aug 1995 12:19:32 -0500
From: mmusick@talx.com (Mike Musick/N0QBF)
Subject: TSQ on 51r will not work thru a repeater???

Gary said:

> I had originally thought that
> since most repeaters either purposely don't pass pl, or just pass it
> so poorly that it won't work, maybe the other person's pl was very hot
> and forced its way through. However, that is negated by the fact that
> HE was able to use HIS ht to trigger the other one. The only one that
> doesn't seem to work is the path between him and his wife, either
> direction.

Sounds to me like a combination of several conditions. Normal repeater
audio processing will roll-off the low frequencies unless they've
specifically been tweaked to pass PL tones. I've had good luck passing
tones above 150 Hz through most repeaters, so if Test A worked and Test B
did not, check to see what tones were being used.

Also, Kenwood radios are known for having extra-hot PL injection (and no
way to adjust it, unfortunately), so if the "it worked" test involved a
Kenwood rig on the other end, that could be an explanation, as well.

Drew might want to try tones at the higher frequencies and see if they
work with the Yaesu radios.
...mm

==========
Mike Musick/N0QBF mmusick@talx.com**
TALX Directory Division 71301,3106@compuserve.com
St. Louis, MO
Opinions expressed are my own...
...like someone else would want 'em, right?

** - If you have to reply email rather than in the newsgroup,
use the CompuServe address. Our mail server died a while back
and I've been given "real soon" on when it'll be up. You know
how *that* works!
==========

Date: 16 Aug 1995 03:02:35 GMT
From: mcduffie@unlinfo.unl.edu (Gary McDuffie Sr)
Subject: TSQ on 51r will not work thru a repeater???

Ed@Ed writes:

>Drew. A lot of repeaters do not pass any of the tones. I think that since it
>works on simplex and not on the repeater might prove that. Ask around to see
>if there is a repeater in your area that will pass the tones.
>73 Ed

I was going to respond with a similar comment. However, after reading
his post several times, it became a real mystery. Remember (and you
apparently missed this), he was able to have someone else (besides his
wife) trigger his receiver VIA THE REPEATER, and he was able to
trigger the other person's receiver. I had originally thought that
since most repeaters either purposely don't pass pl, or just pass it
so poorly that it won't work, maybe the other person's pl was very hot
and forced its way through. However, that is negated by the fact that
HE was able to use HIS ht to trigger the other one. The only one that
doesn't seem to work is the path between him and his wife, either
direction.

I'm curious to see what the outcome of this is :)

73, Gary

Date: Thu, 17 Aug 1995 14:31:25 GMT
From: white_hae@ccsua.ctstateu.edu
Subject: WTB: old 220 FM or allmode rig

WTB: 220 FM or allmode rig, OLD OK..... crystal rigs with FM calling freq
only will do. Primary use is for VHF contesting.
Offers to white_hae@csusys.ctstateu.edu
Harry/N1QVE

Date: Fri, 18 Aug 1995 03:26:00 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Yaesu FT51r DC supply

cweddle@astro.as.arizona.edu (Chris Weddle) wrote:

>dd650@cleveland.Freenet.Edu (Drew Loker) writes:
>>>The yaesu EDC-1 (?) is a great DC adaptor. It clips onto the
>>bottom the radio, powers it at 11.5V and trickle charges the
>>battery at 50ma! the clip is quite small, the regulator is in
>>the cigarette lighter plug!
>>I am glad you mentioned this. I have a question aobut the trickle charge.
>>I read in the manual of my 51r that it is not a good idea to keep charging
>>a halfway used battery, or one that has had very little use. Is this really
>>a problem?
>...snip...
>It is generally a good idea to allow nicads to run down "completely" before
>charging. There are exact voltages specified by some makers, but you needn't
>worry too much. When the radio quits, immeadiatly recharge the battery. With
>such an approach you'll see a good useful life out of your nicads. The
concerns
>about "memory" in nicads have been much reduced with improved technology over
>the years - but by no means eliminated.

There is an article by Ken Stuart (W3VVN) (ARRL Technical Advisor)
titled "Getting the Most Out of Nickel-Cadmium Batteries" that advises
never to completly run down (discharge) a NiCad battery. The article
also says that "memory" is of no real concern to the everyday HAM
user, as there are very specific conditions where memory would ever
becoome a problem.

The article lists and discusses several "myths" about NiCad batteries
and gives some good advice on how to treat, use, and charge your
batteries.

I saw the article in the "New HAM Companion" put out by ARRL.

End of Ham-Equip Digest V95 #346
****

797. Mail failure

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: POSTMASTER@crmain.msmail.uthscsa.EDU
Message-ID: <01HU7KJVP8VA0049UU@uthscsa.edu>
Source record: 213700

```
FROM: Adminstrator
TO: Ham-Equip Mailing List and Newsgroup DATE: 08-18-95
TIME: 07:03
SUBJECT: Mail failure
-------------------------------------------------------------------------------

User mail failed mailing to mailbag (file does not exist):

-------------------------------------------------------------------------------
FROM: Ham-Equip Mailing List and Newsgroup (SMTP:ham-equip@UCSD.EDU)

TO: SMTP:Ham-Equip@UCSD.EDU

SUBJECT: Ham-Equip Digest V95 #346

-------------------------------------------------------------------------------

Ham-Equip Digest Fri, 18 Aug 95 Volume 95 : Issue 346

Today's Topics:
*** STOLEN RADIO ***
ALINCO DX-70 Mod needed.
firmware RC-96, Eprom
For Sale / Trade
Heath Dual Trace Osc. Mod# SO-4550 Manual Needed
Icom 775DSP or Yeasu FT-1000D?
Icom IC-Delta1A triband Handheld info?
ICOM Z1A
IF-10-B Kenwood TS-940
Kenwood TM742A Corrected Mod!
Motorola radius question
need info;hf digital voice
OMNI VI Opinions?
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WTB: old 220 FM or allmode rig
Yaesu FT51r DC supply

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.
```

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 Aug 1995 03:53:51 GMT
From: cweddle@astro.as.arizona.edu (Chris Weddle)
Subject: *** STOLEN RADIO ***

XYEW04A@prodigy.com (Brian Bergstrom) writes:
>>CB>And, of course, we ALL should be engraving our states' driver's
>license
>>CB>numbers on visible, exterior panels - as well as hidden inside
>>CB>locations.
>>And, of course, if we do engrave our state drivers license number on
>>visible outside panels, we destroy the "Mint" condition and salability
>>of that unit forever...
>Why would you use a number like a drivers license??!?!?!?!?!
>Your Call is the only one of its kind in the world! I have my call
>permanently engraved in the metal case of my Kenwood TH79A(D).
>I would recommend that people use this number, and with all the access to
>calls, by QRZ and such it would be a fast and easy way to locate the
>owner worldwide.
>Now this only works if someone wants to return it to you anyway.
The reason for engraving a driver's license number is because that's the
one thing the police can trace. Social inSecurity Numbers or amateur
calls are not of much use to the police. Of course, if another amateur
buys the thing, and wants to check its ownership, engraving the call
would work.
Chris, N7RME

Date: 18 Aug 1995 01:10:09 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: ALINCO DX-70 Mod needed.

In article <410n5l$cd9@news.voicenet.com>,
n3rkh@omni.voicenet.com says...
>
>Does anyone have the instractions to perform the
MARS/CAP mod
>to an Alinco DX-70?
>
>My email is: n3rkh@omni.voicenet.com
>
>Thanks much!
>
>Threes
>

>Ray.

Please send me a copy as well....expecially the six
meter mod to open the rx from 42 thru 60 Mhz !

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 16 Aug 1995 18:50:51 -0400
From: wally@nyc.pipeline.com (Wallace Jefferson)
Subject: firmware RC-96, Eprom

Greeting All; I'm not sure I'm in the right place for this but....Does any
one know of any Eprom software called "RC-96" or "RC-850" from a company
call Advanced Computer Controls? A friend of mine thinks it's somewhere on
the net and asked me to get it for him. I no nothing about this sort of
thing so if any one can help out I'd be greatful.

wally@pipeline.com

Date: 16 Aug 1995 04:28:58 GMT
From: chris <chris@enter.net>
Subject: For Sale / Trade

i'M INTERESTED ON THE ANTENNA! SEND ME EMAIL AT chris@enter.net

Chris

Date: 16 Aug 95 17:13:00 GMT
From: duane.hanson@totrbbs.radio.org (Duane Hanson)
Subject: Heath Dual Trace Osc. Mod# SO-4550 Manual Needed

Just came into posession of the above Oscilliscope and would like to get
a manual. If you have one or have info, please let me know.
Duane, KD4KCR

I will pay for copying and postage.
Tnx in advance...

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

Date: 16 Aug 1995 22:50:43 GMT
From: jackwy@clark.net (John Frank)
Subject: Icom 775DSP or Yeasu FT-1000D?

In article <jlowmanDDEuJ9.3F1@netcom.com>, jlowman@netcom.com says...
>
>Although I plan to hang on to my "antique" Drake R-4/T-4X, it looks like
>it's about time to get something more modern.
>
>Right now, I'm giving top consideration to the Yaesu, but would like
>comments about both. Yaesu claims theirs to be preferred by DXers
>worldwide, but that's their own ad.
>
>I am not consideraing the top-of-the-line Kenwood rig at this time, but
>would also be willing to hear opinions about it.
>
>Thanks in advance,
>
>Jim
>
>jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
>Systems Analyst | San Bernardino City Unified School District
>(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
>(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-
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If you're going to spend the bucks, might as well wait for the
latest.
Jack

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Subject: Icom IC-Delta1A triband Handheld info?

Just out of curiosity, where do you live? Here in Oregon, we only have
two 23cm repeaters. The Delta looks like a great radio, although it is
still kind of brickish. I own a Icom 2GAT, and I find it a little hard to
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Max
N7NWG

Date: Wed, 16 Aug 1995 07:52:15 GMT
From: baptpdc@netcom.com (Bruce A. Pope)
Subject: ICOM Z1A

elekesa@cadvision.com (elekesa) wrote:

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> Thanks
Here's a repost of the Z1A mods:

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| | | | <---- Installing diodes in either of these seems to do
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+-+ +-+ OUT: Extended 136-174 TX 380-470 TX (Lose auto-repeater
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A word of warning about messing with the four diode pads: If you detach
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Since the 800MHz band is not available in US versions, my guess is that
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to control the country versions. If anyone has any more keyboard mods, please
post them.

Bruce KD6ALI

Date: Wed, 16 Aug 1995 16:43:08
From: dwshock@usa.net (Douglas W. Shock)
Subject: IF-10-B Kenwood TS-940

Can anyone help me find an IF 10B for my TS-940s. I tried building one but gave up and can't find thru any distributor. Please E-mail with any advice at dwshock@usa.net

---

Date: 16 Aug 1995 20:30:01 GMT
From: Steve Steinberg <ss@pastek.com>
Subject: Kenwood TM742A Corrected Mod!

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>
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>I don't remember the location of the other resistors. If
>there is any interest I'll double check and write something
>up.
>
>>Here is the Correct mod for the Kenwood TM742A DC to light mod:

Paul was correct, my radio had one of the chips moved, I needed to move the other two.

73, Steve
kg2bd@pastek.com

Date: Wed, 16 Aug 1995 01:44:19 GMT
From: ricks@Direct.CA (Rick)
Subject: Motorola radius question

corey@mcs.com (jeffcorey) wrote:

>Does anyone have the specifications on the Motorola Radius p110 UHF radio?

No, sorry.

>I have a 2 channel radio and was wondering if :

>1) It is programmable or XTAL

Programable with "RIB" box and cable and software.

>2) wattage,etc

Programable as well. Generally 5 watts for VHF or 4 watts for UHF.

>3) can you modify it for more channels?

Yes, but I don't think Motorola likes people doing it.

>4) In a related subject, I understand the HT-600/Radius 200 radios
>can be easily modified for 6 channel operation. How do you remove the knobs
>or escutcheon to gain access to the pin you need so the channel switch can
rotate to the
>other positions?

You grab the knobs and pull them off. They are friction fit. Some
are very strong. To remove the panel, you just lift it with a screw
driver or knife. It is glued on. If you are careful and don't crease
it, you can then just lay it back down and it will stick.

>Thanks,

Your welcome.

>Jeff WB9KAZ

****
*Rick Streifel *
*Al Scott Lock & Safe Ltd. *
*St. John Ambulance Brigade *
*internet: ricks@direct.ca *
*packet radio: ve7abw@ve7rob.#vanc.bc.can.noam *
****

Date: Wed, 16 Aug 1995 02:00:27 GMT
From: davew@cruzio.com
Subject: need info;hf digital voice

In article <40iq2m$a52@ixnews2.ix.netcom.com>, fiscon@ix.netcom.com (William
Rice) writes:
> I'm interested in HF digital voice comunications. Does anyone know of a
> good reference or have any experienc in this area?
>
> Thanks in advance.
> David Panek KE4MLV

Are you referring to sending .wav files over digital modes? I know this can
be
done. Or do you mean in realtime?

.

--
Dave Wells KD6TO; INTERNET: davew@cruzio.com
Packet:KD6TO@K6LY.#CENCAL.CA.USA.NOAM; COMPUSERVE:74067,1755
(WA4UQQ Worldwide Amateur Radio Directory III KD6TO)
.

Date: 17 Aug 1995 13:21:37 GMT
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Subject: OMNI VI Opinions?

I am considering buying an OMNI VI to supplement my FT 990. I sure would appreciate any comments on the OMNI. I am very aware of Ten Tec's superb service since I have other Ten Tec equipment. I am more interested in the performance of the OMNI.

Thanks Greg KN4FR

Date: Thu, 17 Aug 1995 21:13:18 -0700 (PDT)
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Subject: Personal Phone Patch

On 17 Aug 1995, Paul Bobby wrote:

>
> What should I be looking for to set up a personal phone patch?
>
> I'll run a 2m rig continously, on a simplex freq. but do'nt know much
> about it beyond that.
>
> kb2vkn
>
> --
> Paul Bobby - pbobby@ix.netcom.com
>
>
Paul,

I have run a CSI model CS-900 connected to a Alinco DR-590 on the VHF side for about a year and am very happy with it. (I call it my poor-man cellar) I keep the radio on a simplex freq. with tone Sql. on so others that may use the same freq. don't come into the house.
It is not quite a slick as a repeater autopatch but when the person on the phone understands the "you talk - then I talk" protocal it works fine. This setup can be run through a repeater that passes DTMF tones (not many do) or you can set up a call for someone on a repeater through your radio.
I connected the audio from the speaker jack to the CS-900 through a relay to an external speaker, and a 8-pin mic cable to a breakout box and run audio and PTT in parallel with the reg. mic. I use the radio as a base station with no problems and when I'm done just push the call button to get back on the simplex freq. The CS-900 has a 99 no. speed dial and has toll restrictions and can ring out on the air with your call or Tel. tone. I have set it up where I can call into the house and access the radio to call my wife while she's in the car.

I think I paid new $329.00 for the unit and for our needs it works fine.
I work 3 miles from home and with 3 kids and all the ballparks and stuff
we do around the neighborhood it is a good alt. to a real phone.

If you have any other questions let me know..73's Dale (KD4CVR)

Email= dxgoodm@mercury.ptes.com
packet=KD4CVR@KD4CVR.#NOCAL.CA.USA.NOAM

Date: 7 Aug 1995 05:41:01 GMT
From: danb@acme.csusb.edu (Dan Brown)
Subject: Rad shack HTX212..any Mods yet ?? problems etc..

rfisher@sky.net wrote:

: I've seen others say the same thing. There are no mods for extended
: RX , TX or memory. If anyone tells you different, they are either
: ignorant, or trying to get you to mess up your HT.

This would all be applicable if the original poster were asking
about the HTX202, but he wanted to know about the 212, which is a 45-watt
mobile unit, and a completely different animal.

--
Dan Brown, KE6MKS
danb@acme.csusb.edu
Don't Tread on Me

Date: 16 Aug 1995 03:22:00 GMT
From: steinr@holmes.ece.orst.edu (Raymond Stein)
Subject: RC-1000 controller questions

I was planning on purchasing an RC-1000 repeater controller for use in a
GE Mastr II UHF application. Does anybody have any opinions on this
controller, good or bad? Or are there better controllers for the same
price?

Thanks for any help offered.

--

Ray Stein *** Oregon State University ***
steinr@ece.orst.edu *** Dept of Electrical Engineering ***
N7RET *** http://www.ece.orst.edu/~steinr ***

Date: Thu, 17 Aug 1995 17:43:09 GMT
From: dsa@ch.apollo.hp.com (Dale Anderson)
Subject: TS-450AT Comments???

Hi Everyone,

I'm considering dropping ~$1200 on a new TS-450AT. Before I do,
are there any NEGATIVE "features" to this rig I should be aware of?
This will be a first rig for me. It will mostly be used for CW
operation. Any comments pro/con?

Thanks,
-Dale

Date: Tue, 15 Aug 1995 18:42:59 -0800
From: tuck@europa.com
Subject: TS 850S/AT

Sometime ago, there was a letter in QST describing how to make the ATU in
a TS 450S operative in both receive and transmit to improve reception.
Does anyone have a similar mod for the TS 850S/AT??

Date: Thu, 17 Aug 1995 12:19:32 -0500
From: mmusick@talx.com (Mike Musick/N0QBF)
Subject: TSQ on 51r will not work thru a repeater???

Gary said:

> I had originally thought that
> since most repeaters either purposely don't pass pl, or just pass it
> so poorly that it won't work, maybe the other person's pl was very hot
> and forced its way through. However, that is negated by the fact that
> HE was able to use HIS ht to trigger the other one. The only one that
> doesn't seem to work is the path between him and his wife, either
> direction.

Sounds to me like a combination of several conditions. Normal repeater
audio processing will roll-off the low frequencies unless they've
specifically been tweaked to pass PL tones. I've had good luck passing
tones above 150 Hz through most repeaters, so if Test A worked and Test B
did not, check to see what tones were being used.

Also, Kenwood radios are known for having extra-hot PL injection (and no
way to adjust it, unfortunately), so if the "it worked" test involved a
Kenwood rig on the other end, that could be an explanation, as well.

Drew might want to try tones at the higher frequencies and see if they
work with the Yaesu radios.
...mm

==========
Mike Musick/N0QBF mmusick@talx.com**
TALX Directory Division 71301,3106@compuserve.com
St. Louis, MO
Opinions expressed are my own...
...like someone else would want 'em, right?

** - If you have to reply email rather than in the newsgroup,
use the CompuServe address. Our mail server died a while back
and I've been given "real soon" on when it'll be up. You know
how *that* works!
==========

Date: 16 Aug 1995 03:02:35 GMT
From: mcduffie@unlinfo.unl.edu (Gary McDuffie Sr)
Subject: TSQ on 51r will not work thru a repeater???

Ed@Ed writes:

>Drew. A lot of repeaters do not pass any of the tones. I think that since it
>works on simplex and not on the repeater might prove that. Ask around to see
>if there is a repeater in your area that will pass the tones.
>73 Ed

I was going to respond with a similar comment. However, after reading
his post several times, it became a real mystery. Remember (and you
apparently missed this), he was able to have someone else (besides his
wife) trigger his receiver VIA THE REPEATER, and he was able to
trigger the other person's receiver. I had originally thought that
since most repeaters either purposely don't pass pl, or just pass it
so poorly that it won't work, maybe the other person's pl was very hot
and forced its way through. However, that is negated by the fact that
HE was able to use HIS ht to trigger the other one. The only one that
doesn't seem to work is the path between him and his wife, either
direction.

I'm curious to see what the outcome of this is :)

73, Gary

Date: Thu, 17 Aug 1995 14:31:25 GMT
From: white_hae@ccsua.ctstateu.edu
Subject: WTB: old 220 FM or allmode rig

WTB: 220 FM or allmode rig, OLD OK..... crystal rigs with FM calling freq
only will do. Primary use is for VHF contesting.
Offers to white_hae@csusys.ctstateu.edu
Harry/N1QVE

Date: Fri, 18 Aug 1995 03:26:00 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Yaesu FT51r DC supply

cweddle@astro.as.arizona.edu (Chris Weddle) wrote:

>dd650@cleveland.Freenet.Edu (Drew Loker) writes:
>>>The yaesu EDC-1 (?) is a great DC adaptor. It clips onto the
>>bottom the radio, powers it at 11.5V and trickle charges the
>>battery at 50ma! the clip is quite small, the regulator is in
>>the cigarette lighter plug!
>>I am glad you mentioned this. I have a question aobut the trickle charge.
>>I read in the manual of my 51r that it is not a good idea to keep charging
>>a halfway used battery, or one that has had very little use. Is this really
>>a problem?
>...snip...
>It is generally a good idea to allow nicads to run down "completely" before
>charging. There are exact voltages specified by some makers, but you needn't
>worry too much. When the radio quits, immeadiatly recharge the battery. With
>such an approach you'll see a good useful life out of your nicads. The
concerns
>about "memory" in nicads have been much reduced with improved technology over
>the years - but by no means eliminated.

There is an article by Ken Stuart (W3VVN) (ARRL Technical Advisor)
titled "Getting the Most Out of Nickel-Cadmium Batteries" that advises
never to completly run down (discharge) a NiCad battery. The article
also says that "memory" is of no real concern to the everyday HAM
user, as there are very specific conditions where memory would ever
becoome a problem.

The article lists and discusses several "myths" about NiCad batteries
and gives some good advice on how to treat, use, and charge your
batteries.

I saw the article in the "New HAM Companion" put out by ARRL.

End of Ham-Equip Digest V95 #346
****

798. Info on NEW TS870S?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-18 00:00:00 UTC
From: esrac@stack.urc.tue.nl
Message-ID: <411qvi$l8s@tuegate.tue.nl>
Source record: 213701

I've heared that Kenwood came out with a new competitive radio the TS870S.
Does anyone have additional info?

73 de Aurelio a.m.m.bellussi@stud.tue.nl

799. Kenwood Transceiver wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: dls@goodnet.com
Message-ID: <DDKnI4.9u0@goodnet.com>
Source record: 213552

I am looking for a clean TS440 or TS550. Must be realistically priced
and in perfect condition.
K0RSo

800. Re: For Sale / Trade

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: "Vester Scott"
Message-ID: <DDKqBE.8Jt@attatl.AtlantaGA.NCR.COM>
Source record: 213553

I have a recently aligned Kenwood TS-700 all-mode 2M base xcvr, in great
condx, with service manuals to trade for the SIMMS.
Let me know if you're interested.
-Vester
vester.scott@atlantaga.attgis.com
404-623-7624

801. Filament voltages?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: jeff.sumberg@sailboard.com
Message-ID: <8AF742D.012D001857.uuout@sailboard.com>
Source record: 213554

I picked up the following transmitting tubes for "shelf duty" (curio items), and I'd like to try to light the filaments. Could anyone supply the filament voltages, and current drawn if you know, for the following tubes:

Eimac 100T

6155

4-65A

Email will be fine. Thanks

73 de N2VYU

802. Icom R-7000 problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: token@owens.ridgecrest.ca.us
Message-ID: <DDJMrx.4CM@ridgecrest.ca.us>
Source record: 213555

Hello to one and all.

This is my first posting to this list and I am also new to the net, so please excuse any errors in Netiquette.

My Icom R-7000 has a problem staying on frequency. I have had it on the bench several times but the problem keeps coming back.

The radio will be fine for a while and then jump about 11 kc of freq in the opposite direction of the last time it did it.

Anybody ever see anything remotely like this?

Thanks and 73s

Darrell
KD6LRC

803. Re: Transverter Information Request

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: token@owens.ridgecrest.ca.us
Message-ID: <DDJn4E.4IH@ridgecrest.ca.us>
Source record: 213556

Transverters work great!

No problem with the FM from a normal(?) HF rig, as long as it transmits NBFM (normal). The only problem you may have on FM is if the transverter does not have the proper offset (or the HF rig dosn't have dual VFOs) you may not be able to use repeaters.

I use transverters on 6M, 2M, 70cm, and 1296. I also have dedicated all mode rigs on 6M and 2M and find that the transverters are just as good as the all modes.

Good luck and 73s

Darrell
KD6LRC

804. Re: firmware RC-96, Eprom

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: hideg.1@nd.edu
Message-ID: <hideg.1-1908952310320001@hideg.cc.nd.edu>
Source record: 213557

In article <412vag$ub7@insosf1.netins.net>, linkcomm@worf.netins.net (Link Communications) wrote:

> This is Link Communications, Inc. In cooperation with Advanced
> Computer Controls, Inc., we have purchased all rights to their past
> and current controller software. We will soon be posting the EPROM
> and EEPROM files on our FTP site (see info below) and hopefully
> providing pre-programmed PROMS. In both cases, the software will be
> the last FINISHED version, not Version 6 (which was never finished).
> We will also be providing ACC's manuals for those that want them.

Steve,

Do you plan to pick up the V6 project?

--Steve Hideg, N8HSC

..

805. SELL OR TRADE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: planck@iquest.net
Message-ID: <DDJHDt.G1K@iquest.net>
Source record: 213637

FOR SALE: GRUNDIG SAT 700, 3 MO OLD, $325 SHIPPED
BEARCAT 9000 XLT W/GRE 800 MHZ CONV, 4 MO OLD, $375 SHIPPED
KENWOOD TS440SAT EXCELL COND $750 SHIPPED
AMERITRON AL80B AMP, 3 MO OLD $800 SHIPPED
KENWOOD TM241A 2M, 50 WATTS, 1 YR OLD NEVER MOBILE, $250
SHIPPED
SANGEAN ATS818 SHORTWAVE RECEIVER, GOOD COND $90 SHIPPED
WOULD CONSIDER TRADE FOR MINT YAESU FT990 OR MINT SONY 2010,
NO SCRATCHES, MUST BE LESS THAN A YR OLD

PH 317-724-3178 DEWAYNE AA9AF OR WRITE TO :

DEWAYNE PLANCK
1407 LINCOLN AVE, LOT 4
ALEXANDRIA, IN 46001

806. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: shaimes@sescva.ESc.EDU
Message-ID: <95081823170975@sescva.esc.edu>
Source record: 213638

unsubscribe

807. Icom 2GXAT durability

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: mustang@serv2.fwi.com
Message-ID: <413naf$4pv@news.ios.com>
Source record: 213639

Fellow Hams,

I would appreciate it if anyone had any information what so ever on the durability of the Icom 2GXAT.
I will be using this radio extensively in the field. I have had some bad luck with a few others and would
appreciate any information anyone could provide.

73s,

Todd Hargis N9XRG
mustang@serv2.fwi.com

808. Program for finding headings for antennas ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <413sl6$k50@newsbf02.news.aol.com>
Source record: 213640

Is there a shareware program for figuring out the proper headings for your antenna to other countries ? Thanks !
Please e-mail me !

809. FM 92 Programing software wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: Justin R Bietz <Covert@apana.org.au>
Message-ID: <41507c$a6c@panther.apana.org.au>
Source record: 213641

I'm trying to get some software to program a Phillips FM 92 Rom.
All I need is S/W to generate the .bin file, I have a burner.
Thankyou.

810. ICOM BC-50 / BP-24

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <414h3g$mic@yrkpa.kias.com>
Source record: 213642

I recently purchased an IC-u2AT with BC-50 charger.
Does anyone have a copy of the paperwork on the BC-50 ?

I need to know the charge rates and info on the internal circuitry.

Any help greatly appreciated. Thanks in advance.

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

811. 2m antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: garfield55@aol.com
Message-ID: <414hga$okf@newsbf02.news.aol.com>
Source record: 213643

I am buying a 2 meter HT. The ALINCO Dj-180 T. I have a few questions maybe someone can answer about antennas. First, I am cheap. Suggestions for antennas would be better if under $75. I don't want a beam because I would have to get a rotator. (Repeaters in my area are at least 10 miles away and in opposite directions.) I am thinking about buying the discone antenna at radio shack so if I buy a scanner, I've already got an antennaa. I also like the Iso Pole antenna. Tell me what you think. I will be very grateful. Thanks for all your help.
garfield55@aol.com

812. Tiger Tail any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: dhughes@prairienet.org
Message-ID: <414k61$mn3@vixen.cso.uiuc.edu>
Source record: 213644

I've seen ads for what appears to be a 6-inch length of wire that mounts at the base of a 2-meter handheld ducky. It is supposed to give you a ground plane and thereby extend your reach dramatically. It sells for something like seven bucks. Three questions:

1. Does it work?

2. Why doesn't everybody use one?

3. Couldn't you wrap one end of a piece of scrap wire around the base of your HT and save the seven bucks?

Thanks! ---Dan
--

813. Re: ICOM 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: dragonsl@scn.org
Message-ID: <dragonsl-1908950827460001@192.0.2.1>
Source record: 213645

In article <40vofo$8kj@falcon.varian.com>, Peter Bealo
<peter.bealo@iis.varian.com> wrote:

>Anyone out there have experience with this rig yet??
What until Icom gets the OK to sell the rig ;)

--
Ralph Lindberg N7BSN
e-mail to dragonsl@scn.org (read daily)
rlindberg@kpt.nuwc.navy.mil (last resort only)
They call it "Sur'n the Net" 'cause you can wipe out so easy

814. Re: Tiger Tail any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug19.153549.12535@ke4zv.atl.ga.us>
Source record: 213646

In article <414k61$mn3@vixen.cso.uiuc.edu> dhughes@prairienet.org (Dan Hughes) writes:
>
>I've seen ads for what appears to be a 6-inch length of wire that mounts
>at the base of a 2-meter handheld ducky. It is supposed to give you a
>ground plane and thereby extend your reach dramatically. It sells for
>something like seven bucks. Three questions:
>
>1. Does it work?

Yes. It supplies the monopole with a counterpoise. Normally, your
body supplies the counterpoise, but you aren't very conductive to
RF.

>2. Why doesn't everybody use one?

It looks stupid. :-)

>3. Couldn't you wrap one end of a piece of scrap wire around the base of
>your HT and save the seven bucks?

Sort of. What you actually want is a *19* inch wire that connects
to the shell of the BNC antenna connector. The Tiger Tail has an
alligator clip, but a ring terminal you can wedge between the
antenna BNC shell and the radio connector would be better because
it won't pop off unexpectedly and be lost.

The Tiger Tail is a ripoff from strictly an economic view, or a
great marketing gimmick from another point of view. The idea
is sound, however, and you can make the equivalent for about
15 cents.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

815. Mods for scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: ea2abj@servicom.ES, Internet
Message-ID: <9508191320.AA29838@servicom.es>
Source record: 213647

```
This is a multi-part message in MIME format.

----------------------------------16273249195411
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

--
* OP. ANTONIO GUERRERO
* SP EA2ABJ @ EA2RCF.EAVI.ESP.EU
* INTERNET E-mail = ea2abj@servicom.es
* QTH : APDO 677 CP 01080 VITORIA (SPAIN)
* QTH LOC : IN82QU E A 2 A B J

----------------------------------16273249195411
Content-Transfer-Encoding: 7bit
Content-Type: text/plain

Hallo every body.
My name is Toni, and excuse me for my bad Ehglish.
I've got a scanner I commex, and I think so it's posible to open all band.
Now have 50 memories and the limits are 26 Mhz to 512 Mhz.
If you know the mod for open it, please send me the request to

* OP. ANTONIO GUERRERO
* SP EA2ABJ @ EA2RCF.EAVI.ESP.EU
* INTERNET E-mail = ea2abj@servicom.es
* QTH : APDO 677 CP 01080 VITORIA (SPAIN)
* QTH LOC : IN82QU E A 2 A B J

----------------------------------16273249195411--
```

816. Icom IC2SA/SE manual/mods wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: Al Bolton <Al@boltons.demon.co.uk>
Message-ID: <808854091snz@boltons.demon.co.uk>
Source record: 213648

Hello,

I have recently acquired an Icom IC2SA 2 meter rig without a manual. Icom (UK) seem to have ignored my requests for help and a manual so does anyone out there have a manual I could photocopy or purchase?
I know there are many mods meant to be in existence for this rig. Anyone have any details of these? Most of all, I want to be able to fit a 1750Hz toneburst as my set doesn't have one being a US model.
Please email any replies to al@boltons.demon.co.uk.

Many thanks!

Al Bolton.
OK8VSQ/OM/G4VSQ.
Caversham, UK.
G-QRP 8741
----

817. Re: FT-840 vs IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <415bh5$kr7@solaris.cc.vt.edu>
Source record: 213649

In article <planck.808532678@dorite>, planck@iquest.net (William Planck) says:
>
><40nru2$77q$1@mhafm.production.compuserve.com> <40nugi$ip@agate.berkeley.edu>
>
> I was wondering if the FT 840 has an RF gain control. I think the rig
>looks very nice, but gotta have RF gain. 73
> DeWayne AA9AF

Doesn't have it... Probably the biggest flaw in an otherwise excellent
rig. Also doesn't have VOX, but I don't miss that, especially mobile.
What I do like: it's smaller than the IC-735, probably has a better
receiver. Nice audio, now that I replaced the hand mike element with
a Heil HC-5; still have freq up down control from the mike = works nice.
I could have gotten an IC-735 used for about 700, but the 840 was only
800 new, with warranty. No brainer, really.
73, John

818. Re: Kenwood TS850S VS Yaesu FT-990

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <415c0t$kr7@solaris.cc.vt.edu>
Source record: 213650

In article <199508151421.HAA03635@UCSD.EDU>, M740166%SLVMA.PRofs@mdcgwy.mdc.COM says:

snip

They're both fine radios. I've used the 990 at a friends house, also
used an FT1000 during field day. I own the 850, though, and would not
trade it even for the more expensive 990. Here are few reasons.
The 850's flexibility in receive (and transmit) filter selection allows
me to select whatever if bandwidth fits the situation - sometimes I open
up the AM to 12khz - unbelievably good audio for shortwave listening.
The 850 has no built in power supply, so its more portable.
I like the LED readout for multimter; the 990 uses old fashioned needle.
(the 850's meter can be set for peak hold which is really nice)
Passband tuning in the 850 really works well on adjacent channel interf.
850 can easily be turned up to 150 Watts; don't know about the 990. I've
been running mine at 150 for years, no problems.
The 990 may have a better receiver, but there's not a big difference.
All in all, the 850 has more features for less price.
You may want to stay tuned for new radios being released by all majors;
looks like they're coming out with new rigs in the 850/990 price range
73, John

819. Kenwood TH-79A(D) Mod Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-19 00:00:00 UTC
From: Matt Mills <mmills@puc.edu>
Message-ID: <Pine.BSD/.3.91.950819121131.17014D-100000@ecf2.puc.edu>
Source record: 213651

I just recently got ahold of the Mods for the TH-79A. I own the TH-79A(D).

I thought that the MODS would be the same for both models but when I completed the "extended receive" mod I ran into trouble.

Like a message that was posted by someone else I lost my AM receive from 118-136 I believe. But ALSO I lost control of part of my keypad. From 3 down the row to the #. I am just wondering if there are any different mods between the 79a and the 79ad. And if anyone knows why I would have lost control of my keypad, or if anyone has had the same trouble?

Thank You

Matt Mills
KE6MIH

820. Plectron and Motorola Alert Monitor Receivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: parnass@att.com
Message-ID: <DDLA7J.3Cp@ssbunews.ih.att.com>
Source record: 213558
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment,rec.radio.info

Last changed: August 18, 1995 |

Add a Plectron or Motorola Alert
Crystal Controlled Monitor Receiver
to Your Scanner Collection

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author.]

In the 1960s and 1970s, thousands of firemen and ambulance squad members came to rely on their transistor Plectron and Motorola monitor receivers. They have now been replaced by portable pagers, and are often available at hamfests in the $5 - $25 range. Since many are in rough condition and need repair, a hamfest special is better suited for hobbyists who like to fix their own radios.

Plectron and Motorola crystal controlled receivers are excellent for dedicated monitoring of local frequencies -- a task for which you wouldn't want to tie up your 400 channel programmable scanner. They can be powered from 117VAC or 12VDC with the proper mobile cord. The audio | quality of a Plectron P1, Plectron 700 series, and Motorola Alert Monitor is far better than any consumer grade scanner and the sensitivity, image rejection, and intermod immunity is outstanding when aligned properly. *

The Plectron and Motorola Alert monitors are single band | receivers: VHF-low, VHF-high, or UHF. No single Plectron | or Motorola Alert monitor can cover the entire 30-50 MHz | band, so there were versions optimized for each portion of | the VHF-low band. There were different versions to cover | low and high "splits" in the VHF-high band, too. Although | UHF versions were made, they are somewhat rare and coverage | is limited to 470 MHz and below. |

Plectron made several models with dozens of different | options. Both the original P1 and later 700 series are | suitable for restoration, although I prefer the newer 700 | models. The Plectron 500 "economy" series is less | desirable. |

The P1 series have black cabinets with a blue-green and |
silver color scheme used on the front panel. They were |
made in the Chief (tone decoder & carrier squelch), Patrol |
(carrier squelch only), and Sentry (tone only) models. The |
Sentry models lack a carrier squelch and therefore are of |
little use to hobbyists except for scavenging parts. Model |
number and frequency information appears on a gummed label |
on the rear panel: |

Band (MHz) Chief Patrol |
_____ |
25-54 R19 R15 |
148-174 R20 R16 |
450-470 R23 R21 |

Table 1. Plectron P1 models |

The R700 series have black cabinets with brown front panels |
and are slightly smaller than the P1 receivers. R700s were |
made in the Chief (tone decoder & carrier squelch) and |
Patrol (carrier squelch only) models: |

Band (MHz) Chief Patrol |
_____ |
25-54 R719 R715 |
148-174 R720 R716 |
450-470 R723 R721 |

Table 2. Plectron 700 models |

The Plectron FM Receiver/Recorder is a collector's item. |
It is essentially a 700 series Chief receiver with a built |
in cassette tape recorder. The recorder is carrier |
activated and can tape transmissions while the receiver is |
unattended. A connector on the rear panel allows for all |
kinds of remote control possibilities. |

I use two Plectron P1s and four R700s in my living room, |
seven R700s down the basement, and several Plectrons and
Alert Monitors stored in reserve. The basement Plectrons
are turned on automatically when someone walks down
downstairs. Power to them is controlled by a modified |
Radio Shack Safe House infrared motion detector, originally
sold as an intrusion alarm.

When a rescue squad member from Missouri advertised a
number of Plectrons on USENET, I bought them -- all 20+ of
them. I cleaned, fixed, and restored each one. After |
recrystalling them on local frequencies, I distributed them |
to members of my scanner club who were glad to get them.

Both brands of receiver require special crystals. I *
sometimes use Radio Shack's generic 3rd overtone scanner
crystals in the Plectrons but they oscillate on frequencies

far away from their marked frequencies. That's because the Plectron oscillator is designed to be used with a crystal which oscillates on its fundamental, not overtone, frequency.

AC power cords for both types of receivers use unique connectors and are scarce. You can buy them new but it's much cheaper to drill a hole on the rear panel and attach a permanent a power cord. Make sure you use a grommet in the hole to prevent the metal chassis from chafing the line cord.

Many Plectrons and Alert Monitors were equipped with an internal NiCd battery pack, intended to power the receiver if the AC power fails. It's unusual to find a used monitor receiver with the NiCd pack still capable of holding a charge. More often, the batteries have died and the series charging resistor has overheated and burned. Be sure to remove the dead batteries as they often leak.

If you find the squelch on your Plectron 700 series receiver has too much hysteresis, replace R96, a 180K resistor, with a 560K resistor. On the P1, the resistor is designated R81.

I have not used the Plectron tone alerting features so I cannot address that except to say that the special coils and capacitors for the dual tone decoders vary depending on the tone frequencies and are somewhat difficult to obtain. Plectron receiver repair service is offered by:

Woodson Electronics/Plectron
Plectron Place
P.O. Box 960
Imboden, Arkansas 72434

telephone 1-(501)869-7985

Some replacement parts are currently available from Federal Signal in University Park, IL, phone (800)524-3021. | Woodson is negotiating with Federal Signal to be able to sell replacement parts for older Plectron receivers.

Alert Monitor parts are available from Motorola. Phone (800)972-3226.

I currently have no Plectrons or Motorola Alert Monitors for sale. I'm hoarding them. :-)
--
==========
Copyright 1995, Bob Parnass, AJ9S parnass@att.com

Locate transmitter sites with RadioMap(tm)

821. Caravan/Voyager radio installation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: mcovingt@ai.uga.edu
Message-ID: <416e9e$chi@hobbes.cc.uga.edu>
Source record: 213559

I have a new 1995 Dodge Caravan (minivan) with fuel injection and cruise control but not the notorious ABS brakes.

Are there any special problems I should watch out for when installing a 40-watt 2-meter transmitter in this car? Has anyone experienced RFI to the engine control circuits?

Also, is there a switched 12-volt line under the hood? I can only find unswitched ones. I want to wire the radio directly to the battery through a relay which will be controlled by a switched 12-volt line.

--
Michael A. Covington http://www.ai.uga.edu/faculty/covington/
Artificial Intelligence Center <><
The University of Georgia Unless specifically indicated, I am
Athens, GA 30602-7415 U.S.A. not speaking for the University.

822. WTB: Icom IC-1275

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: glenndb@ix.netcom.com
Message-ID: <416qg5$jpa@ixnews5.ix.netcom.com>
Source record: 213560

Hello I am looking for the Icom IC-1275
let me know what you have thanks

916-722-2435

Glenn N4VQJ

823. Alinco DJ-580T 4Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: kristler@xnet.com
Message-ID: <417sau$10c@flood.xnet.com>
Source record: 213561
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I have forsale 1 Alinco DJ-580 2m/440 HT. It is about 3 years old, and
has been modified to recieve AM aircraft freq's. I will sale only to
Licensed Amatuer's or someone who has passed there test's. I will
require proof. I am asking $300 neg. You pay shipping (however you want).
If your interested, let me know via e-mail.
Thanks,
-Bill

824. Advice on SW Receivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: ronanmcd@mistral.co.uk
Message-ID: <417du4$580@news.mistral.co.uk>
Source record: 213562

Hello,

I will soon move from UK to South America (Guyana) and want to purchase
a reasonable quality SW receiver to listen in to BBC World Service and
similar stations. While I am fairly technically minded, I am a bit put off by
the blizzard of 'bells and whistles' on a lot of the kit out there. So I humbly
ask r.r.a.e regulars to let me have some advice. I plan to spend about 100
UK pounds. Can you suggest a reasonable machine to buy or can you let
me know what to look for/to avoid when purchasing a receiver.

My thanks in advance for any replies.

Ronan McDermott

825. Repair Help on a Icom 251,mods also

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: mkulyk@ix.netcom.com
Message-ID: <417cna$48b@ixnews6.ix.netcom.com>
Source record: 213563

Does anyone have experence repairing a Icom 251 all mode,also looking
for mods TNX 73 Mike WB2GLW

826. Re: Advice on SW Receivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: lewis@phoenix.phoenix.net
Message-ID: <lewis-2008951000190001@dial37.phoenix.net>
Source record: 213564

In article <417du4$580@news.mistral.co.uk>, ronanmcd@mistral.co.uk (Ronan McDermott) wrote:

> Hello,
>
> I will soon move from UK to South America (Guyana) and want to purchase
> a reasonable quality SW receiver to listen in to BBC World Service and
> similar stations. While I am fairly technically minded, I am a bit put off by
> the blizzard of 'bells and whistles' on a lot of the kit out there. So I humbly
> ask r.r.a.e regulars to let me have some advice. I plan to spend about 100
> UK pounds. Can you suggest a reasonable machine to buy or can you let
> me know what to look for/to avoid when purchasing a receiver.
>
> My thanks in advance for any replies.
>
> Ronan McDermott

Look at the Sony 7600G (notice the 'g'). It has all the bells and whistles you need. A good reciever, direct entry, portable, can use either built in or external antenna, and it's in your price range.

Lewis Stephens

~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~
Lewis Stephens KC5PSX lewis@phoenix.phoenix.net Pasadena,Texas
~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~

827. Re: TS-450AT Comments???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <417lke$54i@solaris.cc.vt.edu>
Source record: 213565

In article <DDGuJx.FLH@apollo.hp.com>, dsa@ch.apollo.hp.com (Dale Anderson) says:
> I'm considering dropping ~$1200 on a new TS-450AT.

Hard to believe anyone would spend this much for this radio...
Why not try to come up with a few hundred more and get the TS-850???
It's at least twice the radio
Just my opinion...
73, John

828. Re: Transverter Information Request

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: Terry Dobler KJ7F <kj7f@micron.net>
Message-ID: <417lpl$e5s@mis02.micron.net>
Source record: 213566

smithson@rosharon.wireline.slb.com (Tony Smithson) wrote:
>
> I am considering buying a transverter to work 2m SSB. I've only seen
> one supplier and that's Down East Microwave. They offer a 144-28 Mhz
> version with 25 watts out. Has anyone used a transverter and if so,
> what were you're impressions? Sounds too good to be true. $400 versus
> $1600 for an all mode VHF rig.

I have the DEM 144 MHz to 28 MHz transverter that you asked about.
I built it about 8 months ago. It has worked perfectly. I like it
due to the use of bandpass filters that really helps cut down on
the intermod. You can customize it when you build it by leaving out
one of the amplifier stages in the 144 MHz section if you use an
external preamp so you won't overdrive the transverter input. You
can also do the same with the 28 MHz transmit input.

> What are the limitations of such a set up? Can you do FM or is the FM
> from an HF rig "different"?

The transverter is a linear device and as such will work with
any mode your HF rig is capable of. I have used mine to check into
a local 2 Meter FM net on 145.440 MHz. Be warned howerver that the
transverter only works up to 145.999 MHz so will not work for
repeaters above 145.999 MHz. I have used mine on a local repeater
in the lower sub band. Mostly I use it for weak signal stuff at the
very bottom of the 2M band.

> I am planning to use it with a Kenwood TS-850 SAT. If you've used
> anything like this, I would appreciate your input.

I use mine with the TS-850 and it works well. If you have any
questions about hooking up a transverter to the 850 drop me an
e-mail.

Cheers, Terry KJ7F

829. Re: Need info on Kenwood TS 850 (converter functions)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: Terry Dobler KJ7F <kj7f@micron.net>
Message-ID: <417m23$e5s@mis02.micron.net>
Source record: 213567

rhiscock@public.compusult.nf.ca (Robert Hiscock) wrote:
>
> I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ and
> 430 MHz converter to be turned on or off. Can anyone tell me if there is a
> converter that I can buy (where can I get it?) for the rig? The manual makes
> no mention of this, with the exception of saying it can be turned on or off.
>
> Thanks
> Bob

Bob,

All this does is change the display frequency to the 50, 144
430 MHz. The radio still works on the original frequencies.
To my knowledge Kenwood does not make a transverter. If you
are interested you might look into the line of transverters by
Down East Microwave. In addition to the transverter an minor
wiring change is required inside the radio for it to work with
a transverter, that change is outlined in the owners manual.

Terry KJ7F

830. FS: CB $25

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: twiz@pcix.com
Message-ID: <417nuh$k2p@alpha.pcix.com>
Source record: 213568

FORSALE:

Uniden PRO501XL Citizens Band Radio, comes with Radio Shack Magnetic roof anntenna, This is a mobile unit and needs to be pluged into a cig lighter. The CB is in minit condition, It has 1 or 2 minor scratches at the most. $25, Buyer pays for shipping.

831. Re: ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: jnewgas@cix.compulink.co.uk
Message-ID: <DDMBJJ.Etn@cix.compulink.co.uk>
Source record: 213569

Do you know what MOD if any will enable the 1750Hz repeater tone as used
in Europe. This would enable me to have a Z1A for use at home as well
as in the U.S.
(prefer to purchas in the USA as it is MUCH cheaper)
John N. G7LTQ and N2UYI

832. FSK, Trunking, Pagers, Cellular data

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: bill@comm-data.com
Message-ID: <417qp5$sni@news1.digex.net>
Source record: 213570

I am looking for information, schematics, ect for decoding
FSK on trunking, pagers, and cellular. If you have any information or
schematics, please e-mail me: bill@comm-data.com

73,

bill

833. Motorola cell phones as scanners?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: ag001@lafn.org
Message-ID: <1995Aug20.160428.7666@lafn.org>
Source record: 213571

I read somewhere that using certain keystrokes, it's possible
to turn a Motorola flip-phone into a modified scanner. Anyone
know anything about this?
--
A. Stavsky, P.O. Box 351222, Los Angeles, CA 90035-1222

834. Yaesu FT101e manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: bkmak@airmail.net
Message-ID: <417tld$sbv@news.iadfw.net>
Source record: 213572

I'm looking for a manual for a YAESU FT-101E hf xcvr. Is Yaesu still likely to have these? Any help would be appreciated.

Bob Kmak

835. scanner mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: Simon Macgill <Simon@tugulu.demon.co.uk>
Message-ID: <808944523snz@tugulu.demon.co.uk>
Source record: 213573

Help I have just bought a Realistic Pro 2036 base station scanner
and after spending 299.99 I find that it has limited scanning
i believe this is due to it being made for the uk market.

I have been told that the Uniden Bearcat BC-890XLT
is the same model but has a very wide range.. 29 -1300 megs

Does anyone have information on what jumpers if any I have
to move to get the same freqs..

--
Simon Macgill

836. WANT MODS FOR ICOM 3230H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: rbryanj@aol.com
Message-ID: <418el6$q1j@newsbf02.news.aol.com>
Source record: 213574

Hello, Bryan here:

I would like the transmit mod info for the ICOM 3230H. The one I rcvd. in the past was not very detailed and I hesitate hacking without detailed, known to work instructions. I have already done the rcv. mod.

Thanks in advance, Bryan/KC6WRV

837. Kenwood TM-241A comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: jacobymike@delphi.com
Message-ID: <xTFgLa7.jacobymike@delphi.com>
Source record: 213575

Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
How's the AM aircraft band reception? Looks like most places are selling
this rig for $300 now.

Thanks Mike N3MA Manassas, VA

838. Yaesu FT-51R review?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: craigb@sdd.hp.com
Message-ID: <418k8pINN9e9@hpsdlgd9.sdd.hp.com>
Source record: 213576

If anyone has a Yaesu FT-51R, I'd love to hear from you about how you
like it. I am trying to decide between one of those and a used TH-78.
I think I'd really enjoy being able to up/download the programming
to my PC.

What do you think?
--
Craig Bosworth, KD6WQH Hewlett Packard, San Diego Division
craigb@sdd.hp.com kd6wqh@wb6dgr.#soca.ca.usa.na +1 619 655 8609

839. Re: firmware RC-96, Eprom

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: jmroden@crl.com
Message-ID: <419152$qnj@crl5.crl.com>
Source record: 213577

Steve Hideg (hideg.1@nd.edu) wrote:
: In article <412vag$ub7@insosf1.netins.net>, linkcomm@worf.netins.net (Link
: Communications) wrote:

: > This is Link Communications, Inc. In cooperation with Advanced
: > Computer Controls, Inc., we have purchased all rights to their past
: > and current controller software. We will soon be posting the EPROM
: > and EEPROM files on our FTP site (see info below) and hopefully
: > providing pre-programmed PROMS. In both cases, the software will be
: > the last FINISHED version, not Version 6 (which was never finished).
: > We will also be providing ACC's manuals for those that want them.

: Steve,

: Do you plan to pick up the V6 project?

: --Steve Hideg, N8HSC

Also, Steve, do you plan to make the ShackMaster software available?

: ..
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio

840. Re: Atlas Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-20 00:00:00 UTC
From: "Edwin J. Bailen" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.950820143804.19701C-100000@matrix.eden.com>
Source record: 213578

Several years ago I broke the 10-meter VCO adustment cap on my 210M. I wrote a note to the 'new' Atlas Radio company asking if they could recommend a replacement part. They sent me a replacement piston cap at no charge. A year or so later I had them do some work on the radio (AGC didn't work below freezing). They completed the repairs quickly, and at a reasonable cost.

On 16 Aug 1995, Jeff Kilgore wrote:

> In article <40tf31$35g@safety.ics.uci.edu>, turner@safety.ics.uci.edu (Clark Savage Turner) writes:
> |> There is no "bogus" Atlas company. The original owner of Atlas has
> |> restarted his company. If you check 73 or CQ magazine - there is an
> |> ad every month for the new Atlas rig. But, no, I have not seen one
> |> in operation yet, nor heard one on the air. I suspect that they got
> |> in over their heads and just haven't gotten out yet and gone into
> |> production. Not a good way to do business. Hope that they cover the
> |> guys who have sent in advance money.
> |>
> |> Clark
> |> WA3JPG
>
> The current Atlas company may indeed be run by the original owner; I
> have no information at this point to the contrary. However, there were
> two scams operated under the Atlas name in the '80's; these were
> not operated by the original owner. I cannot recall the perpetrator's
> name offhand, but the last scam he ran was shut down by the postal
> inspectors in 1989. He advertised in 73 magazine (and possibly
> CQ--I'm not sure) for a new Atlas rig, but he simply took the money
> and never delivered anything. He was convicted of mail fraud and sentenced
> to prison time and a fine. He had pulled the same scam several years
> earlier, and was convicted and sentenced for same.
>
> As I said, I don't know anything about the current Atlas company or
> the ads in 73 and CQ. If it is in fact the same person who pulled
> the two earlier scams, it would seem he has not learned his lesson and
> is a good candidate for "three strikes and you're out" (since mail
> fraud is a federal offense, this could apply).
>
> 73,
> Jeff, KC1MK
>
>

841. FOR SALE : VARIAN MICROWAVE AMPS,S.C.I.F.,COMMUNICATIONS GEAR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: ando1@ix.netcom.com
Message-ID: <41a7ju$96o@ixnews6.ix.netcom.com>
Source record: 213502

FOR SALE- OR TRADE::
Varian VZX6983G5GLM 8-12.4 ghz 53db gain 200watt Xband amp (new)
$16,000.
Varian VZM6993051505 12-18ghz 53db gain 200watt KU band amp
(new)$13,000.
Varian VZX6981KADEH 8-12.4ghz 40db gain 20 watt Xband amp(1007
hrs.)$7,500.
L&R Communications low noise amp local controle & monitor
Scientific Atlanta Antenna Motor Controler Mod.# 8841A
Arbiter Systems Satelite Controled clock mod.#1026B
LAMDA LFS-44-48
Digital H7100A
Scientific Atlanta 3267260 mod.#4663R
" " Digital Processing Unit mod.#7325
" " Signal Source mod.#2180
" "Power Amp 3080 Pedestal
Datum Digital Clock
Texas Instruments XDS/22 Illuminator
12 Schlumberger Test Fixture Kit cases
Canoga Perkins fiber optics Bus Interface
Aerotech 1000 D.C. Permanent Magnet Servo Motor
560sq.ft. S.C.I.F.(secure compartemented information facility)3
rooms,all electronic filters,etc...
Frequency West mod.MO-109XB-17 serial 320 1435omhz
Midwest Microwave mod1044 Step Athenuator D.C. 8.0ghz
Dishes,300' wave guid,and alot more 404-925-2779 404-925-2887FOR SALE-
OR TRADE::

842. Re: Icom R-7000 problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1995Aug21.105820.101572@kuhub.cc.ukans.edu>
Source record: 213503

<token@owens.ridgecrest.ca.us> wrote:
>
>....snip
> My Icom R-7000 has a problem staying on frequency. I have had it on the
> bench several times but the problem keeps coming back.
>
> The radio will be fine for a while and then jump about 11 kc of freq in
> the opposite direction of the last time it did it.
>
> Anybody ever see anything remotely like this?
>
> Thanks and 73s

Darrell,

I have an ICOM-701 than jumped around in freq. I couldn't figure it
out so I sent it to ICOM. They charged $160 and said they resoldered
the PLL board.

If you feel comfortable doing it you might try re-flowing the
solder in the appropriate areas.

Good luck, de N0USP, Dick

843. Re: Icom 775DSP or Yeasu FT-1000D?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DDo4D1.GpD@hpqmoea.sqf.hp.com>
Source record: 213504

Steve Ellington (n4lq@iglou.iglou.com) wrote:

: 2. Most Icom rigs sound very good on CW.

I'll agree. One quirk on transmit, is that they do shorten dots a bit, and that the effect is different on full-QSK and "VOX" operation. The built in keyer in my 765 has a weighting control which can fix this, but you need to either listen off air or use a 'scope off air to set it up properly - don't listen to the sidetoneto do this :-)

On receive, ICOM are most impressive, they go for artfully shaped filters with low ringing, rather than for the specmanship of filters that look super-rectangular in brochures. The 765 has a good clear sound, and it's good to leave it on a wide bandwidth and keep an ear on a few signals without suffering bad audio.

: 4. I have not heard much good on the Kenwood TS-950 series however, the
: TS-850 has a wonderful reputation and works very well on CW. I think it
: may be the top bargin on the market today. Probably it is less than half
: the cost of the Icom and Yeasu top end rigs.

I'd agree about the 950 series, though I'm unsure about the 850. I looked long and hard at the 850 and reckoned that a lot more work went into it's programmable features than into its fundamental radio aspects. I was staggered when I saw an 850 the first time, it was on a rally stall, no power available. Hordes were pressed around it, spinning knobs, pressing buttons on the unpowered rig. What exotica were their minds conjuring? Some of them were offering the trader cheques for over the list price to be able to take it away and have the first in the area! I didn't hear the voices of rare DX in my head, just P T Barnum...

: 5. As far as service goes. Ten-Tec has the best but Ten-Tec needs it the
: most. The Jap companies are in hot competition and service levels
: probably vary considerably. I really got burned out on Yeasu once
: so I won't go back even if they improve.

Understandable. But, then, any of them could have done the same. From reports on this net, I get the impression that service is a lottery, though Ten-Tec are outstanding.

: 6. My rig is a 5 year old TS-940 and I love it. Those can be had now for
: around $1500, a real bargin.

I think the 930 and 940 were their last worthwhile HF radios. The 940 has rather bad local oscillator phase noise. The UK importer developed a hardware mod that made a big improvement. I don't know the

details of it's implementation, but I gather that it was a case of poor choice of loop gain/timeconstants and some poor signal/ground routing.

DSP
****

The main DSP schemes in amateur radio are really just audio filters. Certainly fabulously good audio filters, but suffering the same problems of IF overload common to all superhet receivers relying on any audio selectivity narrower than their early IF filters (and that goes for notches, too)

DSP will really come into its own at IF. The professional receivers already on the market, and the amateur ones just coming out are a move in the right direction, but, as yet, there simply aren't any analogue to digital converters that can handle modulated speech bandwidth on even a very low frequency IF and manage as much dynamic range as the best all-analogue radios. The temptation is to use DSP at the end of something like a common IF strip with an extra mix-down to some very low IF, and to use AGC of the IF to try to substitute for converter dynamic range. The problem comes when the DSP is doing tighter filtering than the early IF filter, or creating notches, when there are some frequencies where the DSP is removing an interfering signal, but that signal is still passing down the IF and into the converter. Because the gain/selectivity profile is what counts, we get something akin to the limitations of audio filters.

I've got great hopes for DSP based receivers, and I've been watching the analogue-to-digital converter scene carefully for some years, but I think they are still noticably short of the performance of the better analogue radios.

In moderate-to- bad conditions, their versatility is a great advantage, and they are most dramatic, yet when trying to extract a weak signal in extreme conditions; close to a very strong one, you can lose it due to overload when an analogue radio would still manage.

Things are changing fast, but I'm looking for a converter that can digitise, say, a 15 kHz IF with *at least* 18 bits of true, reliable, dynamic range. Remember, digital systems don't degrade gracefully, they just hit endstops, hard, so you need to be very careful about overload margins. I would use such a converter in a receiver that had very little overall gain from the antenna to the converter. These have not yet emerged on the industrial/military market, and there would be a further delay before the price entered the amateur range, and new transceivers were designed around them. (not just stuck on the tail end, a full new design from scratch is needed)

On transmit, the dynamic range demands are far easier, and there is the possibility of some marvellous ssb generators, and also some very interesting speech processors.

I would not sink a lot of hard-earned personal cash into a commercial "DSP radio". Prediction is notoriously dangerous, so let's just say I'm not holding my breath !

If you can find a nice, clean, IC765 being sold off by someone who just HAS to have the latest, or ex-demo, I reckon you could safely use if for at least a few years before the DSP brigade actually overtakes it.

Just my personal opinions and guesses, but I hope they help,

David GM4ZNX

844. Re: Transverter Information Request

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: mckee@fc.hp.com
Message-ID: <41ac88$3qd@tadpole.fc.hp.com>
Source record: 213505

Tony Smithson (smithson@rosharon.wireline.slb.com) wrote:
: I am considering buying a transverter to work 2m SSB. I've only seen
: one supplier and that's Down East Microwave. They offer a 144-28 Mhz
: version with 25 watts out. Has anyone used a transverter and if so,
: what were you're impressions? Sounds too good to be true. $400 versus
: $1600 for an all mode VHF rig.

I have the transverter you are referring to. It seems to work well,
although I haven't had the time to spend using it that I had hoped for
(what a shock :-) I bought it from another ham and ended up sending it
to DEM to get it aligned, and was very pleased with the level of support
I got.

: What are the limitations of such a set up? Can you do FM or is the FM
: from an HF rig "different"?

FM is fine. The transverter is linear, so anything you put into it 10M
comes out at 2M...

73,

Bret

845. Does anyone still have their Dayton Hamvention Guide?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <809023688snz@tgold.dialup.access.net>
Source record: 213506

At Dayton I visited the booth of a firm offering phone number databases with search software. They were ehibiting in one of the northern exhibit halls and they told me they planned to offer such a telephone number database for the UK soon.

Could anyone find the name and phone/fax numbers for me? I'm away from home and from my show literature right now and for a while longer.

Thanks.
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

846. Re: Battery Charger as DC power supply?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug21.135802.20407@ke4zv.atl.ga.us>
Source record: 213507

In article <418vmg$pf2@ixnews6.ix.netcom.com> amnet@ix.netcom.com (ANDRES MARTINEZ) writes:
>Is it safe to use a battery charger (2 or 10 Amps) to power a TS-50s in low power?
>I measured the voltage and it fluctuates between 10.8 and 11.5 volts.

You might want to re-check that reading with an oscilloscope. Battery chargers typically put out unfiltered rectified AC. To charge a "12" volt battery (really 13.8 volts at full charge) requires a charging voltage *greater* than the final battery voltage. That voltage is typically 14.5 to 14.8 volts if smoothed DC, but may be 18 or higher volts if pulsed. A VOM won't read that pulsating DC very accurately, so if the charger can charge a battery, expect its peak voltage to be much greater than 11 volts.

Those high peak voltages won't be good for your TS-50. If, OTOH, the voltage *really is 10.8 to 11.5 volts, then that's not enough and the radio will misbehave due to too little supply voltage. The efficiency of solid state amplifiers drops quickly and radically as supply voltage declines. Hence most solid state radios prefer to run off of a regulated voltage source.

So, what to do? Well you can add filter capacitors to the battery charger to smooth the DC. That will likely boost the DC voltage you read on a VOM to about 1.41 times what it's reading now, IE about 15.2 to 16.2 volts. That's about the voltage you'd expect from a battery charger with no load applied. When you load it with the radio, those voltages will drop due to saturation effects in the transformer, and would probably work the radio without too many problems. However, a better solution is to just put a 12 volt battery across the charger. A battery is a pretty good DC "filter" and load, so the terminal voltage will then fall to close to the 13.8 volts your radio wants, and will be relatively free of hum and noise. Plus you can run the radio for a while after the power goes off from just the battery. While you can use an ordinary auto battery, I typically prefer to use a gell cell indoors because there are no battery fumes or chances of spilled acid.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

847. Kenwood Audio System

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: "Rene Falzarano"
Message-ID: <41al40$dh8@ns2.pb.net>
Source record: 213508

I'm selling a Kenwood rack system clean. (No speakers). It has 90 wats per channel, it has ports for CD, VCR, Phono and adaptors. Features Dual high speed dubbing sound sensetive cassette decks, cassette
with remote control volume, digital EQ, 4 speaker ports. Excellent condition. Paid $325, asking for $115. Please reply at TOPO@PB.NET.

848. X-band repeater links

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: a229aa@email.sps.mot.com
Message-ID: <a229aa-210895171055@hofbrau.sps.mot.com>
Source record: 213509

I would like to hear from others who are doing repeater links on X-band.
I have dishes and feeds ready to use, but am wondering what everybody else
is using for radios and what is out on the market. tnx

--
Chris Terwilliger, AA7WD
zoom@willow.sps.mot.com
602-413-5362 (W)
602-820-2584 (H)

849. WANT Alinco DR150T Mobil mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: Gary Watts <gwatts@empire.interstate.net>
Message-ID: <Pine.SUN.3.91.950821140700.8185D-100000@empire.interstate.net>
Source record: 213510

Hello All,

I'm looking for mods for the Alinco DR150T Mobile
I have it mounted on my Goldwing MC and just want to know what other fancy
stuff this thing will do
Thanks MUCH
Gary Watts de N0OXV Kansas City Mo EM29RE

850. Flashing display at resonance

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: pruth@ocvaxa.cc.oberlin.edu
Message-ID: <41akkf$mfq@news.cc.oberlin.edu>
Source record: 213511

Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a resonant antenna on 20m giving a close to perfect match with the aid of a small transmatch, the frequency display flashes and vanishes when I turn up the pure carrier rf output to maximum. It does the same thing to some degree on 40m. Can anyone explain this phenomenon? Thanks. --Bill KB8USZ pruth@ocvaxa.cc.oberlin.edu

851. Re: Trade Kenwood for Ten-Tec

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <41a31p$59m@ixnews4.ix.netcom.com>
Source record: 213512

In <4137td$fe7@giga.bga.com> kk5dr@bga.com writes:
>
>I have the following for "TRADE ONLY!" Kenwood TS-940S/AT w/ vs-1, &
yg455c-1, SP-940,
>SM-220 w/ BS-8, TL-922A w/ extra tubes, all original manuals for all
units, all in good working
>condition. I want to trade all of it for; Ten-Tec OMNI-6 w/ all
filters, & HerculesII amp & base power
>supply, w/ all manuals. If you would like to trade ,
E-Mail me, or Call Matt @ (512)303-9503
>After 7pm CDT
>
I would like to know who would give up their Ten-Tec for a rice box?
I's like to offer them some land in Florida when the tide goes out.

Regards,

Duffy - WB8NUT

852. Re: firmware RC-96, Eprom

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: linkcomm@worf.netins.net
Message-ID: <41a5pb$tja@insosf1.netins.net>
Source record: 213513

In article <419152$qnj@crl5.crl.com>, James M. Roden <jmroden@crl.com> wrote:
>Steve Hideg (hideg.1@nd.edu) wrote:
>: In article <412vag$ub7@insosf1.netins.net>, linkcomm@worf.netins.net (Link
>: Communications) wrote:
>
>: > This is Link Communications, Inc. In cooperation with Advanced
>: > Computer Controls, Inc., we have purchased all rights to their past
>: > and current controller software. We will soon be posting the EPROM
>: > and EEPROM files on our FTP site (see info below) and hopefully
>: > providing pre-programmed PROMS. In both cases, the software will be
>: > the last FINISHED version, not Version 6 (which was never finished).
>: > We will also be providing ACC's manuals for those that want them.
>
>: Steve,
>
>: Do you plan to pick up the V6 project?
>
>: --Steve Hideg, N8HSC
>
>Also, Steve, do you plan to make the ShackMaster software available?
>
> de: Mike Roden / N5FL / jmroden@crl.com / San Antonio

No, we don't have the ShackMaster software.

Steve Strobel, KC7HXB
Link Communications, Inc.
P.O. Box 1071
Sidney, MT 59270
(406) 482-7515

853. New Antenna for C508A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: dddavis@mindspring.com
Message-ID: <dddavis.13.0010A0E6@mindspring.com>
Source record: 213514

For those C508A owners who want to boost the performance a little, Comet makes a new antenna (with the proper connector) called the SMA3. My brother in law just bought one at the Huntsville Hamfest, and it really does well. It fits the radio nicely, although it's a little long. We checked stations that didn't even show one "bar" on the S meter, and they were 3/4 or even full scale with this thing. It especially helped on receive of VHF channels outside the HAM bands, such as weather. You may have to convince your dealer that it really exists. It just came out and many had not heard of it. Also, it wasn't exactly cheap (he paid $36), but if you need the extra performance and SMA/BNC adaptors don't suit you, this is the ticket.
PS - I have no financial interest (and no money after too many Hamfests) - just passing info. Don (KE4KYO)

854. Heath HD-20 Crystal Calibrator info nee

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HUBWW9XNGY004U68@uthscsa.edu>
Source record: 213515

tdrumm@sparc.isl.net (Tony Drumm) writes:

>I have an old Heathkit HD-20 100KHz Crystal Calibrator from my first
>time in ham radio (circa 1971). Somewhere along the line, I lost the
>manual for it. Luckily, I didn't have the same problem with my HW-16!
>Anyway, does anyone know anything about it? I have a few questions. It
>used some old-style battery which had clips like a 9V, but I think they
>were on each end. Does anyone know what voltage it was? Also, I'd like
>to know the adjustment procedure. I imagine it's done using WWV but,
>ahem, it's been a while!
>
>I have it and it might be nice to be able to use it!
>
>Thanks,
>Tony - AA0SM

I have the one that plugs in like a tube (8 pin socket). It uses one tube
and the large 100kHz crystal, in fact it plugged right into an HW-16.
I don't remember the HD-20. There are two types of batteries that it
might use. One is a 9 volt battery that looks like a fat AA-cell with
the sockets on each end. The other is a 45 volt battery that is
about the size of a D-cell. If your calibrator is solid-state it is most
likely the 9 volt battery. You might try using a standard 9 volt battery,
the polarity on the battery is the same.
This probably want much help. If you want that old tube/crystal calibrator
I'd be happy to send it to you.

Kevin, WB5RUE
muenzlerk@uthscsa.edu
-

855. Re: Flashing display at resonance

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: Grant Youngman <us007699@interramp.com>
Message-ID: <41apsr$mir@usenet1.interramp.com>
Source record: 213516

pruth@ocvaxa.cc.oberlin.edu wrote:
>Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>resonant antenna on 20m giving a close to perfect match with the
>aid of a small transmatch, the frequency display flashes and
>vanishes when I turn up the pure carrier rf output to maximum. It
>does the same thing to some degree on 40m. Can anyone explain
>this phenomenon? Thanks. --Bill KB8USZ pruth@ocvaxa.cc.oberlin.edu

Offhand, it sounds like you may have a problem with RF getting into the radio. Do you have a good ground connection?

Many weird feedback related problems can be attributed to having a TNC hooked up to one the rear panel accessory audio input lines -- these are typically high (10K) impedance and are just ripe for letting RF into the box.

Another typical problem that can cause wacko displays is poor grounding on the display board in the radio. Sometimes a "fix" is as simple as just loosening and then resnugging the screws that hold the board in place and (presumably) provide one of the important chassis grounds. I've seen these symptoms occur with RF causing problems in the power supply for the display. Often, these displays use -5V dc-dc converters that lose it in the presence of stray RF.

You might check it when running into a dummy load to see if you're getting radiated RF into the box, or maybe have some kind of internal problem.

Grant/NQ5T

856. Re: Kenwood TH-79A(D) Mod Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: gaspo <gaspo>
Message-ID: <41aull$fmm@sun.sirius.com>
Source record: 213517

Greetings!

i was the one who posted the "help, lost my AM", but now have the answer!

WA4VRV mailed me that the mod worked fine for him, so i retraced my steps in the mod, and realized that i cut the green-wire AND removed the diodes. Well, the mod works if you DO NOT CUT TE GREEN WIRE! found this out by reconnecting the green-wire, and it works fine now (even the 300-399mhz and AM/FM switch in the menu which i dont really understand)

so, remove the diodes, but not the LGW.

as to your keypad not functioning, check the film-ribbon-connector cable bettween the two halfs, and very carefully inspect your diode solder removal job. it doesnt take a whole lot of sloppiness to short this puppy out!

73deKE6SRG

--gaspo.

- Scott Gasparian - "gaspo" KE6SRG - Umwelt Schutzen, -
- Educator/Sysadmin - Product R+D Director - Rad Benutzen. -
- Lick Wilmerding H.S. - gaspo's Gadgets Inc. - /\ \--/ /\ \==/ -
- gaspo@lick.pvt.k12.ca.us SF(415) 333 4021 - /__\ \/ /==\ \/ -

857. Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: fiz <fiz@lamar.colostate.edu>
Message-ID: <41aupj$4mt9@yuma.ACNS.ColoState.EDU>
Source record: 213518

Hi,

I bought a Kenwood TM-241A this spring...One of the questions I explicitely asked was, "Does this radio receive aircraft transmissions?"...The reply, "Yes it does"...To make a long story short, I hauled the radio around in my car trying to hear friends in airplanes...Never a peep...Finally I sent the radio back to Kenwood to be checked..."No problem found"...So I talked with a rep...The official party line at Kenwood is the TM-241A WILL receive aircraft, providing it gets at LEAST a 50 MILLIWATT signal...How strong is that, you ask?...Well, the 2 meter signals it receives only need to be 0.25 MICROWATTS...

And it took them over a month to figure out my radio works fine...

So, I plan to sell it to the first sucker I find and buy a new mobile rig...Seriously considering an Alinco based on the service I've received on my HT (fast repair, easily to get info from the company)...

AND I WILL NEVER BUY A KENWOOD AGAIN...

ttfn fiz (KG0YG)

858. Re: Icom 2GXAT durability

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: miller@polaron.physics.colostate.edu
Message-ID: <41avci$cls@polaron.physics.colostate.edu>
Source record: 213519

In article <413naf$4pv@news.ios.com>, <mustang@serv2.fwi.com> wrote:
>Fellow Hams,
>
>I would appreciate it if anyone had any information what so ever on the durability of the Icom 2GXAT.
>I will be using this radio extensively in the field. I have had some bad luck with a few others and would
>appreciate any information anyone could provide.

I have had a 2GXAT for the last year. It takes a licking and keeps on ticking. So far I have:

1). Dropped the radio onto pavement while running full sprint.

2). Exposed the radio to rain and snow, including having snow packed into the pouch it was in. From falling while skiing.

3). Submerged the radio in ice-cold water when I fell into a creek while backpacking.

4). Generally abused the unit.

The only physical damage was the result of 1). The top left corner of the front panel was mashed in, and the key nearest that damage was stuck. I just took apart the radio and filed the hole for that key back to it's original size.

It is a very rugged radio.

Al

--
Allen Miller PP-ASEL KB0NDD miller@lamar.colostate.edu

859. Re: Yaesu FT-51R review?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <41b3mm$dqt@umcc.umcc.umich.edu>
Source record: 213520

In article <418k8pINN9e9@hpsdlgd9.sdd.hp.com>,
Craig Bosworth <craigb@sdd.hp.com> wrote:
>If anyone has a Yaesu FT-51R, I'd love to hear from you about how you
>like it. I am trying to decide between one of those and a used TH-78.
>I think I'd really enjoy being able to up/download the programming
>to my PC.
>
>What do you think?
>--
>Craig Bosworth, KD6WQH Hewlett Packard, San Diego Division
>craigb@sdd.hp.com kd6wqh@wb6dgr.#soca.ca.usa.na +1 619 655 8609

I've had my Yaesu since Jan. and love it. It has great expanded receive
broader than the Kenwood. It can be programmed via the PC unlike the
Kenwood. RT systems sells the Windows based software for $40 with the
cable. It also allows you to expand the receive even more.

Les

--
Les Butler KB8WKE....
Fire Notification Network of Michigan
Detroit's First Paging Network!

860. RX-100'S DSCOUNTED AT WWW SITE!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: wb6siv@lightside.com
Message-ID: <wb6siv-2108952058040001@user59.lightside.com>
Source record: 213521
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

All Palomar Engineering products are discounted in the Raymond Sarrio Company's Ham Radio Catalog no available on the WWW at URL

http://www.csz.com/sarrio.html.
73's Ray

PS: I have no disclaimer! I do have a financial interest in the Raymond Sarrio Co. Hi Hi!

PSS:I hope I don't get too many flames for this! :)

--
Ray Sarrio Co.
http://www.csz.com/sarrio.html

861. Gathersburg Hamfest

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: hms@sei.cmu.edu
Message-ID: <1995Aug21.220752.19869@sei.cmu.edu>
Source record: 213522
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I attended a hanfest at Gathersburg, Md. several years ago. Is the
hamfest being held this year. If so, could someone please send me the dates?

Thanks,
Howard

862. Re: Advice on SW Receivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: norder@scan.mc.xerox.com
Message-ID: <NEWTNews.809021603.16632.norder@stockholm.is>
Source record: 213523

In article <417du4$580@news.mistral.co.uk>, <ronanmcd@mistral.co.uk> writes:
> Path: rocksanne!rochester!udel!gatech!swrinde!tank.news.pipex.net!pipex!dish.news.pipex.
net!pipex!news.mistral.co.uk!usenet
> From: ronanmcd@mistral.co.uk (Ronan McDermott)
> Newsgroups: rec.radio.amateur.equipment
> Subject: Advice on SW Receivers
> Date: 20 Aug 1995 13:39:16 GMT
> Organization: None.
> Lines: 13
> Message-ID: <417du4$580@news.mistral.co.uk>
> NNTP-Posting-Host: line13.mistral.co.uk
> X-Newsreader: WinVN 0.92.1
>
> Hello,
>
> I will soon move from UK to South America (Guyana) and want to purchase
> a reasonable quality SW receiver to listen in to BBC World Service and
> similar stations. While I am fairly technically minded, I am a bit put off
by
> the blizzard of 'bells and whistles' on a lot of the kit out there. So I
humbly
> ask r.r.a.e regulars to let me have some advice. I plan to spend about 100
> UK pounds. Can you suggest a reasonable machine to buy or can you let
> me know what to look for/to avoid when purchasing a receiver.
>
> My thanks in advance for any replies.
>
> Ronan McDermott
>

Ronan ---

Take a close look at the Sony 2010 (also called 2001, I believe, outside of
the US.)

The 2010 is one dynamite radio. The synchronous detector is superb at cutting
out adjacent channel interference. In any event, any radio with a synchronous
detector is better than one without. And, you will have no trouble receiving
the BBC here. I believe it may be relayed from Canada, which may account for
the strong signal.

Paul

863. Good customer service - ICOM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: gr5@ElSegundoCA.ATTGIS.COM
Message-ID: <DDoHp0.KJD@lcpd2.SanDiegoCA.ATTGIS.COM>
Source record: 213524

Today I called ICOM to order a MOLEX connecter for the power cable on
my IC-730 (I lost my power cord, A friend had one minus the connector).
I was expecting to pay a couple of dollars for the part plus shipping.
Much to my surprise, Mary at ICOM is shipping me one at no charge!
Way to go ICOM!

Gary Rotter Phone: (310) 524-7672
Teradata Decision Enabling Systems Center Email: gr5@ElSegundoca.ATTGIS.COM
AT&T Global Information Solutions Voice Plus: 427-7672

864. ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: Bill.Lawrence@f2801.n206.z1.fidonet.org
Message-ID: <5b7_9508242322@woodybbs.com>
Source record: 213525

To: elekesa@cadvision.com (elekesa)
Subject: ICOM Z1A

E>From: elekesa@cadvision.com (elekesa)
E>Subject: ICOM Z1A
E>Organization: CADVision

E>Would anyone know of any mods for the IC-Z1A HT?

E> Thanks

I've been searching every place anyone has recommended for mods, and haven't found the IC-Z1A even mentioned. Somebody posted that the mods were the same as for the IC-W2A but no one ever confirmed that info. The rig may be too new for any mods to be posted yet, so I'll be waiting along with you <G>.

---
* OLXWin 1.00a * ERROR! (A)bort (R)etry (B)eat keyboard with fist
--
|Fidonet: Bill Lawrence 1:206/2801
|Internet: Bill.Lawrence@f2801.n206.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

865. Re: Comments on IC-2340

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: bucherj@aol.com
Message-ID: <419gfg$7tg@newsbf02.news.aol.com>
Source record: 213579

The Mods I currently have for your equipment is:

ICOM
2340H
1..Attenuator UHV/VHF

If you wish to order the mods please send $5 (check or money order) per radio to:

J.Bucher
c/o Star
535 Pearl Ave #5
Loves Park, IL 61111

Please specify if you want your mods faxed, e-mailed, or sent via the postal service when ordering. It is possible that when we send this information additional mods for that radio will be available, if so we will send them along also.

866. New Ham Test Simulators - Macintosh

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-2108950526090001@wd1v.mv.com>
Source record: 213580

The new Macintosh Ham Test Simulators are HERE!

Novice Ham Test 5.0 SA.sea
Technician Ham Test 5.0 SA.sea
General Ham Test 5.0 SA.sea
Advanced Ham Test 5.0 SA.sea
Extra Ham Test 5.0 SA.sea

The latest versions feature:

HyperCard 2.3 as a stand-alone application (SA) eliminating
the need to have HyperCard. All you need is a Mac with 4
Meg of memory and version System 7 or greater.

Each version 5 Ham Test Simulator has the latest questions
as prepared by the Question Pool Committee.

Each Ham Test Simulator is FREE OF CHARGE and work the
same way as the originals written by Diana, KC1SP.

You may obtain a Ham Test Simulator by mailing me a *FORMATTED
disk (1 per test) and include a Self Addressed and Stamped disk
mailer for the return.

Each Ham Test Simulator is also bundled with a shareware CW
program called MacMorse 1.4 written by Doug, WB0EON.

Also included are a collection of text files that relate an
interesting variety of ideas about the best way to study CW and
prepare for tests.

or warm your phone line and get just the tests:

America On Line - Macintosh Ham Radio Section

ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/AdvancedHamTest1.sea.bin
ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/ExtraHamTest.sea.bin
ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/GeneralHamTest.sea.bin
ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/NoviceHamTest.sea.bin
ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/TechnicianHamTest.sea.bin

Your comments and suggestions for future versions are always
welcome. Stay in touch and good luck with your next test!

73,

\/
John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive America On Line: jseney@aol.com

Manchester, NH 03103-6150 AX.25 Pkt: wd1v@wb1dsw.nh.usa.na
(H) 603-668-1096 Ampernet: wd1v@wd1v.ampr.org
\/
LeCroy Sales Engineering - Maine, New Hampshire, and Northeastern
Massachusetts
(O) 800-553-2769 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

All opinions are my own, including Digital Storage Scope.FAQ

To obtain the latest copy automatically, simply send me an EMAIL
with "subscribe scope.faq" in the subject field.
\/

867. Re: Comments on IC-2340

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: kirby@skypoint.com
Message-ID: <419700$3k0@stratus.skypoint.net>
Source record: 213581

In article <DDIqJL.98t@hpcvsnz.cv.hp.com>, Charlie Panek <charlier> says:
>
>Harry Salvini <hgs@wdl1.wdl.loral.com> wrote:
>>
>>I've put in the suggested mods, and it's OUTSTANDING!
>>
>
> What mods? There have been a couple of posts here recently looking
>for mods on ther 2340H, but no responses. I've checked some of the
>ftp mod sites and can't find anything either. What did you do, and
>what did it get you? (I'd be happy just to open up the receiver to
>wide band receive.)
>
>
>--
>Charlie Panek KX7L Hewlett Packard Company
>charlier@lsid.hp.com Lake Stevens Instrument Division
> Everett, Washington
>
I Sell A mod for the IC-2340 and The IC-2700 that will allow the radio to
recieve from 830-999.99 mhz with know gaps!!

The cost for all parts and easy to follow instructions for the 2340 is

$ 75.00 .

If interested you can email me at kirby@skypoint.com

73's

Kirby KA0ZTS

868. Gateful dead on PBS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: enick@unlinfo.unl.edu
Message-ID: <418k78$e9u@crcnis3.unl.edu>
Source record: 213582

Does anyone know what mod's can be done to a Kenwood 241a @m Rid? I
don't want the mod's I just want to know???
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

869. Yaesu FT707 Mods?????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: t930416@minyos.xx.rmit.EDU.AU
Message-ID: <418s9p$344@aggedor.rmit.EDU.AU>
Source record: 213583

I am about to buy a Yaesu FT707 off a good friend for a good price.
Does anyone know any mods that can be done to it? Can FM be put into it
and how?

Thanks from VK3TVD Australia

--
See you later +---+
Benjamin | t930416@minyos.xx.rmit.edu.au VK3TVD |
| Australia Victoria Melbourne |
+---+

870. Battery Charger as DC power supply?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: amnet@ix.netcom.com
Message-ID: <418vmg$pf2@ixnews6.ix.netcom.com>
Source record: 213584

Is it safe to use a battery charger (2 or 10 Amps) to power a TS-50s in low power?
I measured the voltage and it fluctuates between 10.8 and 11.5 volts.
thanks
andres Martinez
amnet@ix.netcom.com

871. Re: Battery Charger as DC power supply?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: atanner <atanner@infi.net>
Message-ID: <4193a6$hai@allnews.infi.net>
Source record: 213585

It's probably safe enough but a battery charger does not usually filter its DC output and you would get a great deal of hum and put out a terrible if unuseable signal. A better idea might be to let the charger trickle charge a good auto battery. Use the auto battery to run the radio and the charger to charge the battery when the radio is not in use. You could try using the charger at the same time you are running the radio on the battery but my guess is it will still poduce too much hum.

And anyway, I think the radio rules and regs still require a clean DC signal at frequencies below the 2M band and good engineering practice demands it on any frequency.

de WB6THE

Alan

872. Comments on Tandy HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: hartman@crl.com
Message-ID: <4190sp$epf@nntp.crl.com>
Source record: 213586

Can anyone offer me any constructive criticism or compliments regarding the Radio Shack HTX-212 2m mobile? Also it is important to me that it can be modified for up to 174 TX. I understand that there is a key-pad combination to allow it to RX up to that freq. but I would like to know if and how it can TX.
Thanks, Jeff

873. Re: LAMBDA: Does anybody know their power supply???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Aug21.030515.10876@grian.cps.altadena.ca.us>
Source record: 213587

by668@FreeNet.Carleton.CA (Marc Buron) writes:

>Hello, I just stumbled upon 2 power supply bearing the name Lambda,
>they have variable output from 12 to 14 vdc, at a very thight scale,
>(ie: you can easily get 13.69 if that's what you want),
>the units can give up to 20 amps. They are small in size, the same
>size as a normal kleenex tissue box, so if anyone can tell me if they
>are reliable, I'd appreciate it!

Lambda power supplies have been around for many years - they are
absolute top quality BUT...

One blew up a 6m radio once. This is not intended to be a blanket
condemnation, just relaying a story about one particular power supply.
A friend had a 6m Motorola "PT" series radio - these are the ones that
are hand carried like a lunch pail. He was tuning it up, and as the
power cameup it apparently affected the regulator in the power suply and
the supply output went to about 20+ volts.

On the other hand, I am using one (with a coule of bypass caps) to run
a 20w 220 radio, a third on a 2m packet station, and a 4th running
a repeater receiver. After my friend Doug's experience, I always
bypass ALL power supplies, at the regulator board if possible.

Note the jumpers between the output and sense pins. Don't remove them.
replace them with 1k resistors, but don't remove them.

--

Mike Morris morris@grian.cps.altadena.com
I have others, but this works the best.
This message assembled from 100% recycled electrons (and pixels).

874. New Online Radio Catalog

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: kirby@skypoint.com
Message-ID: <41979b$3k0@stratus.skypoint.net>
Source record: 213588

Radio City has a new home page with a online store catalog, check it out!!

http://www.radiocity.com/

73's

Kirby KA0ZTS

875. Hamfest, 8/27, St. Charles, MO./ON? or OFF?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1995Aug21.110302.101573@kuhub.cc.ukans.edu>
Source record: 213589
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Got a newsletter that listed a Hamfest in St. Charles, MO, 8/27/95. I have not seen any mention of it in three major ham magazines.

Does anybody know if there is one?

D.H.

876. Re: Hamfest, 8/27, St. Charles, MO./ON? or OFF?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: mmusick@talx.com
Message-ID: <mmusick-2108951152520001@198.102.74.50>
Source record: 213590
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

> Got a newsletter that listed a Hamfest in St. Charles, MO,
> 8/27/95. I have not seen any mention of it in three major
> ham magazines.
>
> Does anybody know if there is one?

Yes, there is. This is simply one of those "every year so we take it for granted" 'fests where the organizers neglected to send the necessary press releases to the magazines. This seems to be a "disease" which is sweeping through the ham community here, and it's making it very difficult to attract major vendors to the local hamfests.

This hamfest is sponsored by the St. Charles Amateur Radio Club, and takes place Sunday, August 27, at Blanchette Park in St. Charles, MO. Admission is free, but you are encouraged to buy raffle tickets for significant equipment (at least a dual-band HT and a power supply are in the drawing; there might even be a major HF rig, too). I'm not 100% sure of the times, but I think the outside area opens at 7:00 a.m., with the inside vendor area open at 8:00 a.m. Talk-in is on the 146.670- repeater.

Hope that was of some help.
...mm

==========
Mike Musick/N0QBF mmusick@talx.com**
TALX Directory Division 71301.3106@compuserve.com
St. Louis, MO
Opinions expressed are my own...
...like someone else would want 'em, right?

** - If you have to reply email rather than in the newsgroup, use the CompuServe address. Our mail server died a while back and I've been given "real soon" on when it'll be up. You know how *that* works!
==========

877. Wanted: AEA MM3 Keyer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: paidukas@harris.com
Message-ID: <41alnv$321@hearye.mlb.semi.harris.com>
Source record: 213591
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I am looking for an AEA MM3 keyer at a reasonable price. If you would like to part with one please email me. Need a unit to teach with.

-.- -. --- .-- - .... . -.-. --- -.. .

Paul KE4QJA Work: paidukas@Harris.com
Packet: KE4QJA@KD4WLE.#MLBFL.FL.US.NA Home: paul@theborg.mlb.fl.us

878. Re: Wanted: AEA MM3 Keyer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: Bill@halcyon.com
Message-ID: <NEWTNews.809056569.15108.bill@bill.halcyon.com>
Source record: 213592
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

In Article<41alnv$321@hearye.mlb.semi.harris.com>, <paidukas@harris.com>
write:
>
> I am looking for an AEA MM3 keyer at a reasonable price. If you would like
to part
> with one please email me. Need a unit to teach with.
>
> Packet: KE4QJA@KD4WLE.#MLBFL.FL.US.NA Home: paul@theborg.mlb.fl.us
>

Paul,

Since AEA quit making them over a year ago they have grown in value. They
were a great keyer.

A friend of mine just paid $210 for a clean one and he thought he got a great
deal.

Its great to see a clasic product gain in value.

Bill

879. *** 826 Tube Info/Sources desired ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <41addc$446c@lamar.ColoState.EDU>
Source record: 213593
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Greetings all. I just got a Gonset 6m amp that uses two 826 tubes. UPS gave the amp an interesting trip, as one of the 826's doesn't heat up, so I'm looking for 826's or a replacement... ?

Any help is greatly appreciated,
galen, KF0YJ

880. Re: Charging Nicads?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <41arvt$d2c@solaris.cc.vt.edu>
Source record: 213594
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <41angp$8pj@news.tamu.edu>,
g-taylor4@tamu.edu (Greg Taylor) wrote:
>Have what I assume is a six cell nicad battery pack less than 4 months old
and
>not used very often that only once or twice have I gotten to take full
rated value
>of 1.2 volts/cell (7.2 volts). Typical behavior is to charge to about 1.15
volts per
>cell and won't take any more even after 12-14-16 hours. Anyhow, doesn't
take long
>for the low battery indicator to kick in (about 1.07 volt/cell)

You have a shorted cell in the battery. When you measure 6.9 V, this is only on 5 cells, so the actual voltage is 1.38 volts per cell, which is typical for a battery that is being charged/just been charged. If all 6 cells were good, the battery voltage would be approximately 8.4 V (1.4 V per cell) just after charging.

I'm assuming this is a typical HT plastic-encapsulated battery. Generally, there is no way to repair shorted cells from outside the battery. You need to open the case up (usually by cracking the glue at the seams) and get electrical access to the cells individually inside.

Since this pack is fairly new, it may be possible to "zap" the shorted cell and restore normal operation. Once the pack is open, test each cell individually until you find the one reading zero volts. It is *not* necessary to disconnect the connections inbetween the cells. "Zapping" is based on applying several 10s of amps of charge current for a fraction of a second. This will hopefully burn out the short inside the cell without burning out the internal connections in it. The result of over-zapping is generally an open cell.

Generally, charged capacitors (the big "computer grade" electrolytics, 50K uF at 20 V or so), and NiCd cells are recommended as sources for the zapping current. As an initial attempt, a well-charged D-cell NiCd connected directly to the shorted cell with heavy connections is relatively safe. I have also had good results using a 12V battery with a 6A *magnetic* circuit breaker in series as a timer. After each "zap", connect the slow charger to the pack and observe if the voltage of the previously shorted cell rises to 1-1.2 V. If it does, consider the zap successful and charge the pack for at least 15 hours.

It is also possible to under-zap, leaving a partial short. Should that happen, the cell will discharge by itself within a few days, and eventually become re-shorted. If it becomes shorted hard again, another zap may work

but you should start considering replacing the cell or the pack.

For about $10-$20, you can obtain an "insert" of new cells already taped and welded together to fit your pack. Once you have the pack open, it is quite simple to rebuild it by installing one of these, giving new performance for 1/4 to 1/2 of the new price. This is a lot less headache than trying to zap cells, and is definitely recommended if the pack is more than a year or two old. The newer cells often claim increased capacity over the ones supplied by the pack manufacturer as well.

Cell reversal occurs when one of the cells in the pack discharges completely, and current flow out of the pack causes it to "charge" with reverse polarity. This causes a short very quickly. Cell reversal is preventable by (1) never discharging the pack completely and (2) always charge enough that all cells reach full charge. Overcharging with the slow charger causes damage slowly, mostly due to heat buildup. This is much preferable to a pattern of undercharging will almost certainly cause one cell to reverse and a catastrophic failure from a short.

-Mike KD4QDM

881. Charging Nicads?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: g-taylor4@tamu.edu
Message-ID: <41angp$8pj@news.tamu.edu>
Source record: 213595
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Have what I assume is a six cell nicad battery pack less than 4 months old and
not used very often that only once or twice have I gotten to take full rated value
of 1.2 volts/cell (7.2 volts). Typical behavior is to charge to about 1.15 volts per
cell and won't take any more even after 12-14-16 hours. Anyhow, doesn't take long
for the low battery indicator to kick in (about 1.07 volt/cell)

Is this the dreaded memory effect? Pulling out the files, articles I've found seem to
indicate this is an overrated and unlikely phenomena in typical amateur use. Have seen
some references to cell reversal....could this be whats going on? Have tried a combination
of
deep and shallow discharge, per manual (10 hours) and longer charge times but situation
continues.

Any suggestions besides spending bucks on a new battery pack.

Tnx....Greg, KD4HZ
g-taylor4@tamu.edu

882. Re: Comments on IC-2340

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: "Anthony R. Gold" <tgold@tgold.dialup.access.net>
Message-ID: <809006153snz@tgold.dialup.access.net>
Source record: 213596

In article <DDIqJL.98t@hpcvsnz.cv.hp.com> charlier "Charlie Panek" writes:

> What mods? There have been a couple of posts here recently looking
> for mods on ther 2340H, but no responses. I've checked some of the
> ftp mod sites and can't find anything either. What did you do, and
> what did it get you? (I'd be happy just to open up the receiver to
> wide band receive.)

If you want my opinion on the friendly advice and offers you have received
from this request, send $25 to me at ....

--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

883. what's mods for Icom 260E ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: capi@hds.univ-compiegne.fr
Message-ID: <419ulc$c1a@sunsic.si.univ-compiegne.fr>
Source record: 213597

is there any mods for the icom 260E ?
many thanks for your reply and best 73 from f1tyn in jn19pu

884. Re: Transverter Information Request

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: mclendon@ix.netcom.com
Message-ID: <41a1l5$j9f@ixnews3.ix.netcom.com>
Source record: 213598

In <412opn$hp8@sndsu1.sedalia.sinet.slb.com>
smithson@rosharon.wireline.slb.com (Tony Smithson) writes:
>
>I am considering buying a transverter to work 2m SSB. I've only seen
>one supplier and that's Down East Microwave. They offer a 144-28 Mhz
>version with 25 watts out.<snip>

Tony,

If you are an experimenter-builder, Hamtronics sells a
receiving converter and a linear transmitting converter. I bought these
and built a very nice transverter for 2 Meters. What fun!

Moderate skill required for the system design but the converters
come as nice easy to assemble kits.

Just thought I'd share some alternatives.

73s - Mike

885. Re: Filament voltages?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: wilder@clark.net
Message-ID: <41a30k$r36@clarknet.clark.net>
Source record: 213599

JEFF SUMBERG (jeff.sumberg@sailboard.com) wrote:
: I picked up the following transmitting tubes for "shelf duty" (curio items),
: and I'd like to try to light the filaments. Could anyone supply the filament
: voltages, and current drawn if you know, for the following tubes:
: Eimac 100T
: 6155
: 4-65A
: Email will be fine. Thanks : 73 de N2VYU

4-65 6.0v 3.5a
6155 5.0v 6.5a AKA 4-125A and 4D21. 125w Plate dissipation.
100T Is this a 100TH or 100TL? They are 5.0v 6.3a

73 and have fun with tubes, Dick Wilder, K3DI, wilder@clark.net

886. Re: firmware RC-96, Eprom

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: linkcomm@worf.netins.net
Message-ID: <41a5ir$u8j@insosf1.netins.net>
Source record: 213600

In article <hideg.1-1908952310320001@hideg.cc.nd.edu>,
Steve Hideg <hideg.1@nd.edu> wrote:
>In article <412vag$ub7@insosf1.netins.net>, linkcomm@worf.netins.net (Link
>Communications) wrote:
>
>> This is Link Communications, Inc. In cooperation with Advanced
>> Computer Controls, Inc., we have purchased all rights to their past
>> and current controller software. We will soon be posting the EPROM
>> and EEPROM files on our FTP site (see info below) and hopefully
>> providing pre-programmed PROMS. In both cases, the software will be
>> the last FINISHED version, not Version 6 (which was never finished).
>> We will also be providing ACC's manuals for those that want them.
>
>Steve,
>
>Do you plan to pick up the V6 project?
>
>--Steve Hideg, N8HSC
>
No we don't currently plan to continue the Version 6 project. It was
abandoned by ACC and is a long way from being finished.

Steve Strobel, KC7HXB
Link Communications, Inc.
P.O. Box 1071
Sidney, MT 59270
(406) 482-7515

887. Hallicrafters transformer info???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-21 00:00:00 UTC
From: af104@detroit.freenet.org
Message-ID: <41a6po$t58@detroit.freenet.org>
Source record: 213601

Looks like I need to replace the power transformer on my
Hallicrafters HT32A.

Anybody know the voltage specs on the secondary windings?

Will a transformer from a HT-37 work?

Anyone have a junker??

Thanks,
Jeff
--

Jeff
WB5KZW (Near Detroit)
(810) 855-9209

888. Radio Shack DSP questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: jshaffer@pennet.net
Message-ID: <41dbh5$dl9@nuclear.microserve.net>
Source record: 213452
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment

How good is the Radio Shack DSP for shortwave listening? Worth the $50 sale price? Also, do they make a version with a power supply onboard, or just the "mobile" version?

889. Kenwood TM-201 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: jlamar@yrkpa.kias.com
Message-ID: <41e813$mql@yrkpa.kias.com>
Source record: 213453

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

890. FS: RS Pro-2006

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: dscher@shore.net
Message-ID: <41dgut$qvl@shore.shore.net>
Source record: 213454
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

Radio Shack Pro-2006 scanner for sale. Excellent condition, cellular modified, box & owners manual. A great radio, hate to part with it, I need the money. $300.00 firm, cash or cashier's check only.

Please e-mail me if interested.

Dave Scherman
dscher@shore.net

891. Re: Radio Shack DSP questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <41dhb7$miq@solaris.cc.vt.edu>
Source record: 213455
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment

In article <41dbh5$dl9@nuclear.microserve.net>, jshaffer@pennet.net (Jim Shaffer) says:
>
>How good is the Radio Shack DSP for shortwave listening? Worth the
>$50 sale price? Also, do they make a version with a power supply
>onboard, or just the "mobile" version?
>
The RS unit will not "actively" filter noise, such as line noise, QRN,
etc. What it Will do is remove as many carriers as necessary, including
heterodynes from adjacent frequencies. Also, in the widest position, AM
broadcast reception is enhanced under difficult conditions. If you try to
go much narrower, audio fidelity suffers too much. (The unit also works
very well as a narrow CW filter).
You can power the unit from any 12 v dc source.
Well worth 50.00.
John

892. Re: Kenwood TS850S VS Yaesu FT-990

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: tracker@indirect.com
Message-ID: <tracker.16.0077094A@indirect.com>
Source record: 213456

In article <415c0t$kr7@solaris.cc.vt.edu> jbmitch@vt.edu (jbmitch) writes:

>850 can easily be turned up to 150 Watts; don't know about the 990. I've
>been running mine at 150 for years, no problems.

This is interesting. I would sure like to know how to do this. My friend
just bought a TS-850SAT. I know he would be interested in this mod.

Mark Saunders
A.R.S. KJ7BS
tracker@indirect.com
KJ7BS@N7MRP.AZ.USA.NA
Mark Saunders - KJ7BS
Glendale, AZ
PACKET: KJ7BS@N7MRP.AZ.USA.NOAM
INTERNET: tracker@indirect.com

893. Er 2 error msg. on HTX 20

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.3649.7583.0NFBAEE6@woodybbs.com>
Source record: 213457

Subject: Er 2 error msg. on HTX 202?

>>I have gotten this error msg. display in the LCD of my HTX202

HTX-202 Error Codes (taken from a Radio Shack memo)

ER1 indicates an internal RAM error. It appears when the memory backup battery is dead, when something has caused the memory contents to become corrupt, or as a result of physical or static electric shock. To clear this error, turn off the unit. Then turn it back on while holding down the "function" and "D" buttons. This clears the memory. If the error returns after you clear the memory, service is required.

ER2 indicates a PLL unlock. The radio gives this error if the PLL alignment is off or if the transmitted signal interferes with the internal PLL frequency. This error has been reported most frequently when using the supplied "rubber ducky" antenna with either a high-power battery pack or with an external DC source.

According to the memo, the fix for this is to use an external antenna when using external DC power. The memo goes on to say that if the problem persists, send the transciever to the repair center.

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

894. Re: HTX-202 and Customer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.3650.7583.0NFBAEE7@woodybbs.com>
Source record: 213458

Subject: Re: HTX-202 and Customer

>>i had my htx-202 for 4 yrs and never had a problem.
>>in fact i had 3 htx-202's and am very satisfied with
>>them. kd4gan

The VAST MAJORITY of HTX-202 owners are quite pleased with their acquisitions.

As is human nature, we only "scream" when we perceive being wronged.

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221

895. Re: Good customer service - ICOM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: headshrnkr@aol.com
Message-ID: <41e830$ckp@newsbf02.news.aol.com>
Source record: 213459

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

896. Need Radius P200 HT info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: gleason@mwk.com
Message-ID: <1995Aug22.161623.3162@mwk.com>
Source record: 213460

I just got a Motorola Radius P200 handheld. It had been submerged for days in a flood, and it had been pronounced "unrepairable" and discarded...I fished it outta the trash, took it apart, scraped off the larger chunks of river mud, and now it works great.

I'm looking for the info I need to make it operate in the ham segment of its range (it sez on the case it can operate from 430 to 470 Mhz). Presumably, it is configured by a little gizmo that screw on top of it that mates with some contacts there - unfortunately, the vendor kept this when they threw it out, so I'll need a way to get one of these. Also need the rubber ducky antenna for it - as well, any general info would be welcome...

Lee K. Gleason N5ZMR
Control-G Consultants
gleason@mwk.com

897. Re: Charging Nicads?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <41b7l2$rj3@gaudi.lahabra.chevron.com>
Source record: 213526
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

g-taylor4@tamu.edu (Greg Taylor) wrote:
>Have what I assume is a six cell nicad battery pack less than 4 months old and
>not used very often that only once or twice have I gotten to take full rated value
>of 1.2 volts/cell (7.2 volts). Typical behavior is to charge to about 1.15 volts per
>cell and won't take any more even after 12-14-16 hours. Anyhow, doesn't take long
>for the low battery indicator to kick in (about 1.07 volt/cell)
>
[snip]
>
>Any suggestions besides spending bucks on a new battery pack.

Sounds like a shorted or reversed cell. If you have never seen the
battery perform well, and it's only four months old, send it back to the
manufacturer. Tell them it does not seem to work properly and ask for a
replacement. I would bet they'll send you a new one.

You could disassemble the case and shock the bad cell back to life if
it's reversed. However there could still be damage that will result in
poor performance in the long term. My advise is to send it back and get
a good, fresh one.

Be careful about discharging below 1V per cell. That is normally what
causes reversal.

--
Curtis Wheeler - Pleasanton, CA

898. Re: Charging Nicads?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <41boov$aqq@tilde.csc.ti.com>
Source record: 213527
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Must be an AGGIE_PACK !

No just kidding. I have a similar pack, that showed
these characteristics. Seems one of the six cells was
bad. Using a cheap volt meter, I ran the pack just
until the low battery indicator came on. Then, I
opened the pack, and checked voltage on each of the
cells. Five of the cells were 1.1 volts, and one cell
was around 0.95 volts. This was the 'bad' cell.
Replacing it fixed the pack back to new and it's given
no signs of failure after 2 years of normal ham use.

73...

899. Re: Charging Nicads?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <41buc0$geg@news.ccit.arizona.edu>
Source record: 213528
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

g-taylor4@tamu.edu (Greg Taylor) writes:
>Have what I assume is a six cell nicad battery pack less than 4 months old
>and
>not used very often that only once or twice have I gotten to take full rated
>value
>of 1.2 volts/cell (7.2 volts). Typical behavior is to charge to about 1.15
>volts per
>cell and won't take any more even after 12-14-16 hours. Anyhow, doesn't
>take long
>for the low battery indicator to kick in (about 1.07 volt/cell)
>Is this the dreaded memory effect? Pulling out the files, articles I've found
>seem to
>indicate this is an overrated and unlikely phenomena in typical amateur use.
>Have seen
>some references to cell reversal....could this be whats going on? Have tried
>a combination of
>deep and shallow discharge, per manual (10 hours) and longer charge times but
>situation continues.
>Any suggestions besides spending bucks on a new battery pack.
>Tnx....Greg, KD4HZ
>g-taylor4@tamu.edu
Try checking the peak voltage of the charger on a scope. Or a different
charger. If it's OK, the problem is the pack. You're right that memory effect
is a pretty minor concern these days. But over heating during charge is a still
a big concern. Has this ever happened? If you are able to measure cell voltages
then you sould be able to see if one is reversed. But on the whole, I'd suspect
that you just have a defective cell, especially if the pack has always behaved
this way. /^\
|
|
|
|
Random opinionizing--- by Chris, N7RME

900. MAIL ORDER EQUIPMENT SOURCE?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: joebush@ix.netcom.com
Message-ID: <41bdd4$9ef@ixnews2.ix.netcom.com>
Source record: 213529

Please someone suggest some good mail-order radio equipment companys
(i.e. SW receivers)

901. Er 2 error msg. on HTX 202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: ag001@lafn.org
Message-ID: <1995Aug22.030134.21189@lafn.org>
Source record: 213530

I have gotten this error msg. display in the LCD of my HTX202
(R.S.). However, by removing inxxxx the NiCad pack and re-inserting,
the msg. goes away & functions are normal. Any idea what's causing
this on a fairly new (6 mos.) HT?

Thanks
KE6OCM
--
A. Stavsky, P.O. Box 351222, Los Angeles, CA 90035-1222

902. Re: Yaesu FT-51R review?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <41bkpv$f2p@news.iadfw.net>
Source record: 213531

craigb@sdd.hp.com (Craig Bosworth) wrote:

>If anyone has a Yaesu FT-51R, I'd love to hear from you about how you
>like it. I am trying to decide between one of those and a used TH-78.
>I think I'd really enjoy being able to up/download the programming
>to my PC.

>What do you think?
>--
>Craig Bosworth, KD6WQH Hewlett Packard, San Diego Division
>craigb@sdd.hp.com kd6wqh@wb6dgr.#soca.ca.usa.na +1 619 655 8609

Craig, I've had mine since June 95 (HAMCOM DALLAS). I used a Kenwood TH-77 before it and was a real Kenwood fan. I have been converted. It is the most radio for the money, no doubt. I use RT Systems software and they have set the standard that other handhelds will have to follow with the ability to program from your PC Computer. I don't think you will be disappointed. If you buy one, look at W & W associates for your batteries and such. They are considerably cheaper than the Yaesu stuff and have more capacity in some cases. 73's Floyd.....(WD5ENJ)

903. Re: Flashing display at resonance

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <809064079.2653@pinetree.microserve.com>
Source record: 213532

jkepler <jkepler@pinn.net> wrote:

This question is related to another posted to R.R.A.Antenna.

>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch.

The G5RV *is* resonant on 20M, but it's impedance isn't 50 ohms
because it's 3/2 wavelengths. Unless a specific length feeder is
used to bring it to 50 ohms, the transmatch is necessary to match the
VSWR that results from the resistive mismatch.

>I suspect you have standing waves on the feedline and that when you
>turn up the power some of that voltages gets back into the rig and
>confuses the display.

VSWR won't cause RF currents on the outside of the shield. However,
if there is an imbalance in the G5RV system somewhere that is causing
these currents, VSWR can aggravate the symptoms.

To maintain balance, the ladder line must be completely in the clear
and not running parallel to the dipole. The dipole itself should also
be in the clear and should be physically symmetrical.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

That's an excellent idea for unbalanced antenna systems, but it
shouldn't be necessary here. If the antenna is causing RF in the
shack, there's an imbalance somewhere.

73,

Jack WB3U

904. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: Al Bolton <Al@boltons.demon.co.uk>
Message-ID: <809074965snz@boltons.demon.co.uk>
Source record: 213533

In article <41aupj$4mt9@yuma.ACNS.ColoState.EDU>
fiz@lamar.colostate.edu "fiz" writes:
> I bought a Kenwood TM-241A this spring...One of the questions I
> explicitely asked was, "Does this radio receive aircraft
> transmissions?"...The reply, "Yes it does"...To make a long story short,
> I hauled the radio around in my car trying to hear friends in
> airplanes...Never a peep...Finally I sent the radio back to Kenwood to be
> checked..."No problem found"...So I talked with a rep...The official
> party line at Kenwood is the TM-241A WILL receive aircraft, providing it
> gets at LEAST a 50 MILLIWATT signal...How strong is that, you
> ask?...Well, the 2 meter signals it receives only need to be 0.25
> MICROWATTS...
> AND I WILL NEVER BUY A KENWOOD AGAIN...
>
Surely you mean MilliVOLT and MicroVOLT.....(for 12db s/n etc)
Sounds a bit odd-does this receiver have both an AM section (for airband) AND
an FM discriminator for the amateur bands? Or does it try to use the FM receiver
to try and pick up AM signals?! If it does, I'm not surprised.

Cheers de

Al Bolton.
OK8VSQ/OM/G4VSQ.
Caversham, UK.
G-QRP 8741.
---

905. Re: *** 826 Tube Info/Sources desired ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: Jim Strohm <jstrohm@blazer>
Message-ID: <41d0q7$n22@unisql.unisql.com>
Source record: 213534
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Is the 826 a mercury rectifier?

If so, there's a solid state plug-in replacement available. Alternatively, you can use a hi-volt recitfier module (try Silicon Alley) but be advised that the mercury rectifier tubes caused a significant voltage drop, so B+ may be too high with either "fix."

You may be able to resurrect the nonfunctional 826 by letting it sit right-side up in the chassis for a day, and then slowly bringing up the filament voltage with a variac. Be sure not to apply HV. Give it a couple hours to warm up, then bring the HV up on a second variac. YMMV, but sometimes it works.

Since the 1940s we've forgotten how to care for mercury rectifier tubes.

We've also mostly forgotten (or never experienced) the joy of sitting in a darkened ham shack with the lid off the power supply, using a big plate-modulated AM rig and watching the rectifiers and the PA plates flash and flicker. It's nearly as ggod as the Northern Lights.

Jim N6OTQ

906. Re: Repair Help on a Icom 251,mods also

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: Terry Dobler KJ7F <kj7f@micron.net>
Message-ID: <41b83t$nst@mis02.micron.net>
Source record: 213535

mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>
> Does anyone have experence repairing a Icom 251 all mode,also looking
> for mods TNX 73 Mike WB2GLW
>
Don't know about mods. What is wrong with the 251?

Terry KJ7F

907. Re: Battery Charger as DC power supply?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <41b96o$j1h@ixnews4.ix.netcom.com>
Source record: 213536

In <4193a6$hai@allnews.infi.net> atanner <atanner@infi.net> writes:
>
>It's probably safe enough but a battery charger does not usually
filter
>its DC output and you would get a great deal of hum and put out a
>terrible if unuseable signal. A better idea might be to let the
charger
>trickle charge a good auto battery. Use the auto battery to run the
radio
>and the charger to charge the battery when the radio is not in use.
>You could try using the charger at the same time you are running the
>radio on the battery but my guess is it will still poduce too much
hum.
>
>And anyway, I think the radio rules and regs still require a clean DC
>signal at frequencies below the 2M band and good engineering practice
>demands it on any frequency.
>
>de WB6THE
>
>Alan
>
>
>
Then why not add a filter to the charger? It would be a simple matter
(more than likely anyway) to add an electrolytic cap(s) to filter the
DC.

John
KE6TGN

908. Any mods for the DR-610???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: Cvvb@cris.com
Message-ID: <41cppf$rc4@warp.cris.com>
Source record: 213537

I need the mods for the DR-610, I can't find any mod in oak.oakland.edu
any other source?

909. Re: Icom IC-24AT help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: coan@netcom.com
Message-ID: <coanDDpvCz.Mq1@netcom.com>
Source record: 213538

Gary, my BNC connector on this radio keeps coming loose ... and I took it apart and sure enough the center conductor had come loose. I tried to get it back right with my smalest soldering iron and made a connection ... yet it came loose again. I'm afraid I'll have to send it back to the factory. Also, in case anyone is interested, there is a software modification sequence to vastly extend receive coverage range on this radio. I did mine several years ago and don't remember it exactly -- but it involves holding down some buttons while powering on. I belive the hamnet forum on ComuServe has the procedure.

KE4ML

910. Re: Filament voltages?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: jeff.sumberg@sailboard.com
Message-ID: <8AFA2CB.012D0018BA.uuout@sailboard.com>
Source record: 213539

```
RL>4-65 6.0v 3.5a
>6155 5.0v 6.5a AKA 4-125A and 4D21. 125w Plate dissipation.
>100T Is this a 100TH or 100TL? They are 5.0v 6.3a

Thanks to Dick Wilder, K3DI, for supplying the data on the tubes.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .
```

911. Re: Flashing display at resonance

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: jkepler <jkepler@pinn.net>
Message-ID: <41bidv$367@everest.pinn.net>
Source record: 213540

pruth@ocvaxa.cc.oberlin.edu wrote:
>
> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
> resonant antenna on 20m giving a close to perfect match with the
> aid of a small transmatch, the frequency display flashes and
> vanishes when I turn up the pure carrier rf output to maximum.

Hmmm, I think things are not as resonant as you think they are. A resonant antenna would not need a transmatch. I suspect you have standing waves on the feedline and that when you turn up the power some of that voltages gets back into the rig and confuses the display.

You might be able to make a virtual ground by attaching a 1/4 wavelength (at operating frequency) piece of wire to the rig and just run it along the baseboard of the shack.

j/k

912. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <809064328.2653@pinetree.microserve.com>
Source record: 213541

fiz <fiz@lamar.colostate.edu> wrote:

>The official party line at Kenwood is the TM-241A WILL receive
>aircraft, providing it gets at LEAST a 50 MILLIWATT signal...

The receiver will probably respond to *any* signal that hits the
antenna at 50 milliwatts. <g>

Do you have their specs for this in writing?

Jack WB3U

913. Re: *** 826 Tube Info/Sources desired ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: hamrlund@aol.com
Message-ID: <41d74e$s7k@newsbf02.news.aol.com>
Source record: 213542

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

914. Re: Radio Shack DSP questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: mikeku@interaccess.com
Message-ID: <mikeku.11.000A3985@interaccess.com>
Source record: 213543
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment

In article <41dbh5$dl9@nuclear.microserve.net> jshaffer@pennet.net (Jim Shaffer) writes:
>From: jshaffer@pennet.net (Jim Shaffer)
>Subject: Radio Shack DSP questions
>Date: 22 Aug 1995 19:35:01 GMT

>How good is the Radio Shack DSP for shortwave listening? Worth the
>$50 sale price? Also, do they make a version with a power supply
>onboard, or just the "mobile" version?

Prob. worth the $50. Prob. not worth much more.

Hope this helps
Mike Kuna

915. Re: RE: Kenwood 241A false advertising

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: fiz <fiz@lamar.colostate.edu>
Message-ID: <41d6sr$2irq@yuma.ACNS.ColoState.EDU>
Source record: 213544

>How much might you be asking for the Kenwood 241A when it comes back?
>Email "jmp@ipctech.com"
>
>--
>John Pendergraft
>jmp@ipctech.com

Thanks for the interest but I'll try to sell it locally first and
avoid the worries of selling on the net...Now, if you could pick it up in
northern Colorado.......

ttfn fiz

916. Someone wanted IC-2GXAT mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: tcalof@minet.gov.mb.ca
Message-ID: <tcalof-2208951558320001@dial079.mbnet.mb.ca>
Source record: 213545

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap to the radio. 73/Terry VE4UC

917. Re: 572B tube in Collins 30L1 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Message-ID: <41did5$e7e@siesta.packet.net>
Source record: 213546

Doug,

572B will work just fine in a 30L-1. You won't get anymore power out but they will last forever. Collins recommends that you change out one of the one of the caps in the 30L-1 for best operation with a 572B but I've tried them with a stock unit and it seemed to work fine. If your really interested in this mod I can dig through my stuff and tell you which cap to change.

As far as the ceramic based 811A, I've used bakelite 811 and 811A tubes for years and have never found any problems. I wouldn't spend any extra for a ceramic base but if its the same price, why not!

Manuel WF1J Tampa, Fl.

918. Re: Battery Charger as DC power supply?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: rburgan@detroit.freenet.org
Message-ID: <41dje5$h5j@detroit.freenet.org>
Source record: 213547

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

919. Want band switch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <41dlcv$cj4@giga.bga.com>
Source record: 213548

I badly need a band switch for my homebrew project amp. The switch must have at least 6 positions to
cover 160-10mtrs. The one's like the units the ALPHA amps. are "IDEAL" , but I don't want to pay the
$200 for them. Pls help me finish my amp project.
E-mail or Call Matt @ (512)303-9503 after 7pm CDT
Thanks, KK5DR

920. Battery Charger as DC power supply with battery in parallel

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: "James R. Duffey" <ji3m@scubed.com>
Message-ID: <1995Aug22.141101.18921@scubed.com>
Source record: 213549

Subject: Battery Charger as DC power supply?
From: ANDRES MARTINEZ, amnet@ix.netcom.com
In article <418vmg$pf2@ixnews6.ix.netcom.com> ANDRES MARTINEZ, amnet@ix.netcom.com writes:
>Is it safe to use a battery charger (2 or 10 Amps) to power a TS-50s in low power?

I would not use the charger alone to power a valuable rig, but in parallel with a battery it should work fine.

I use a battery which is in parallel with a battery charger to power my TS850S. This setup works fine, and is relatively expensive.

The battery is a 110 AH deep cycle discharge marine battery. The charger is a "6 amp solid state controlled automatic charger". I obtained the battery at Sams for $45 and already had the charger. New similar chargers run about $30 or so. Chargers are also common on the garage sale circuit for $5 or so. Normal automobile batteries cannot take repeated deep discharges, so they shoudl be avoided if you are buying a new battery, particularly as the deep cycle batteries are widely available and not expensive. The automobile battery may be ok for casual use, particualrly if they can be obtained free or cheaply.

I have used this setup for about a year and a half with no problems. It has some benefits too; as the radio is always powered the memory for the keyer remains when the radio is turned off.

I operated CW sweepstakes last year and after the 24 hours, 29 total with 5 off for sleep, the battery still had a respectable charge left with indication of about 12 volts.

The setup is not pefect. After the battery charger has been on for 4 or 5 hours at maximum charge the thermal overload protection starts to cycle on and off. I will add a fan before this years sweepstakes. More battery capacity could be had by using two 6 volt golf cart ("traction") batteries in series. These are also available at Sams. A used 14.4 volt 5 or 6 amp supply may be a better choice than the charger; they are available in surplus emporiums around here for $20 or so.

The whole thing is cheaper than a commercial DC supply at $120 or so, and has the advantage that it can be used when the 120 Vac goes out. I can get about two to three weeks of casual operating, 2 or 3 hours a day out of the battery alone, without the charger.

The battery is housed in a garbage bag to contain any acid spills, but a battery case for marine use would also provide protection. I check water on a irregular basis, and add a bit about once a year. The battery occassiuonally "burps" when approaching a full charge.

James R. Duffey KK6MC/5
S-Cubed Division of Maxwell Laboratories
2501 Yale Street SE Suite 300
Albuquerque, NM 87106

921. 572B tube in Collins 30L1 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: dsnowden@ccd.harris.com
Message-ID: <41cv9f$bfvl@rs2.ccd.harris.com>
Source record: 213550

Subject says it. Will the 572B tube fit in the 30L1? Physically? It might be a bit bigger than the 811A tube, I don't know. If it will fit, is it electrically near the 811A? What is the result, more power? More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based 811A as opposed to the bakelite based ones? I see RF parts advertise the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

922. RE: Kenwood 241A false advertising

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-22 00:00:00 UTC
From: jmp@ipctech.com
Message-ID: <jmp-2208951223260001@shipping.ipctech.com>
Source record: 213551

How much might you be asking for the Kenwood 241A when it comes back?
Email "jmp@ipctech.com"

--
John Pendergraft
jmp@ipctech.com

923. Re: Kenwood TM-241A comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: enick@unlinfo.unl.edu
Message-ID: <41e1qg$l4h@crcnis3.unl.edu>
Source record: 213461

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've
been Dxing. If this only had side band I would be totally happy. I run
it on a Diamond J-130 discone and i can get out and around very well.
i don't use it much for the AM air craft band, but i do listen to the
railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

924. Kenwood TR-9000

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: ramppa@worm.fidata.fi
Message-ID: <wcloskgyu5.fsf@worm.fidata.fi>
Source record: 213462
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm looking for service manual to old Kenwood TR-9000. It's VHF multimode
and I have some problem for it.
Please reply direct to mail, because I don't read these newsgroups

Ramppa

--
Rami Vainio OH2LIY
EMAIL : ramppa@worm.fidata.fi
MAIL : Rami Vainio
Tarjantie 15
01400 VANTAA FINLAND
PHONE : +358 40 505 8085
PACKET: OH2LIY@OH2RBI.FIN.EU

925. GIVE AWAY OLD EQUIPMENT ST. LOUIS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: mike@dra.com
Message-ID: <41e4m7$jdq@indigo.dra.com>
Source record: 213463

Have several vintage goodies in fairly poor condition. Price is free, but you must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail. Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

926. Re: 572B tube in Collins 30L1 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <809155058.22150@pinetree.microserve.com>
Source record: 213464

dsnowden@ccd.harris.com (Doug Snowden) wrote:

>Subject says it. Will the 572B tube fit in the 30L1? Physically? It
>might be a bit bigger than the 811A tube, I don't know. If it will
>fit, is it electrically near the 811A? What is the result, more
>power? More reliablity? Or a waste of money?

The 572B is virtually identical to the 811A but with a much greater
plate dissipation (160W VS 65W). Unfortunately, in order to make use
of that additional dissipation, you need to raise the plate
supply to about 2500V. Personally, I wouldn't spend the extra money
as replacements for the Collins.

>Along the same line, what is the advantage of using a ceramic based
>811A as opposed to the bakelite based ones? I see RF parts advertise
>the ceramic based ones at quite a bit more money..

I'm not aware of any advantages offered by the ceramis base, but maybe
there's another reason for the price difference. Wonder if the
ceramics are U.S. made?

73,

Jack WB3U

927. Re: what's mods for Icom 260E ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: n7chs@aol.com
Message-ID: <41eppl$iho@newsbf02.news.aol.com>
Source record: 213465

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

928. Hull 5150 ssb transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: spearce@ccu1.auckland.ac.nz
Message-ID: <41f1uk$mns@thebes.waikato.ac.nz>
Source record: 213466

Does anyone have information on the Hull 5150 SSB Marine Transeiver
(maybe even a manual for it?)

I would v. much appreciate a contact as I have a loan of one
and would liketo get full use of it

Thanks

929. Yaesu FT290-II blowing lamps

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: rafaels@zimmer.CSUFresno.EDU
Message-ID: <DDr0Lq.3Kp@CSUFresno.EDU>
Source record: 213467

A friend of mine with no net access asked me to post a question about his Yaesu FT290 Mark II all mode 2m xceiver. He has changed the lamps in the power meter twice and he wonders if there is a way to reduce the voltage going to that tiny lamp. Has anyone experience burnt lamps on this radio. Yaesu charges $30 for changing the lamp!

Thanks and 73

Rafael (KE6JSR)

930. DSP and noise reduction

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: jason@fir.canberra.edu.au
Message-ID: <jason.809177794@fir>
Source record: 213468
Cross-posted to: comp.dsp,rec.radio.amateur.equipment

I am doing some research into noise reduction techniques using DSP. What I have in mind is for application to the receiver of a radio system. The noise reduction can be applied to the already extracted signal (ie make a noisy audio signal a bit nicer to listen to) or a bit closer to the IF stage for noise reduction and signal extraction. I have heard there are devices in the amateur radio market for the former and I am interested in techniques and algorithms for both requests. I would appreciate any info or pointers to literature, programs, maths etc.

Thanks in advance,
--
_ /| jASON Hecker --+ ACK! Bleck!
\'o.O' | 4th Yr Electronics & Communications Eng. Student | Thppppfffft!
=(___)= | U Canberra, Australia jason@fir.canberra.edu.au | - Bill D Cat
U +---+

931. Kenwood TR-7400A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: pmlepine@fox.nstn.ca
Message-ID: <41ffp5$8jn@Owl.nstn.ca>
Source record: 213469

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led
remains on in TX and RX. There is no indication on S-meter in TX, and I
suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

932. FS:**** MFJ TNC ****

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: rafeek@netcom.com
Message-ID: <rafeekDDrowB.GEE@netcom.com>
Source record: 213470

Hello,

I have the following things for sale:

1. MFJ-1278 Multi Mode Data Controller TNC
- Mint Condition
- Used for less than 5 hours!
- Includes all manuals and original packing.
- Includes a certificate to upgrade the ROM for free.

2. MULTICOM Communication package that works with MFJ 1278
- All manuals and disks (3.5') included.

3. Accessories
- TNC to Computer cable
- HT (Icom) to TNC cable
- Power supply

******* TOTAL PACKAGE FOR: $ 225.00. ********

Note:
You have to handle shipping. Total package weighs about 4/5 lbs.

If interested, please e-mail me at: rafeek@netcom.com

73,

de

Rafeek Kottai KB7DBJ
rafeek@netcom.com

933. Speech Processor Mikes?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: depaul@spk.hp.com
Message-ID: <DDrwz3.94D@hpcvsnz.cv.hp.com>
Source record: 213471

Hello.

I'm looking to get a speech processor mike for a TS520 that I own.

I recall many years ago that the Turner +3 was such a mike...Are
there any sources that sell such a beast now?

Thanks,

MArc

934. Re: Drake & Collins Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Message-ID: <41fong$7cf@siesta.packet.net>
Source record: 213472

Floyd,

I'm interested in buying your entire lot of any tubes that
work with Collins. What do you have and how much would
you take for the entire lot?

Manuel WF1J

935. Several Items

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: rasta@stlucia.net
Message-ID: <41fqn3$duj@grape.epix.net>
Source record: 213473

```
Timewave DSP 9+ ..............$200.00
KW SM 230 Scope Box Manuals etc.$650.00
MFJ-989C 3K Tuner (new industor coil) $200.00
Hayes Optima 14.4 Modem..............$150.00
Yaesu MD-1 c8 Mic (never used).........$75.00

Call 717-232-2015 if interested
```

936. Re: ACC Controller Firmware i

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: jwc@col.hp.com
Message-ID: <41frbk$50d@nonews.col.hp.com>
Source record: 213474

hduff@humnet.humberc.on.ca wrote:

: >
: > ACC's answering machine says their firmware will sonn be available in
: > public domain. Has anyone seen this yet? They use Compuserve so it may
: > show up there first.
: >

: Do let me know if you (or anyone) come across this !

: Thanks...Hugh Duff VA3TO
: hduff@humnet.humberc.on.ca

Try Link-Radio in Montana. I understand they bought all inventory & rights.

937. Mods/Manuals for IC271E and IC471E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: Marinus Willemstijn <willemma@telkom19.telkom.ca.za>
Message-ID: <41f3qr$a8p@grovel.iafrica.com>
Source record: 213475

I am looking for manuals (service/Operating) for these two rigs.
Also if anyone can help me get hold of any modifications for them.

Thank you very much.

Marinus Willemstijn
ZS6MAW
Voice : +27 12 3256503
Fax : +27 12 3114438
Internet : willemma@telkom19.telkom.co.za

938. Yaesu Repair, USA phone # ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: jwdxt@boco.co.gov
Message-ID: <41g711$7sh@news-1.boco.co.gov>
Source record: 213476

I have the address (Cerritos, CA) of the Yaesu Repair office, but would like to call them before sending in a rig. Does anyone know their phone number?

Thanks,
Jim Deeming
KB0MED

939. Re: Want band switch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <41gclj$ekt@giga.bga.com>
Source record: 213477

I have got a good switch now.
Thanks to KF5MC
73 de KK5DR

940. Mods wanted for Kenwood TW-4100 mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: T.A.vanderKnaap@research.ptt.nl
Message-ID: <DDrKtF.9s5@news.research.ptt.nl>
Source record: 213478

I just got a Kenwood TW-4100E and I am looking for the functions of the
diodes in the frontpanel. I found mods for TX/RX extention with the diodes
D6 (UHF) and D8 (VHF).
In my 4100E version are the D1, D2, D3, D4 and D5 already removed and
in the 4100A version are the D3, D4, D5 and D7 already removed.
So I am looking for functions of these diode if they are installed/removed.

------- -------------------- Tom van der Knaap
| k p n | r e s e a r c h | The Netherlands
| _| | +31 70 3325169
| _|_| . . . . . | e-mail address:
|___|_| T.A.vanderKnaap@research.ptt.nl
My interest is in the future because packet address:
I am going to spend the rest of my life there. PA3GQL@PI8VNW.#ZH2.NLD.EU

941. NEED HELP extending range on transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: skateman@village.ios.com
Message-ID: <41ga8f$pmv@chelsea.ios.com>
Source record: 213479

I just bought an FM transmitter from Deco Industries and I need help extending its range.It is a 2 stage modulator. 3stage oscillator and power amplifier chain.It transmits 75mW output with a 9V battery.I have also connected it to my home TV antenna on my roof and its range has only extended 4 blocks from my home which is about 1/3 mile from my house.Please E-mail me with any suggestions.Thanks!

942. Re: Icom 2GXAT durability

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: chongws@bpahat.pl.my
Message-ID: <809178102.8snx@bpahat.pl.my>
Source record: 213480

In article <413naf$4pv@news.ios.com> mustang@serv2.fwi.com writes:
>
>Fellow Hams,
>
>I would appreciate it if anyone had any information what so ever on the> durability of the Icom 2GXAT.
>I will be using this radio extensively in the field. I have had some bad luck> with a few others and would
>appreciate any information anyone could provide.
>
> 73s,
It is suitable for short and intermittent QSO only as it gets hot very
quickly. Look out for the screw holding the BNC jack. Mine got lost after
the antennae started to wibble.

73
9M2WH

943. Re: Need Radius P200 HT info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: jchapman@freenet.columbus.oh.us
Message-ID: <41fb2u$fm8@acme.freenet.columbus.oh.us>
Source record: 213481

gleason@mwk.com wrote:

: I just got a Motorola Radius P200 handheld. It had been
: submerged for days in a flood, and it had been pronounced
: "unrepairable" and discarded...I fished it outta the trash,
: took it apart, scraped off the larger chunks of river mud,
: and now it works great.

: I'm looking for the info I need to make it operate in the
: ham segment of its range (it sez on the case it can operate
: from 430 to 470 Mhz). Presumably, it is configured by a little
: gizmo that screw on top of it that mates with some contacts
: there - unfortunately, the vendor kept this when they threw
: it out, so I'll need a way to get one of these. Also need the
: rubber ducky antenna for it - as well, any general info would
: be welcome...

Great find, it is a good radio, and works well on 440 MHz. It is indeed programmed through the connector on top. The intermediate box between the radio and the PC is called a RIB, and you can find those around also. However, the software is from Motorola only, available (licensed, not sold) through them, at a very high cost.

Your best bet, go to a local Motorola shop, tell them what frequencies you want in it, and they will program it, for a fee. They also can get an antenna for it easily.

:
: Lee K. Gleason N5ZMR
: Control-G Consultants
: gleason@mwk.com

Good luck,
--
John Chapman WB8INY
Ohio Section ARES, District Emergency Coordinator, District 7

944. 800 MHz mod - C508A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: dddavis@mindspring.com
Message-ID: <dddavis.16.00C0B8CF@mindspring.com>
Source record: 213482

A friend of mine has a C508A mod'd for full 800 Mhz receive coverage. The mod was done at a hamfest by a "radio mod" guy, so he didn't know how it was done. Does anyone here have that info? Thanks in advance.

945. Heathkit HO-10 Monitor Scope question.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: jeff.sumberg@sailboard.com
Message-ID: <8AFB2EA.012D0018EC.uuout@sailboard.com>
Source record: 213483

I recently bought a Heathkit HO-10 monitor scope at a hamfest. I'd like to locate somebody else with one of these. I have two questions to ask you:

1 - Do you have the manual? I am missing page 41 of my manual. The manual say "Condensed Manual" on the front, and carries the number 595-578-1. I'd like to get the missing page. (scanned->UUencode->Email, or FAX, or mail a copy).

2 - When the scope is in operation, the trace appears as a broken line rather than a solid line from edge to edge. As you turn up the sweep rate, the segments get smaller and more of them appear across the face of the tube (about 2 segments when slow, about 6-10 when at fast sweep). Is this normal operation? The unit works fine, and the displayed patterns look good, except for this "broken up" appearance.

This isn't the way they are shown in the manual which leads me to believe there is some signal, like a square wave, riding on the vertical deflection section (just a guess). I figured before I looked into the unit I'd ask.

Thanks in advance.

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

946. 2m/70cm mobile: Kenwood TM-733A - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: Simon Twigger <simont@post.its.mcw.edu>
Message-ID: <41g2hn$gkl@post.its.mcw.edu>
Source record: 213484

Hi there,

I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
was wondering what experiences people have had with this radio. I am
basically looking to buy a 2m/70cm mobile rig with a removable front
so I can mount the main body of the rig in the trunk of the car and
have the display up front. I dont think I can install a mobile rig
in my car (honda Civic 4dr) any other way.
If anyone has any opinions on this or any other radio that fits
the bill, I would be interested to hear them.

Thanks for your help!

Simon

Simon Twigger, AA9PW/G1SNT
Medical College of Wisconsin, Milwaukee.

947. Re: ICOM Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: walt@lfs.loral.com
Message-ID: <41fn7k$17li@watnews1.watson.ibm.com>
Source record: 213485

In <DDMBJJ.Etn@cix.compulink.co.uk>, jnewgas@cix.compulink.co.uk ("John Newgas") writes:
>Do you know what MOD if any will enable the 1750Hz repeater tone as used
>in Europe.

Contact ICOM on the internet at: 75540.525@compuserve.com
and ask them!

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

948. Re: Icom R-7000 problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: token@owens.ridgecrest.ca.us
Message-ID: <DDqw0t.M4s@ridgecrest.ca.us>
Source record: 213486

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered
>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the
>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

949. DSP Filter Advice??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: tuck@europa.com
Message-ID: <tuck-2308951638490001@walkingstick.europa.com>
Source record: 213487

I operate CW most of the time and am interested in either the Timewave 59+ or MFJ 784B. Any advice? The areas of most concern are:

Does the unit generate its own noise? This is really irritating when I use an AF to filter out faults in the receiver (hiss, AGC pop) as well as for selectivity. I listen with headphones. QST panned the 59+ in this area.

How does the unit handle CW spotting? Can you hear your own sidetone if it's the same frequency as the received signal?

How well does the noise reducton feature work?

Thanks Gary WB7FCQ

950. Icom 775DSP Any comments from new owners?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: Fewkes <kg7mz@worldaccess.com>
Message-ID: <41gden$hvj@vortex.worldaccess.com>
Source record: 213488

I am looking at possibly purchasing this rig. Any feed-back from new owners or anybody who has learned anything about the performance of this rig would be appreciated.

951. Re: Comments on IC-2340

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: keith@unm.edu
Message-ID: <41g3na$21rp@callisto.unm.edu>
Source record: 213489

Kirby Smith <kirby@skypoint.com> wrote:
>I Sell A mod for the IC-2340 and The IC-2700 that will allow the radio to
>recieve from 830-999.99 mhz with know gaps!!

I don't no if it's worth it :)
Know offence, but I get sceptacle when I sea something like that.
Keith KC5CEA

952. Icom HT's for sail

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: MDURHAM+aENG%EFJohnson@mcimail.com
Message-ID: <41fuoc$l5q@news.mr.net>
Source record: 213490

FOR SALE:

IC-24AT + 3 BP83's, 2 are new, and NEW BC-80 rapid charger. Asking $400 --- Shipping included for CONUS.

IC-32AT + 3 BP8's, all 3 new batteries, and NEW BC-35 rapid charger. Asking $400 --- Shipping included for CONUS.

PK-88 TNC, New in Box. Asking $80 --- Shipping included for CONUS.

MFJ-1270C TNC, Like New. Asking $70 --- Shipping included for CONUS.

E-mail me at MDurham+aENG%EFJohnson@mcimail.com

953. Yeasu FT-2500

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-23 00:00:00 UTC
From: dchapjr@aol.com
Message-ID: <41fvr8$qko@newsbf02.news.aol.com>
Source record: 213491

I'm looking for any mods for the Yeasu FT-2500. The Rx goes up to 170 Mhz+
but I'm wondering about Tx. Any question.

73's

Dave

954. ASTRON address needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: root@mi.net
Message-ID: <41ieef$1oi@scratchy.mi.net>
Source record: 213402

I'm looking to get in touch with Astron (the power supply
people). Does anyone know where they are located?

Thanks
Derek

--

Derek Billingsley VE9IS Maritime Internet Services Inc. info@mi.net
Director, Network Services 28 King St., Saint John, NB gopher.mi.net
Email: derekb@mi.net Tel: (506)-652-3624 http://www.mi.net

955. K-com filters and Telephone RFI

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: kcs@merc.rx.uga.edu
Message-ID: <kcs.32.000E8569@merc.rx.uga.edu>
Source record: 213403

Anyone out there with experience with K-com telephone RFI filters? Specfically, do they work and how do they work? Are they tuned circuits or just common mode ferrite chokes? If they are just ferrite, then they would appear to be a little pricey relative to the typical snap on ferrite chokes which are widely available. I've got a bit of telephone RFI (100w, SSB, 80 - 10m, low dipoles) so far no luck with ferrite. Which of course brings up another question - how much ferrite at the back of the phone do you need to choke HF off a telephone line? I suspect that a single ferrite snap on choke may not be effective below VHF. Any and all comment appreciated.

73,
Ken
N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

956. Re: IC765 250Hz filter ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: davew@cruzio.com
Message-ID: <DDtyLo.BsK@cruzio.com>
Source record: 213404

```
--
Dave Wells KD6TO; INTERNET: davew@cruzio.com
Packet:KD6TO@K6LY.#CENCAL.CA.USA.NOAM; COMPUSERVE:74067,1755
(WA4UQQ Worldwide Amateur Radio Directory III KD6TO)
.
```

957. Re: 800 MHz mod - C508A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: nepaleduc@aol.com
Message-ID: <41iltd$mgt@newsbf02.news.aol.com>
Source record: 213405

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

958. Re: New Antenna for C508A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: nepaleduc@aol.com
Message-ID: <41im5m$mje@newsbf02.news.aol.com>
Source record: 213406

For those interested in using BNC antennas on the C508A's SMA connector, there are adapters available from electronics supply houses at about $40! I managed to score one for $6 (SMA male to BNC female), plus others at 'OEM parts' in Colorado Springs, (719) 635 0771. (Note I have nothing to gain from this - just helping out other hams).

Of course, mounting a BNC connector on such a tiny HT tends to stress the mechanics of the SMA connector. Best way is to let the HT hang off the BNC antenna .....

73s

Rob
ZL2AXQ
Mill Valley CA

959. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Message-ID: <DDu18z.5wG@incyte.com>
Source record: 213407

In article <41aupj$4mt9@yuma.ACNS.ColoState.EDU> fiz,
fiz@lamar.colostate.edu writes:
>Hi,
>
>I bought a Kenwood TM-241A this spring...One of the questions I
>explicitely asked was, "Does this radio receive aircraft
>transmissions?"...The reply, "Yes it does"...To make a long story short,
>I hauled the radio around in my car trying to hear friends in
>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
be
>checked..."No problem found"...So I talked with a rep...The official
>party line at Kenwood is the TM-241A WILL receive aircraft, providing it
>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>ask?...Well, the 2 meter signals it receives only need to be 0.25
>MICROWATTS...
>
>And it took them over a month to figure out my radio works fine...
>
>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...
>
>AND I WILL NEVER BUY A KENWOOD AGAIN...
>
>ttfn fiz (KG0YG)

In reading your comments one thing came to mind " misery loves company".
I also bought a TM-241A and quickley found that the aircraft recieve band
had nothing on it! Well, I also have a TH-79A and compared the aircraft
band on that HT (which works great) to that on my TM-241A and to my
supprize the HT was picking up even weak ATIS signals from airports 10
miles away, while on the 241A I can be but a 1/4 mile away from a tower
and only then does the signal come in with any strength. Forget any
reception on the aircraft band on the 241A outside of a few miles. Why
Kenwood would make a great AM reciever in their HT's and not follow that
up on their mobile rigs to me just does not make since. At any rate I
have in the past bought HF rigs off Kenwood (and been very haapy) and now
I think their quality is slipping. As a P.I.T. (Pilot-In-Training) It
was a selling point for me on the 241A, (not a major one though) but I
guess the AM aircraft recieve on my HT will have to suffice.

73's

KA6MZE

960. Re: Kenwood TM-241A comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: 70172.2325@compuserve.com
Message-ID: <41ik7n$ioj@dub-news-svc-6.compuserve.com>
Source record: 213408

jacobymike@delphi.com wrote:

>
>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>How's the AM aircraft band reception? Looks like most places are selling
>this rig for $300 now.
>
> Thanks Mike N3MA Manassas, VA

I am a new ham and bought my first radio, a TM-241A, a couple months ago for my '93 Suburban. I can't really give a technical evaluation but I like it. It's easy to operate, works well, is very compact and looks good. There are areas, especially downtown, where intermod is pretty bad but other radios seem to have similar problems in those areas. I don't have a lot to compare the aircraft band reception to but it definately does work. I do have to open the squelch up to receive on the aircraft band.

I am thinking seriously about a TH-79A(D) next.

961. Kenwood TS-520S fixed frequency?????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: billv21572@aol.com
Message-ID: <41j2qa$qo5@newsbf02.news.aol.com>
Source record: 213409

Hey all,
I have a Kenwood TS-520S HF transceiver, and I see that it has a
4-position
switch for fixed-frequency operation - just plug in the crystal and you're
set. I'm almost ashamed to admit this, but I'm a closet shortwave
listener
too, and to get a crystal (using the calculations in the manual) set to a
sideband of, say, the BBC on 7,325 kHz would be truly the cats meow.
Anybody out there with Kenwood TS-520S fixed frequency experience, and
know of a source for crystals using an HC -25/U holder? Thanks a bunch.
Sincerely,
Bill

Bill Vanstralen KA9HLN St. Paul, MN (612)688-2552 billv21572@aol.com
"Opinions expressed carry no weight unless my wife tells me they do."

962. IC-737 schematics wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: bodo@ucsd.edu
Message-ID: <41j3kc$mgp@news2.ucsd.edu>
Source record: 213410

I am looking for a copy of the schematics of an IC-737 since the one for my rig got lost. Any kind of copy (several separate pages or any other way) will be appreciated. Thanks for reading this.

Bodo Pareigis (DJ4IZ)
1448 Faith Circle
Oceanside, CA 92054
email: bodo@desargues.ucsd.edu

963. Q:FDK mic pinout?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: berg@fynu.ucl.ac.be
Message-ID: <41hr8q$i6v@sci3.sri.ucl.ac.be>
Source record: 213411

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
* Guy Berger * Amateur radio : ON7ZV *
* Cyclotron Research Center * tel.: ++/32-10-47 32 25 *
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83 *
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU *
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be *
* Belgium * *
****

964. w1fb,rtty

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: daveb@buffnet.net
Message-ID: <41isdr$du6@buffnet2.buffnet.net>
Source record: 213412

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

965. IC765 250Hz filter ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: davew@cruzio.com
Message-ID: <DDty8A.BBv@cruzio.com>
Source record: 213413

```
--
Dave Wells KD6TO; INTERNET: davew@cruzio.com
Packet:KD6TO@K6LY.#CENCAL.CA.USA.NOAM; COMPUSERVE:74067,1755
(WA4UQQ Worldwide Amateur Radio Directory III KD6TO)
.
```

966. Anyone have experience with IC-730?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: butte.wbst129@xerox.com
Message-ID: <NEWTNews.809292994.14061.Pbutterf@butter-pc.eng.mc.xerox.com>
Source record: 213414

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

967. Re: K-com filters and Telephone RFI

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: mikeka@netcom.com
Message-ID: <mikekaDDu47C.72t@netcom.com>
Source record: 213415

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants (verticals/ dipoles) and found them to be wholly ineffective.

My $.02 ....

968. Re: Extended Rcv on FT51r?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: tigger@jcomm.uoregon.edu
Message-ID: <41h0g9$94n@maureen.teleport.com>
Source record: 213416

Someone posted here a few weeks ago a software mod for this radio using the software program that was written for it. He said that all you need to do is change the line allowanyfrequency=0 to allowanyfrequency=1 in the win.ini file (the line should be under a section toward the end of the file if you just installed the program). I haven't tried it on my radio yet, so I can't tell you if it works or not. Sounds like a much better way to mod your radio without cracking the case open. THe poster also said that the radio was completely deaf at the 800 and 900MHz range. I think it might be missing some parts for that.

Good luck

Max

969. Re: Yaesu Repair, USA phone # ?EE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: Ed@Ed
Message-ID: <DDtD3G.1839@bocanews.bocaraton.ibm.com>
Source record: 213417

The number I have for Yaesu is 800-255-9237

970. Re: Icom 775DSP or Yeasu FT-1000D?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug24.151952.5434@ke4zv.atl.ga.us>
Source record: 213418

In article <DDo4D1.GpD@hpqmoea.sqf.hp.com> dstock@hpqmdla.sqf.hp.com (David Stockton) writes:
> DSP
> **********
>
> Things are changing fast, but I'm looking for a converter that can
>digitise, say, a 15 kHz IF with *at least* 18 bits of true, reliable,
>dynamic range. Remember, digital systems don't degrade gracefully, they
>just hit endstops, hard, so you need to be very careful about overload
>margins. I would use such a converter in a receiver that had very little
>overall gain from the antenna to the converter. These have not yet
>emerged on the industrial/military market, and there would be a further
>delay before the price entered the amateur range, and new transceivers
>were designed around them. (not just stuck on the tail end, a full new
>design from scratch is needed)

Commercial flash converters that can handle HF are rarely over 8 bit resolution, and that's not nearly enough. A bit of clever scaling should let you parallel two of these to get 16 bits. But these converters are still in the $100 range, I think that may be the wrong approach.

A 1 bit flash converter working at HF is rather trivial, even in discretes. It seems to me that using a heavily oversampled 1 bit converter and decimation of the resulting bit stream should give us what we want without needing to wait for the chip makers to give us an integrated solution. Remember, we only have to sample at a multiple of the receiving *bandwidth*, and not at a mulitiple of the actual IF frequency because such sampling aliases down to baseband. Opinions?

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

971. Re: Repair Help on a Icom 251,mods also

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug24.152324.5513@ke4zv.atl.ga.us>
Source record: 213419

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F <kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

972. Re: Flashing display at resonance

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug24.155914.5790@ke4zv.atl.ga.us>
Source record: 213420

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.

The point where the coax attaches, however, can create an electrical imbalance because shield currents can flow on both the inside and outside of the shield at this connection point. This creates an imbalance with respect to the currents flowing in the inner conductor. A choke balun here (6 to 8 tight turns of the coax will do) will restore the balance by stopping currents from flowing on the outside of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause. A bilaterally symmetric antenna does not need a ground, virtual or real, in order to perform properly. It's usually wise to treat the brain tumor rather than just taking aspirn to suppress the pain. Reserve grounds, virtual or otherwise, for feeding asymmetric antennas like longwires. *They* need that current mirror to replace the other half of their symmetry. If you try to compensate for a hot shield with a balance wire, you are still screwing up the antenna's design radiation pattern since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

973. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug24.161154.5902@ke4zv.atl.ga.us>
Source record: 213421

In article <41aupj$4mt9@yuma.ACNS.ColoState.EDU> fiz <fiz@lamar.colostate.edu> writes:
>
>AND I WILL NEVER BUY A KENWOOD AGAIN...

You're learning. :-)

However, don't be so dogmatic, Kenwood may (insert miraculous intervention
of the Virgin here) get their act together with VHF/UHF rigs one day.
Remember, it wasn't that long ago when Yaesu couldn't build a HF rig,
now they're the top dog in that department. Changes can happen, so
keep your options open.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

974. Re: AEA Isopoles for 2 meters??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug24.162257.6014@ke4zv.atl.ga.us>
Source record: 213422

In article <41657n$sjq@sanews.uswc.uswest.com> "Dennis A. Mason" <damason> writes:
>i'm not sure about the isopole for 2 mtr's , but i had one for the 440
>and was not very impressed with it. i could hit repeaters with my
>rubber duck ant. better than the isopole ant.
>this is my experience with them.
>73 gud luck
>kd4gan

Something was wrong with that Isopole, or its feedline. The 440 Isopole
is a very well made antenna, and normally works quite well. (Of course
it doesn't have the gain of a big colinear, but what did you expect?
It should easily outperform a Ringo or a rubber duck.)

The 2m Isopole is a bit cheesier, you have to supply the mast part
yourself. If you put it together right, and get good electrical
connections to the mast you supply, it'll still beat a 2m Ringo
(of course nearly anything will).

Hmmm, it seems I'm damning the Isopoles with faint praise. Well, they
aren't the best antennas out there, and they aren't the cheapest antennas
for what they do, but still they aren't as bad as your experience would
indicate.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

975. Kenwood Repair Shop?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: Tim Wakeling KC7LMI <tim_w@efn.org>
Message-ID: <Pine.SUN.3.91.950824184548.16926B-100000@efn.org>
Source record: 213423

I have a Kenwood TH 215A 2 meter radio and need to get it repaired. Does anyone out there know of a good repair shop I can send this radio?

%****************************%
* Tim Wakeling [KC7LMI] *
* ------------------ *
* tim_w@efn.org *
%****************************%

976. Re: Someone wanted IC-2GXAT mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: Mclawson@intersource.com
Message-ID: <41gk7c$c51@ansel.intersource.com>
Source record: 213492

Thank you for the info!!!

In article <tcalof-2208951558320001@dial079.mbnet.mb.ca>,
tcalof@minet.gov.mb.ca says...
>
>Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here
are
>the ones I know about:
>
>IC-2GXAT mods:
> 1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same
time
>and turn radio ON. Or, cut diode D13 on logic unit.
> 2) Extended tx. Cut diode D14 on logic unit.
>I have done the keypad mod for extended rx and it works without any
mishap
>to the radio. 73/Terry VE4UC

977. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: acagle@sirinet.NET
Message-ID: <199508240301.AA17188@relay.interserv.com>
Source record: 213493

```
subscribe acagle@sirinet.net
```

978. Re: Icom IC-24AT help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: randyrho@drycas.club.cc.cmu.edu
Message-ID: <41guoe$e7l@nntp.club.cc.cmu.edu>
Source record: 213494

In Article <coanDDpvCz.Mq1@netcom.com>
coan@netcom.com (John Coan) writes:
>Gary, my BNC connector on this radio keeps coming loose ... and I took it
[snip]

Yep, my ICOM 24-ATs had the same problem. The way I fixed 'em was
to slightly mash the threads on the BNC where the spanner nut holds
the BNC to the case, then torque the nut down as tightly as possible.
Then re-solder the wire inside the case. I had intended to locktite
the BNC but haven't needed to. They are staying in place despite
repeated duckie removal and car antenna hooking. Even the briefcase
bend hasn't bothered them. It's been well over a year since I fixed
them and so far no trouble.
The biggest trouble I have now is the ^%$#@* power jack keeps failing.
73s
Randy

979. Re: Yaesu FT-51R review?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: tigger@jcomm.uoregon.edu
Message-ID: <41gvoo$94n@maureen.teleport.com>
Source record: 213495

I bought my mom a Yaesu FT-51R a couple of weeks ago (with her money of course). I have been using it a lot while she waits for her license to come. I can tell you that when her license does come, I may just have to go out and buy one for myself. PC programming is definately the way to go. There are a couple of features on it that I don't think are very necessary, like the spectrum scope. But on a whole, I would say that it's a very good radio.

980. Drake TR7 SSB receprtion bad

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: archive@flash.ATC.Olivetti.Com
Message-ID: <41i7ad$iki@olivea.ATC.Olivetti.Com>
Source record: 213496
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

[No readable article body recovered]

981. Re: 2m/70cm mobile: Kenwood TM-733A - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: jackg@xetron.com
Message-ID: <DDtG1p.1Bn@xetron.com>
Source record: 213497

In article <41g2hn$gkl@post.its.mcw.edu>, simont@post.its.mcw.edu says...
>
>Hi there,
>
>I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>was wondering what experiences people have had with this radio.

I have had SEVERE intermod problems with this radio and I would
NOT recommend buying one.

Jack, WB8BFS

982. Re: DSP Filter Advice??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: lmenzel@millcomm.com
Message-ID: <41i03h$gku@news.MillComm.COM>
Source record: 213498

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al
and see if you can get a better handle on this. I live in Minneapolis
and know the guys personally, and they will do what is necessary to make
you happy with their product.

Good Luck and 73

Larry N0CIB

983. Re: DSP Filter Advice??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <41i26h$eus@tivoli.tivoli.com>
Source record: 213499

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com writes:
|> I operate CW most of the time and am interested in either the Timewave 59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency
to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

984. Re: Kenwood TS850S VS Yaesu FT-990

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: tcalof@minet.gov.mb.ca
Message-ID: <tcalof-2408951159050001@dial025.mbnet.mb.ca>
Source record: 213500

> >850 can easily be turned up to 150 Watts; don't know about the 990. I've
> >been running mine at 150 for years, no problems.

100 W up to 150 W = 50 W gain = half of 3dB gain = what, 1/4 of an S unit?

Doesn't seem worth the aggravation to me. But then again, I guess I'm not
a CB'er. Terry VE4UC

985. Re: DSP Filter Advice??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-24 00:00:00 UTC
From: "Robert Redoutey"
Message-ID: <41ie1h$svv@giga.bga.com>
Source record: 213501

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com says:
>
>I operate CW most of the time and am interested in either the Timewave 59+
>or MFJ 784B. Any advice? The areas of most concern are:
>

I have the Timewave 9+, thier middle unit, and think its fantastic. Works
fine and really helps pull the weak ones out of the noise. Use it mostly on
CW. I have a Icom IC736 and have some noise from the receiver. When using
the Timewave unit, all noise in the background is gone. Nice clear signal
and nothing else. Computer is much happier receiving CW with it too!

I did try the Radio Shack, and was disapointed. Then again it was less than
half as much. You will be happy with the Timewave unit, which ever unit
you do buy.

Bob Redoutey
KF5KF
Round Rock, TX
redoutey@bga.com

986. X-tals supply house other then Jan Crystal ????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: cvb@iglou.com
Message-ID: <DDuBGD.AAD@iglou.com>
Source record: 213424

I have a radio that needs a crystal. I had a very good and quick supply house address and phone number but have lost it. Can anyone recommend a good quick supplier ??

Charlie AD4HH
cvb@iglou.com

987. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: jmusto@neca.com
Message-ID: <41j5qq$7qo@taurus.neca.com>
Source record: 213425

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,
>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it
>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You have a good case. You were told the radio would do something it will not. I had problems with K'Wood years ago. I kept on them until they gave me a refund and the radio was 1 years old! Don't take any bull from them.

988. Wanted: DG-5 digital display for TS-520SE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Message-ID: <DDuDM8.EMo@incyte.com>
Source record: 213426

Does anyone out there know where I can get a DG-5 digital frequency display for my TS-520SE? If someone wants to sell one please contact me at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

989. Re: Yaesu FT-51R review?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: KD4YU@cphillips.pdial.interpath.net
Message-ID: <41jl49$dn0@redstone.interpath.net>
Source record: 213427

lbutler@umcc.umcc.umich.edu (Les Butler) wrote:
>In article <418k8pINN9e9@hpsdlgd9.sdd.hp.com>,
>Craig Bosworth <craigb@sdd.hp.com> wrote:
>>If anyone has a Yaesu FT-51R, I'd love to hear from you about how you
>>like it. I am trying to decide between one of those and a used TH-78.

>I've had my Yaesu since Jan. and love it. It has great expanded receive
>broader than the Kenwood. It can be programmed via the PC unlike the
>Kenwood. RT systems sells the Windows based software for $40 with the
>cable. It also allows you to expand the receive even more.

After using the PC interface, what is it's receive frequency range?
(BTW, are you the "Les Butler" who shot the video of the plane crash
and wrote the article for MT?)

========= Opinions expressed are solely those of the author ==============
Curt Phillips, CEM KD4YU/AE (ex-WB4LHI) | "All good work is done
Engineering Proj Mgr, Industrial & Research | in defiance of management."
North Carolina Division of Energy | -- Bob Woodward
KD4YU@cphillips.pdial.interpath.net * cphillips@energy.commerce.state.nc.us

990. Re: Yaesu Repair, USA phone # ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <41jmf1$p6l@ixnews5.ix.netcom.com>
Source record: 213428

>find the phone for Yaesu. The # is 310-404-2700. Available 9-5 M-F
>Pacific time. Also besure to ask them to verify the sending zip code
for
>Cerritos. In my warranty info book it was listed as 90705. Two
>different Yaesu folks said it was 90703! So I don't know.
>
>Anyway, 73s and hope this is of some help.
>`73 de the one and only KE4CUK....
>From Somewhere in the Sticks in Coweta County, GA
>
>*** And as always.... Thank You for Shopping @ YOUR Newnan WAL*MART
***
>
>----
>Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
>Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
>Lilburn, GA 30247-7440

The Yaesu address is:

YAESU USA
17210 Edwards Rd.
Cerritos, CA 90703

(Please note, the new zip code is 90703)

73's

Kevin, WD6DIH

991. Re: Kenwood TS-520S opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: br206@freenet.buffalo.edu
Message-ID: <DDuoKC.Gzv@freenet.buffalo.edu>
Source record: 213429

I have a TS-520 and find it to be a great old radio. Yes the tuning is a little slow little slower but the radio punches out a clean signal. I have had many positive reports about the quality of my audio. The price of these oldtimers is great. You have nothing to lose! Buy the radio and have fun!

Greg Humphries VE4HUM

992. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <41jmrt$fag@news.halcyon.com>
Source record: 213430

In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>
>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>
>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>explicitely asked was, "Does this radio receive aircraft
>>>transmissions?"...The reply, "Yes it does"...To make a long story short,
>>>I hauled the radio around in my car trying to hear friends in
>>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>>be
>>>checked..."No problem found"...So I talked with a rep...The official
>>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it
>>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>>MICROWATTS...
>>>
>>>And it took them over a month to figure out my radio works fine...
>>>
>>>So, I plan to sell it to the first sucker I find and buy a new mobile
>
>Why stick someone else with it AND get LESS than you paid? Make
>Kenwood take it back. I'll give you some places to start:
>
>President - Bruce Tatsuta
>Service Manager - Joel Berger
>
>Good luck. Keep on them and they will give you your money back. You
>have a good case. You were told the radio would do something it will
>not. I had problems with K'Wood years ago. I kept on them until they
>gave me a refund and the radio was 1½ years old! Don't take any bull
>from them.
>
I'll tell you guys, if there is no published specification, or if the
preformance of the radio is not guaranteed outside of the Amateur Bands.
I think you do not have a leg to stand on here. Just because the radio may
not meet your requirements. If the RX sensitivity is 50 microvolts or
50 millivolts, it still does receive Aircraft A.M. There is no published
spec on just how far away you should be able to receive an Aircraft signal
from the actual source. You will need something more that "what it should be"
or " good engineering practice dictates " for proof. Many times bonuses are
thrown into radios, they do not have to be there.

Hopefully Hams will wake up someday and allow manufacturers to build radios designed for strict amateur operation, and buy scanners for the other purposes. You are giving away the amateur bands without knowing it here.

There are persons installing scramblers into amateur radios and using the amateur bands unlicensed. Sure it is illegel for scramblers to be installed, but who cares these days, not many amateurs seem to. Most Amateurs want D.C. to daylight radios and are not happy until the radio is modified and they can call to police in an emergency if the need arises. A strict amateur band only radio would not be as attractive to non amateurs. The non amateurs like the small size and frequency agility of the amateur radios. I once chatted with a fellow who used 2 small 440 MHz radios for communications with his plane. He was not licensed as an amateur. I told him it was illegal for him to operate in that frequency range, I got promptly told to mind my own business which I did. I have chatted with several persons like that fellow. I have even chatted with race car owners wanting to use the radios for race communications, light weight and small the amateur transceiver will work fine in a race car too.

I see many requests for mods for all the amateur transceivers here in usenet. I wonder just how many requesters are actually licensed ?

The point is There are many using amateur radios both with in the amateur bands and in the landmobile bands, most always unlicensed, all over the U.S.A. and the hams do not catch them either. The amateur radio is typically cheaper than the Land Mobile radio and the frequencies are more private. I am here to tell you amateurs are not the only people taking advantage of today's wide open amateur radios. These persons do not give a hoot for rules or licenses as business and safety are the first concerns.

These is no law that requires you to hold an Amateur license for purchasing an Amateur radio transceiver.

993. Re: Yaesu Repair, USA phone # ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: wdeegan@cpcug.org
Message-ID: <wdeegan.34.000D448D@cpcug.org>
Source record: 213431

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)
writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

994. Re: w1fb,rtty

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: geo@nando.net
Message-ID: <41kb46$i8i@parsifal.nando.net>
Source record: 213432

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

995. Re: K-com filters and Telephone RFI

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: dave@diusys.cms.udel.edu
Message-ID: <41kkm0$ej8@news.udel.edu>
Source record: 213433

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in the handset). This was a newer electronic model that had a volume level switch for rcvd audio. It picked up rf bad enough to hear it across the room. After installing a K-com at the handset rf could still be heard, but it was less than 1/2 as loud as the voice at the other end of the line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire for each side of the line. So it appears to be just a choke. I assume it has quite a bit more inductance than you could get by wrapping the cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits or
: just common mode ferrite chokes? If they are just ferrite, then they would
: appear to be a little pricey relative to the typical snap on ferrite chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB, 80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings up
: another question - how much ferrite at the back of the phone do you need to
: choke HF off a telephone line? I suspect that a single ferrite snap on choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

996. Re: ASTRON address needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: oops@msg.ti.com
Message-ID: <41kmlt$qfi@superb.csc.ti.com>
Source record: 213434

In <41ieef$1oi@scratchy.mi.net>, root@mi.net (Admin) writes:
>I'm looking to get in touch with Astron (the power supply
>people). Does anyone know where they are located?
>
Try this address:

Astron Corp.
9 Autry
Irvine, CA. 92718
(714) 458-7277
73 Mitchell
KC5MKW

Std. disclaimer: I speak only for myself.

>Thanks
>Derek
>
>--
>---
>Derek Billingsley VE9IS Maritime Internet Services Inc. info@mi.net
>Director, Network Services 28 King St., Saint John, NB gopher.mi.net
>Email: derekb@mi.net Tel: (506)-652-3624 http://www.mi.net

997. HEATHKIT HW 2036 (not A)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: holman@computek.net
Message-ID: <41kqj5$3ru@news.computek.net>
Source record: 213435

I understand the bandwidth of the 2036 was only capable of a preselected 2 mhz section of the band.
Heath later mad a mod and included it with their kits as the 2036A.
I understand this was evidently also available seperately.

Does ANYONE remember what this modification entailed . . . .
I have one of the earlier units in excellent condition and would like to be able to drop down low enough to hit the packet stations I'm use to.

Any help would be appreciated

Jimmie Holman - KC5KUH - holman@computek.net

998. Re: w1fb,rtty

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: barry@w2up.wells.com
Message-ID: <wNZDaD3w165w@w2up.wells.com>
Source record: 213436

daveb@buffnet.net (dave) writes:

> Interested in comments about w1fbs' contest program.
>
> Good / Bad ??
>
> thanks
>
> --- daveb ---

Fabulous! The only way to go for RTTY. BTW, there is an e-mail reflector
up to discuss the software and related subjects. 73 Barry

--
==========
Barry N. Kutner, W2UP Internet: barry@w2up.wells.com
Newtown, PA Packet Radio: W2UP @ WB3JOE.#EPA.PA.USA.NA
Packet Cluster: W2UP >WB2R (FRC)
.....

999. Heathkit HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: dave.dennett@grapevine.lrk.ar.us
Message-ID: <8AFD207.02C3000508.uuout@grapevine.lrk.ar.us>
Source record: 213437

I have a Heathkit dual band HT I want to use in my car. I have long since lost the manual.

Does anyone know if I can use a radio shack HTX202 12V adapter and speaker/mic with the Heathkit (Its got a 12V in plug on the side), or if the heathkit needs some special device to hook it to a car battery?

1000. 12V Nicad Batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: swdecato@nps.navy.mil
Message-ID: <41l46q$s27@nps.navy.mil>
Source record: 213438

I recently bought two 12V 1.4ah NICAD batteries from Radio Shack.
They were designed for a laptop computer but I figured with a
cigarette lighter plug I could use them on my HT. What type of
power supply (i.e. voltage and output amperage) should I use
for these batteries?

Thanks in advance.

steve
KA5DLB
swdecato@nps.navy.mil

1001. Re: Yaesu FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: vsgregg@crl.com
Message-ID: <41l56u$e9b@crl.crl.com>
Source record: 213439

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
: >quite a bit and consume more than the DC adapter is supplying to the battery,
: >eventually I can't transmit at all (I have to wait until the battery recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This

works best if you remove the belt clip and use a speaker mike. I know that this is unworkable for most folks, but it does work in a pinch. As long as you keep the radio dry, you can pull a lot of heat out of the radio in a few seconds.

Victor S. Gregg
KF4BUX

1002. Opinions - Alinco 610?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: greg@core.rose.hp.com
Message-ID: <DDvtBI.wA@icon.rose.hp.com>
Source record: 213440

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

1003. WANTED: 2m Gonset Comm. IV man/schem.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Aug25.135359.1@vax.sonoma.edu>
Source record: 213441

I'm looking for a manual/service manual/schematic for a 2 meter Gonset
Communicator IV. Photocopies would be fine, also. Please
email me with any offers.

Thank you and 73--
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

1004. Hum through cig plug

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: morganp@fn1.freenet.edmonton.ab.ca
Message-ID: <41lhju$7a9@news.sas.ab.ca>
Source record: 213442

When I operate my HTX-202 from my cig adapter I get a hum while
recieving, is there any way that i can fitler this out without putting in
a dirrect line to the battery?

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo---

1005. Re: Kenwood TM-241A comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: fiz <fiz@lamar.colostate.edu>
Message-ID: <41l1ip$2tld@yuma.ACNS.ColoState.EDU>
Source record: 213443

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

1006. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: fiz <fiz@lamar.colostate.edu>
Message-ID: <41l1uk$2tln@yuma.ACNS.ColoState.EDU>
Source record: 213444

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

1007. Re: Yaesu FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <41la1v$fmf@newsbf02.news.aol.com>
Source record: 213445

Victor; I am interested in buying a 51r but this (the radio reducing output power when it gets hot) has me a little concerned. How long do you have to be transmitting before this happens? Is it any worse/better than other handhelds? And I was hoping to use the EDC 12 adapter for mobile use ... but it sounds like you could not expect a full 5 watts out with it (even with the 5 watt battery). Is this right?
73's
Mike

1008. Re: X-tals supply house other then Jan Crystal ????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Message-ID: <Pine.SUN.3.90.950825125351.25614A-100000@snowwhite.bsrn2430.PacBell.COM>
Source record: 213446

On Fri, 25 Aug 1995, Charles V. Boehnlein wrote:

> I have a radio that needs a crystal. I had a very good and quick supply house address
> and phone number but have lost it. Can anyone recommend a good quick supplier ??
>
> Charlie AD4HH
> cvb@iglou.com
>
>
Charlie, I have bought crystals from a company called "MARDEN
Electronics" 1-800-222-6093. I have been happy with them. They were for a
Mocom 70 and its working fine. The cost was 10.00 but that price (4/94) was
for a 4 week wait. The faster you want them, the more they cost. also
International Crystal is a good company. (I don't have their Phone #
handy, Sorry. Our A repeater group back in Nashville used International
with good luck. 73's Dale (KD4CVR)

1009. What good is 6 Meters ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <41m0mj$ff3@newsbf02.news.aol.com>
Source record: 213447

I will be getting a kenwood ts-450s/at. I just saw that they have a version out with 6m capabilities. What good is 6m ? Is it just another 2m band, basically ? Is there some COMPELLING reason to spend the extra $200.00 or so ? I REALLY appreciate any help on this !

P.S Just joking about the tone at the beginning !

1010. Re: Filament voltages?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: Grant H Youngman <us007699@interramp.com>
Message-ID: <41jnc0$9uh@usenet1.interramp.com>
Source record: 213448

>JEFF SUMBERG (jeff.sumberg@sailboard.com) wrote:
>: I picked up the following transmitting tubes for "shelf duty" (curio items),
>: and I'd like to try to light the filaments. Could anyone supply the filament
>: voltages, and current drawn if you know, for the following tubes:
>: Eimac 100T
>: 6155
>: 4-65A

Seems a shame to take perfectly good tubes that someone could USE, and
turn them into curios :-)

Grant/NQ5T

1011. Re: K-com filters and Telephone RFI

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <41ll04$r0a@news.ccit.arizona.edu>
Source record: 213449

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan) writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants (verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases, partially effective in others.

Howard Lester KE7QJ

1012. Re: Anyone have experience with IC-730?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: Bill@halcyon.com
Message-ID: <NEWTNews.809399338.31614.bill@bill.halcyon.com>
Source record: 213450

In Article<NEWTNews.809292994.14061.Pbutterf@butter-pc.eng.mc.xerox.com>,
>
> I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
> Any recommendations?
> -Paul
> KB2TCG
>

I had one about 12 years ago. They are a good radio. Ham band only. Not
many features. I sure would NOT pay $500 for one today.

Bill

1013. Radio Shack 2m HT - Is it a good by for the price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-25 00:00:00 UTC
From: hdc@netmetro.com
Message-ID: <41jaih$n9c@ns1.usa1.com>
Source record: 213451

I would appreciate your comments on the Radio Shack 2m Handheld
transceiver.
I'm a rank beginner with my new tech licence, looking for my
first rig.

Is it a good buy for $260? I notice that they bundle in a few
options in the
price, that others don't. Is there a better choice in that
price range?

1014. E3030B tube

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: tvb@oleum.zso.dec.com
Message-ID: <41lrqj$q65@usenet.pa.dec.com>
Source record: 213352

Can anyone identify a surplus (transmitter?) tube I have:

It is 8" high and looks like a one quart glass fish bowl
with five 3/8" pins on top. The base is a massive hunk of
copper 1" thick and 5" in diameter (with 'gear teeth').
It appears to have two grids. The numbers on the tube
are: TOSHIBA E3030B(S) and 81162B [date code?].

What is it, and any guess on the filament voltage (and current)?

Thanks,
Tom

tvb@zso.dec.com

1015. Re: Kenwood TM-241A comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: steinr@holmes.ece.orst.edu
Message-ID: <41ls4u$16m@engr.orst.edu>
Source record: 213353

In article <41ik7n$ioj@dub-news-svc-6.compuserve.com>,
Bob Ingersoll <70172.2325@compuserve.com> wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA

The TM-241A does not have aircraft reception! Don't be fooled.

When modified, the display goes down to 118 MHz, but it only receives in
the FM mode, not AM. So aircraft can not be heard clearly.

Other than that, the radio is pretty good.
--

Ray Stein *** Oregon State University ***
steinr@ece.orst.edu *** Dept of Electrical Engineering ***
N7RET *** http://www.ece.orst.edu/~steinr ***

1016. Re: X-tals supply house other then Jan Crystal ????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: steinr@holmes.ece.orst.edu
Message-ID: <41lsi2$1bb@engr.orst.edu>
Source record: 213354

In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
wrote:

>I have a radio that needs a crystal. I had a very good and quick
>supply house address and phone number but have lost it. Can anyone
>recommend a good quick supplier ??
>
>Charlie AD4HH
>cvb@iglou.com

Bomar Crystal Company
201 Blackford Ave
Middlesex, NJ 08846
1-800-526-3935.

International and Sentry are two others, but I don't have the numbers.
--
____
Ray Stein *** Oregon State University ***
steinr@ece.orst.edu *** Dept of Electrical Engineering ***
N7RET *** http://www.ece.orst.edu/~steinr ***

1017. WANTED! Icom 2000H tx-mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: marks@fc.hp.com
Message-ID: <41m8q3$ed8@tadpole.fc.hp.com>
Source record: 213355

Does any body know how or if the IC-2000H is modifiable to Tx beyond the normal 140 - 150 mhz spread. Need to go up in freq.

Any info. would be greatly appreciated.

Mark Sheets
marks@triton.fc.hp.com
N0ERS

1018. HF Receiver Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDDwK44.DL4@netcom.com>
Source record: 213356

I was listening to a conversation on 75 meters the other day. These two guys were talking about the best HF transcievers on the market, and one of them made the point that a rig that had a build in AC power supply always had better sensistivity, dynamic range, etc. than a radio that required a 12- 15 volt external power supply.

Is there any basis to that? He seem to be making a fairly convincing argument, although, I thought both rigs require 13-15 vold dc, whether it comes from an internal ac supply that converts it to 13-15 dc, or simply a rig that takes the dc direct.

I think they were serious top gunners, talking about top of the line world class radios.

I would apprecaite hearing any technical comments about this.

Thanks and 73's.

Herb - KG6OK

--
herbr@netcom.com

1019. QSL cards

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: kb8rjy@arbornet.org
Message-ID: <41ntdp$6qv@nntp.atlanta.com>
Source record: 213357
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Check this out - QSL cards!

With your own custom graphics, and text...

only $5.95 for 50!...

Custom design your cards with up to 80 Characters of text, and Your
own scanned
graphic / or antenna graphic.

Just fill out the following form, and send with total (check or money
order) to:
Shaun Qualheim, KB8RJY

QSL cards

Dept. BBS

224 Cherry Creek Road

Marquette, MI 49855

(Print, and cut here:)

Order Form: QSL Cards

Front Text:

(up to 80 characters on front) - back will have standard QSL reply
fields.
Is a graphic/photo to be scanned included? (yes/no) ____

Do you wish to have the antenna included on your qsl card instead?
(yes/no) ____
Number of sets: (50 in a set, $5.95 a set) ____ times $5.95 = ____

Plus Shipping and handling: ($1.50 per set) ____ times $5.95 = ____

Plus Scanning fee ($1.00) ____

TOTAL (sets + s & h + scan fee)
=____

(cut here)

Thank You

Shaun Qualheim, kb8rjy

Internet: kb8rjy@m-net.arbornet.org

1020. Rx. Converter suppliers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: Andrew Naylor <anaylor@delphi.com>
Message-ID: <BdFCTH5.anaylor@delphi.com>
Source record: 213358

Does anybody have the names/numbers for suppliers of receive converters.
Thanks, Andrew
N0UJT

1021. IC-2700H MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: ak47@hkstar.com
Message-ID: <41mvra$9bc@bull.hkstar.net>
Source record: 213359

I would be nice if someone can tell me more about the MOD about ICOM IC-2700H.

Can we hear 800MHz up using Americal version IC-2700H.

I only knew the MODS on it's mini repeate function.

Thank you.

1022. Re: What good is 6 Meters ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <41n6jq$f4u@omnifest.uwm.edu>
Source record: 213360

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

1023. HAL P38-Clover comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <41n86e$dnh@newsbf02.news.aol.com>
Source record: 213361

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF? Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

1024. Linkcomm uploads ACC voice

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: timsaw@ibm.net
Message-ID: <41nc6k$cc8@news-s01.ny.us.ibm.net>
Source record: 213362

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded it but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

1025. Re: HF Receiver Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <41nd8r$et7@newsbf02.news.aol.com>
Source record: 213363

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The
location of the supply and what it plugs into have no effect on the
parameters mentioned.
I can think of threads of logic that may be distorted into forming that
conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

1026. FT530 programming

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: hillgen@er7.rutgers.edu
Message-ID: <41ne15$2kq@er7.rutgers.edu>
Source record: 213364

I have what may be a very unusual but interesting question. A few months ago,
I encountered a lot of talk about whether memory settings could be cloned from
one FT530 to another. I believe that the answer was yes and that it could be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come out with the
FT51R which is programmable (not just cloneable) through this plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

1027. Re: HF Receiver Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: doughall@nando.net
Message-ID: <41ni4j$7df@parsifal.nando.net>
Source record: 213365

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

1028. HELP ME PLEASE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: er12345@aol.com
Message-ID: <41nk05$gvo@newsbf02.news.aol.com>
Source record: 213366

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

1029. Re: HF Receiver Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: amnet@ix.netcom.com
Message-ID: <41nkhh$1js@ixnews5.ix.netcom.com>
Source record: 213367

>
>>I was listening to a conversation on 75 meters the other day. These
two
>>guys were talking about the best HF transcievers on the market, and
one
>>of them made the point that a rig that had a build in AC power supply

>>always had better sensistivity, dynamic range, etc. than a radio that

>>required a 12- 15 volt external power supply.
>
>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming
that
>conclusion, but it is a giant leap.
>
>You hear a lot of strange stuff if you listen long enough.
>
>73 Tom

One reason I can think of for that being true, is that most internal
power supplies are better built by the manufacturers than a cheap
external power supply a user may use in some cases. If you use a good
quality external power supply, then the should be no difference in
reception.

andres - YV5-KRI

1030. Does anyone know of where I can get a battery cover plate for HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: morganp@fn1.freenet.edmonton.ab.ca
Message-ID: <41nnas$cqs@news.sas.ab.ca>
Source record: 213368

I would like a battery connection cover plate for my HTX-202 because when I operate from external power I'm supposed to take the battery pack off but that leaves the battery connectors to possibly get damaged, any ideas?

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo----------

1031. mfj-8621 packet radio probs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: billv@olympus.net
Message-ID: <billv.221.000A6A57@olympus.net>
Source record: 213369

I just received an mfj-8621 packet data radio (after waiting 8 months) I put new factory xtals in it and retuned the unit. After checking it with my service monitor I discovered that upon tx key the freq drifted from about 2k away to an onfrequency condition but it took aprx a second for it to do so.

I am delaying the tx key for that amount of time but it seems to negate the fast diode switching. It has no heater for the xtal but I have worked on many radios with no oven that did not do this. Any suggestions for a fix.

1032. REJECTED: Ham-Equip Digest V95 #360

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9508261839.AI00036@rtp41.rtp.dg.com>
Source record: 213370

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is followed with regard to the antenna and the balanced line section. The point where the coax attaches, however, can create an electrical imbalance because shield currents can flow on both the inside and outside of the shield at this connection point. This creates an imbalance with respect to the currents flowing in the inner conductor. A choke balun here (6 to 8 tight turns of the coax will do) will restore the balance by stopping currents from flowing on the outside of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause. A bilaterally symmetric antenna does not need a ground, virtual or real, in order to perform properly. It's usually wise to treat the brain tumor rather than just taking aspirn to suppress the pain. Reserve grounds, virtual or otherwise, for feeding asymmetric antennas like longwires. *They* need that current mirror to replace the other half of their symmetry. If you try to compensate for a hot shield with a balance wire, you are still screwing up the antenna's design radiation pattern since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but you
must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF? Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The location of the supply and what it plugs into have no effect on the parameters mentioned.
I can think of threads of logic that may be distorted into forming that conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>

>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It
might be a bit bigger than the 811A tube, I don't know. If it will
fit, is it electrically near the 811A? What is the result, more power?
More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based
811A as opposed to the bakelite based ones? I see RF parts advertise
the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore
power out but they will last forever. Collins recommends that
you change out one of the one of the caps in the 30L-1 for
best operation with a 572B but I've tried them with a stock
unit and it seemed to work fine. If your really interested in
this mod I can dig through my stuff and tell you which cap to
change.

As far as the ceramic based 811A, I've used bakelite 811 and
811A tubes for years and have never found any problems. I
wouldn't spend any extra for a ceramic base but if its the same
price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the accuracy of this wattmeter at less than 5 watts. I have both QRP and regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP level is most important. Or...do I need to get a QRP wattmeter (I understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al and see if you can get a better handle on this. I live in Minneapolis and know the guys personally, and they will do what is necessary to make you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan)
writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>

>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they
gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU

```
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
**********************************************************************
**
```

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset Communicator IV. Photocopies would be fine, also. Please email me with any offers.

Thank you and 73--
Ken

--

```
_____________________________________________________________________________
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency display for my TS-520SE? If someone wants to sell one please contact me at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
: >quite a bit and consume more than the DC adapter is supplying to the battery,
: >eventually I can't transmit at all (I have to wait until the battery recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six
Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to
your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

1033. Re: Midland CB

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: stephen.king@kandy.com
Message-ID: <8AFE23A.09F1001D4D.uuout@kandy.com>
Source record: 213371

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

 QMPro 1.53 stephen_king@bbs.fullcoll.edu

1034. Re: Kenwood uses false advertising? N

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: stephen.king@kandy.com
Message-ID: <8AFE25D.09F1001D4E.uuout@kandy.com>
Source record: 213372

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

1035. Re: MAIL ORDER EQUIPMENT SOUR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: stephen.king@kandy.com
Message-ID: <8AFE262.09F1001D4F.uuout@kandy.com>
Source record: 213373

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

&#65533; QMPro 1.53 &#65533; sking1@ix.netcom.com

1036. REJECTED: Ham-Equip Digest V95 #359

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9508261553.AE00021@rtp41.rtp.dg.com>
Source record: 213374

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

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572B tube in Collins 30L1 ??? (2 msgs)
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Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)

Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It
might be a bit bigger than the 811A tube, I don't know. If it will
fit, is it electrically near the 811A? What is the result, more power?
More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based
811A as opposed to the bakelite based ones? I see RF parts advertise
the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore
power out but they will last forever. Collins recommends that
you change out one of the one of the caps in the 30L-1 for
best operation with a 572B but I've tried them with a stock
unit and it seemed to work fine. If your really interested in
this mod I can dig through my stuff and tell you which cap to
change.

As far as the ceramic based 811A, I've used bakelite 811 and
811A tubes for years and have never found any problems. I
wouldn't spend any extra for a ceramic base but if its the same

price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the accuracy of this wattmeter at less than 5 watts. I have both QRP and regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP level is most important. Or...do I need to get a QRP wattmeter (I understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al
and see if you can get a better handle on this. I live in Minneapolis
and know the guys personally, and they will do what is necessary to make
you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan)
writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to

>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they
gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are
the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time
and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap
to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset
Communicator IV. Photocopies would be fine, also. Please
email me with any offers.

Thank you and 73--
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency
display for my TS-520SE? If someone wants to sell one please contact me
at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike
connector if grounded will start the VCO incrementing and a 1K ohm
resistor across the pin to ground will start the VCO decrementing, or visa
versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have
encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I
chat quite
: >quite a bit and consume more than the DC adapter is supplying to the
battery,
: >eventually I can't transmit at all (I have to wait until the battery
~~~~~~

recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle
charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)

Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

1037. Re: Yaesu Repair, USA phone # ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: mccarthy@srv1.freenet.calgary.ab.ca
Message-ID: <41nuht$hbe@ds2.acs.ucalgary.ca>
Source record: 213375

Patrick Davis (patrick.davis@totrbbs.radio.org) wrote:
: JIM, Glad to help. I had to send in my FT-530 and it took me a while to
: find the phone for Yaesu. The # is 310-404-2700. Available 9-5 M-F
: Pacific time. Also besure to ask them to verify the sending zip code for
: Cerritos. In my warranty info book it was listed as 90705. Two
: different Yaesu folks said it was 90703! So I don't know.

: Anyway, 73s and hope this is of some help.
: `73 de the one and only KE4CUK....
: From Somewhere in the Sticks in Coweta County, GA

My Yaesu Operation Manual states the zip code as 90701

but the warranty card says 90703 so take your pick.

Yaesu's phone number is on the bottom of most of there magazine ads.

1038. Re: What good is 6 Meters ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: lyndon@orthanc.com
Message-ID: <41nm2a$i7p@multivac.orthanc.com>
Source record: 213376

buddy10@aol.com (BUDDY10) writes:

>What good is 6m ? Is it just another
>2m band, basically ? Is there some COMPELLING reason to spend the extra
>$200.00 or so ? I REALLY appreciate any help on this !

6m is an interesting band. It combines elements of HF and VHF. You can ragchew on FM (although repeaters on this band are not as numerous as on 2m or 440). You can also chase DX like crazy - even at the bottom of the sunspot cycle. For example, during May and June of this year 6m saw some fantastic sporadic E layer propagation that had the east coast working Europe, the west coast working Hawaii, etc. For Es openings you can work 'em with 10 watts into a vertical.

When the sunspot cycle picks up the MUF will often rise above 50 MHz allowing for DX openings just like you see on the HF bands.

If you can afford the extra couple of hundred dollars by all means pick up the TS-690. 6m can be a lot of fun.

--lyndon (going nuts without any 6m gear ...)

--
Orthanc Systems: Internet and UNIX consulting
----
lyndon@orthanc.com || canada!lyndon || Fax: +1 604 561 2067
For Amateur Radio information visit http://ve7tcp.ampr.org/

1039. Re: HF Receiver Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <41o1pj$l3t@newsbf02.news.aol.com>
Source record: 213377

>One reason I can think of for that being true, is that most internal
>power supplies are better built by the manufacturers than a cheap
>external power supply a user may use in some cases. If you use a good
>quality external power supply, then the should be no difference in
>reception.

I think this may help on transmitting, but the original post was concerning receiver performance. There can be absolutely no difference in a well designed receiver's performance. It is not necessary to run more than 12 volts on the receiver.

OTOH, the higher voltage will help a bit on transmitting in some cases.Better devices are available.

73 Tom

1040. Re: Comments on Tandy HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: cstimson@hookup.net
Message-ID: <41o3nc$b7c@noc.tor.hookup.net>
Source record: 213378

hartman@crl.com (Jeffrey Hartman) wrote:

>Can anyone offer me any constructive criticism or compliments regarding
>the Radio Shack HTX-212 2m mobile? Also it is important to me that it
>can be modified for up to 174 TX. I understand that there is a key-pad
>combination to allow it to RX up to that freq. but I would like to know
>if and how it can TX.
>Thanks, Jeff

Hi Jeff,

I recently purchased a HTX-212 and I am quite happy with it's
performance. The front end is relativly tight, it does a pretty good
job with intermod rejection. Since the rig has both CTCSS decode and
encode any intermod isn't a problem anyways. The controls are similar
to other comparable rigs. The mic also has buttons for the most common
functions. You are able to enter a frequency from the DTMF pad in VFO
or a memory location when your in that mode. Nobody has had any
negative comments about the transmitt quality.

There is a review in the July issue of 73 Amateur Radio Today. If you
get the oportunity, check it out.

At this point I have not seen any mods for tx up to 174 Mhz. I would
be interested to find out about any myself. If the 212 is anything
like it's ht "little brother" the 202 we might be out of luck.

73 de Craig
++
+ Craig Stimson +
+ E-mail: cstimson@hookup.net +
+ AX.25 : VA3DCS@VE3ZRD.#SCON.ON.CA.NA +
++

1041. Where can I get a gel cell battery?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: morganp@fn1.freenet.edmonton.ab.ca
Message-ID: <41o4ke$doi@news.sas.ab.ca>
Source record: 213379

I have been looking for a gell cell battery but i cannot find one, any
suggestions on where to get one?

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo---

1042. Re: Need info on Kenwood TS 850 (converter functions)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: sking1@ix.netcom.com
Message-ID: <41o4jr$ra4@ixnews6.ix.netcom.com>
Source record: 213380

Terry Dobler KJ7F <kj7f@micron.net> wrote:

(deleted)

> All this does is change the display frequency to the 50, 144
>430 MHz. The radio still works on the original frequencies.
>To my knowledge Kenwood does not make a transverter. If you
>are interested you might look into the line of transverters by
>Down East Microwave. In addition to the transverter an minor
>wiring change is required inside the radio for it to work with
>a transverter, that change is outlined in the owners manual.

Could you post their address or 800 number is you have it?
Thanks

1043. REJECTED: Ham-Equip Digest V95 #361

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9508262153.AD00021@rtp41.rtp.dg.com>
Source record: 213381

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com writes:
|> I operate CW most of the time and am interested in either the Timewave 59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency
to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.

>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

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policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless

there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern
since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the >hamfest being held this year. If so, could someone please send me the dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but you
must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist

me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF? Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The location of the supply and what it plugs into have no effect on the parameters mentioned.
I can think of threads of logic that may be distorted into forming that conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)

Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the

>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It
might be a bit bigger than the 811A tube, I don't know. If it will
fit, is it electrically near the 811A? What is the result, more power?
More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based
811A as opposed to the bakelite based ones? I see RF parts advertise
the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore
power out but they will last forever. Collins recommends that
you change out one of the one of the caps in the 30L-1 for
best operation with a 572B but I've tried them with a stock
unit and it seemed to work fine. If your really interested in

this mod I can dig through my stuff and tell you which cap to change.

As far as the ceramic based 811A, I've used bakelite 811 and 811A tubes for years and have never found any problems. I wouldn't spend any extra for a ceramic base but if its the same price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the accuracy of this wattmeter at less than 5 watts. I have both QRP and regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP level is most important. Or...do I need to get a QRP wattmeter (I understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al
and see if you can get a better handle on this. I live in Minneapolis
and know the guys personally, and they will do what is necessary to make
you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan)
writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft

>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they
gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are
the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time
and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap
to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)

Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset Communicator IV. Photocopies would be fine, also. Please email me with any offers.

Thank you and 73--
Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency display for my TS-520SE? If someone wants to sell one please contact me at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:
~~~~~

: >I just purchased a Yaesu FT51R. I am very happy with it but have
encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I
chat quite
: >quite a bit and consume more than the DC adapter is supplying to the
battery,
: >eventually I can't transmit at all (I have to wait until the battery
recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle
charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)
Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

1044. Re: HF Receiver Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: mcduffie@unlinfo.unl.edu
Message-ID: <41o5vq$3l7@crcnis3.unl.edu>
Source record: 213382

amnet@ix.netcom.com (ANDRES MARTINEZ) writes:

>>>These two
>>>guys were talking about the best HF transcievers on the market, and
>>>one of them made the point that a rig that had a build in AC power supply
>>>always had better sensistivity, dynamic range, etc. than a radio that
>>>required a 12- 15 volt external power supply.

~~~ deleted text

>One reason I can think of for that being true, is that most internal
>power supplies are better built by the manufacturers than a cheap
>external power supply a user may use in some cases. If you use a good
>quality external power supply, then the should be no difference in
>reception.

I don't buy this. Have you ever looked inside the supplies that come
from Kenwood or Yaesu? They don't have current limiting or OVP in them
at all. They don't even put an MOV on the primary in most cases. They
are a bare bones power supply. Most people who opt to buy someone else's
supply end up with an Astron or something similar. They have much better
protection than the factory supplies.

Gary
~~~

1045. Re: FT530 programming

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DDxxvM.3vq@world.std.com>
Source record: 213383

hillgen@er7.rutgers.edu (the one) wrote:

:>Recently, Yaesu has come out with the FT51R which is programmable
:>(not just cloneable) through this plug.
:>An I correct in assuming that the 51 programming software would work on the
:>530? What do you think?

530 is not clonable (I have one) nor is it programmable with the 51
programming software...

As far as I know...

73 de

Jim Martin, WK1V	I speak for no one...Not
Lowell, Massachusetts	even for myself!
USAF (Ret)ained	#include "std_disclaimer.h"
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	Intentionally Left Blank

1046. Re: 2 Meter + Business VHF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: Cedric Brown <72401.2427@CompuServe.COM>
Message-ID: <41mhk2$297$1@mhadf.production.compuserve.com>
Source record: 213384

The question is: Are there any radios that can do 2m FM and High Band commercial?

The Bendix/King and other were mentioned. Add to this the Motorola Saber handheld.These can be found on the used market. It helps if you have a source inside of Motorola. If you want a mobile try a Motorola Syntor, and if you what complete frequency agility as opposed to a prom-bound radio you need to get yourself an Anaconda control head for the Sytor, I don't have the address handy but I will post it later.

Cedric

1047. w1fb,rtty

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: rrk@indirect.com
Message-ID: <41obn3$q20@globe.indirect.com>
Source record: 213385

> daveb@buffnet.net (dave) writes:
> Interested in comments about w1fbs' contest program.
>
> Good / Bad ??
>
> thanks
>
> --- daveb ---
>
>>>>

Without a doubt, the best RTTY contest program available. You won't go wrong or regret getting and using this program. Count me among the many satisfied users.

Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | is a fault in reality.
Phoenix, AZ email: rrk@indirect.com |

1048. Re: Where can I get a gel cell battery?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: mjclark@delphi.com
Message-ID: <h-GjDD3.mjclark@delphi.com>
Source record: 213386

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo--

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show
indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

1049. Re: KENWOOD RELIABILITY

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: sefranek@iii2.iii.net
Message-ID: <41oc2c$c12@iii2.iii.net>
Source record: 213387

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO glue. I fixed my own, the rest sent them in for repair. One has been repaired in other ways, but that's because N1JWR won't take the time to get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

1050. Equipment donations appreciated

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: rfs@usa.net
Message-ID: <rfs.2.0012EDCD@usa.net>
Source record: 213388

I have recently introduced a number of students, by way of a short class, to amateur radio. The response by them was very positive and I have made one of my goals for this next semester to get a station going for them at the school. Equipment donation of any sort would be very helpful.

The school is called the Challenge School and is a charter school for the Cherry Creek School district located in southeast Aurora, Colorado. It emphasizes education in the sciences and a station would fit right in with not only their curriculum but the interest expressed by many students I have spoken with. The grades of focus are 3rd to 8th, with middle school grades (6,7,8) being where the most interest has been.

For myself, this is a first experience, and am very much looking forward to following thru on this if I can get the needed gear. Unfortunately, there is not any current funding for it so donations is the way to go.

If you have any donations, I will provide you with a receipt clearly indicating the schools appreciation and the approximate value if you would like for tax deductibility. Please enclose the estimated value of the equipment if you have any idea. This station is starting from zero, so anything would be great and we are very much hoping someone has a tranceiver which they would like to pass along to a very curious bunch of kids!

Thanx much,

Rich Scheuerer, K0ZX aka rfs@usa.net
18156 East Baker Place
Aurora, Colorado 80013-5406

Any questions or suggestions, buzz me @ 303-751-1169

1051. Re: HF Receiver Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <41oh5o$pov@newsbf02.news.aol.com>
Source record: 213389

>I don't buy this. Have you ever looked inside the supplies that come
>from Kenwood or Yaesu? They don't have current limiting or OVP in them
>at all. They don't even put an MOV on the primary in most cases. They
>are a bare bones power supply. Most people who opt to buy someone else's
>supply end up with an Astron or something similar. They have much better
>protection than the factory supplies.

>Gary

Yes Gary, but the original question was would an internal power supply
improve the RECEIVERS dynamic range, noise floor, etc.

I sure think the correct answer to that question was NO.

1052. REJECTED: Ham-Equip Digest V95 #362

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9508270158.AK00037@rtp41.rtp.dg.com>
Source record: 213390

```
----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.
------------------------------------------------------------------------

Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

------------------------------

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?
```

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?

-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com writes:
|> I operate CW most of the time and am interested in either the Timewave 59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency
to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one

>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?

Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed

with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern
since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard
Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but
you
must pick up at my convenience in St. Louis County MO. No documentation at
all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF
stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail
mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF? Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The location of the supply and what it plugs into have no effect on the parameters mentioned.
I can think of threads of logic that may be distorted into forming that conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It
might be a bit bigger than the 811A tube, I don't know. If it will
fit, is it electrically near the 811A? What is the result, more power?
More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based
811A as opposed to the bakelite based ones? I see RF parts advertise
the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore power out but they will last forever. Collins recommends that you change out one of the one of the caps in the 30L-1 for best operation with a 572B but I've tried them with a stock unit and it seemed to work fine. If your really interested in this mod I can dig through my stuff and tell you which cap to change.

As far as the ceramic based 811A, I've used bakelite 811 and 811A tubes for years and have never found any problems. I wouldn't spend any extra for a ceramic base but if its the same price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the accuracy of this wattmeter at less than 5 watts. I have both QRP and regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP level is most important. Or...do I need to get a QRP wattmeter (I understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al
and see if you can get a better handle on this. I live in Minneapolis
and know the guys personally, and they will do what is necessary to make
you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan)
writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they
gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are
the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time
and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap
to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset
Communicator IV. Photocopies would be fine, also. Please
email me with any offers.

Thank you and 73--
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency
display for my TS-520SE? If someone wants to sell one please contact me
at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike
connector if grounded will start the VCO incrementing and a 1K ohm
resistor across the pin to ground will start the VCO decrementing, or visa
versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R
~~~~~~

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have
encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I
chat quite
: >quite a bit and consume more than the DC adapter is supplying to the
battery,
: >eventually I can't transmit at all (I have to wait until the battery
recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle
charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.

As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
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Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six
Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to
your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF
vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)
Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
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End of Ham-Equip Digest V95 #362
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1053. C508A mod for cell

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: cmassey@onramp.net
Message-ID: <cmassey-2608952256540001@dal32.onramp.net>
Source record: 213391

I've read it can be done...I've seen a radio that has been modded but the guy had it done by someone else and know NADA about it...so can the cute little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters, it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

1054. Re: What good is 6 Meters ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: cmassey@onramp.net
Message-ID: <cmassey-2608952254060001@dal32.onramp.net>
Source record: 213392

In article <41m0mj$ff3@newsbf02.news.aol.com>, buddy10@aol.com (BUDDY10) wrote:

> I will be getting a kenwood ts-450s/at. I just saw that they have a
> version out with 6m capabilities. What good is 6m ? Is it just another
> 2m band, basically ? Is there some COMPELLING reason to spend the extra
> $200.00 or so ? I REALLY appreciate any help on this !
>
> P.S Just joking about the tone at the beginning !

Read the Sept. QST VHF report by Emil and you will get a great idea of
what can happen on 6 mtrs...and lot's of stations are low power and modest
antennas...but to enjoy 6 you must learn to listen, listen, listen...but
once e skip fever hits you will never be the same...

cleve...wd5bor

(with a new TS-60 and wanting another for the truck)

1055. Re: battery cover plate for HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-26 00:00:00 UTC
From: pklein@news.seattleu.edu
Message-ID: <41p0ga$p2c@bach.seattleu.edu>
Source record: 213393

In article <41nnas$cqs@news.sas.ab.ca>,
<morganp@fn1.freenet.edmonton.ab.ca> wrote:

>I would like a battery connection cover plate for my HTX-202 because when
>I operate from external power I'm supposed to take the battery pack off
>but that leaves the battery connectors to possibly get damaged, any
>ideas?

Cut up an expired credit card, or better yet, some other, thinner, plastic
card. I used last years' membership card for the Seattle zoo (perhaps as
a comment on the state of 2 meters, but anyway. . .) Trim it so that it
will just slide into the metal rails at the top of the battery and cover
the contacts.

Don't use cardboard, as it will shed fibers and could gunk things up.

ICOM batteries for the 02-AT and 2-AT (same style as your HTX-202's) came
with a just such a rectangular plastic cover.

73, Peter - KD7MW
--
Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
Information Services : | | | | | | | |
Seattle University : @| @| @| @| @| @| @| @|

1056. Wanted: Pye Pocket Phone 70 or aerials for same

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: jmaples@popmail.dircon.co.uk
Message-ID: <41peph$2rk@newsgate.dircon.co.uk>
Source record: 213302

Can anyone suggest a good shop or magazine n the UK where this old radio might be found?

1057. Wanted: A good s/h radio shop in the UK

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: jmaples@popmail.dircon.co.uk
Message-ID: <41pepj$2rk@newsgate.dircon.co.uk>
Source record: 213303

[No readable article body recovered]

1058. REJECTED: Ham-Equip Digest V95 #365

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9508271208.AK00036@rtp41.rtp.dg.com>
Source record: 213304

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #365
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 365

Today's Topics:
572B tube in Collins 30L1 ???
HF Receiver Question? (2 msgs)
REJECTED: Ham-Equip Digest V95 #364
Several Items
Yaesu FT51R

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 95 05:17:40 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: 572B tube in Collins 30L1 ???

dsnowden@ccd.harris.com (Doug Snowden) wrote:

>Subject says it. Will the 572B tube fit in the 30L1? Physically? It
>might be a bit bigger than the 811A tube, I don't know. If it will
>fit, is it electrically near the 811A? What is the result, more
>power? More reliablity? Or a waste of money?

The 572B is virtually identical to the 811A but with a much greater
plate dissipation (160W VS 65W). Unfortunately, in order to make use
of that additional dissipation, you need to raise the plate

supply to about 2500V. Personally, I wouldn't spend the extra money
as replacements for the Collins.

>Along the same line, what is the advantage of using a ceramic based
>811A as opposed to the bakelite based ones? I see RF parts advertise
>the ceramic based ones at quite a bit more money..

I'm not aware of any advantages offered by the ceramis base, but maybe
there's another reason for the price difference. Wonder if the
ceramics are U.S. made?

73,

Jack WB3U

Date: 26 Aug 1995 21:18:48 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I don't buy this. Have you ever looked inside the supplies that come
>from Kenwood or Yaesu? They don't have current limiting or OVP in them
>at all. They don't even put an MOV on the primary in most cases. They
>are a bare bones power supply. Most people who opt to buy someone else's
>supply end up with an Astron or something similar. They have much better
>protection than the factory supplies.

>Gary

Yes Gary, but the original question was would an internal power supply
improve the RECEIVERS dynamic range, noise floor, etc.

I sure think the correct answer to that question was NO.

Date: 26 Aug 1995 17:10:09 GMT
From: amnet@ix.netcom.com (ANDRES MARTINEZ)
Subject: HF Receiver Question?

>
>>I was listening to a conversation on 75 meters the other day. These
two
>>guys were talking about the best HF transcievers on the market, and
one
>>of them made the point that a rig that had a build in AC power supply

>>always had better sensistivity, dynamic range, etc. than a radio that

>>required a 12- 15 volt external power supply.
>
>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.

>I can think of threads of logic that may be distorted into forming
that
>conclusion, but it is a giant leap.
>
>You hear a lot of strange stuff if you listen long enough.
>
>73 Tom

One reason I can think of for that being true, is that most internal
power supplies are better built by the manufacturers than a cheap
external power supply a user may use in some cases. If you use a good
quality external power supply, then the should be no difference in
reception.

andres - YV5-KRI

Date: 27 Aug 95 04:23:10 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #364

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #364
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 364

Today's Topics:
Icom R-7000 problem
REJECTED: Ham-Equip Digest V95 #363

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 1995 03:50:53 GMT
From: <token@owens.ridgecrest.ca.us>

Subject: Icom R-7000 problem

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered
>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the
>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

Date: 27 Aug 95 00:33:08 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #363

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #363
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR

Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

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policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)
Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months
ago,
I encountered a lot of talk about whether memory settings could be cloned
from
one FT530 to another. I believe that the answer was yes and that it could
be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come
out with the FT51R which is programmable (not just cloneable) through this
plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level
switch for rcvd audio. It picked up rf bad enough to hear it across the
room. After installing a K-com at the handset rf could still be heard,
but it was less than 1/2 as loud as the voice at the other end of the
line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire
for each side of the line. So it appears to be just a choke. I assume
it has quite a bit more inductance than you could get by wrapping the
cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to
an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits
or
: just common mode ferrite chokes? If they are just ferrite, then they
would
: appear to be a little pricey relative to the typical snap on ferrite
chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
: another question - how much ferrite at the back of the phone do you need
to
: choke HF off a telephone line? I suspect that a single ferrite snap on
choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295

: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or
just common mode ferrite chokes? If they are just ferrite, then they would

appear to be a little pricey relative to the typical snap on ferrite chokes
which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
- 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
another question - how much ferrite at the back of the phone do you need to
choke HF off a telephone line? I suspect that a single ferrite snap on
choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken
N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO
glue. I fixed my own, the rest sent them in for repair. One has been
repaired in other ways, but that's because N1JWR won't take the time to
get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to
carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now
the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for
the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another
need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've
been Dxing. If this only had side band I would be totally happy. I run
it on a Diamond J-130 discone and i can get out and around very well.
i don't use it much for the AM air craft band, but i do listen to the
railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led
remains on in TX and RX. There is no indication on S-meter in TX, and I
suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested in your Tm-241. I am not interested in aircraft reception, so it may just fit my needs. What are you asking for it, and what (if anything) else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less) range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model 77-112. I have looked everywhere but can't find any paper work for it. If anyone has the user manual and/or installation manual for this CB please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU

To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded
it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com
writes:
|> I operate CW most of the time and am interested in either the Timewave

59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency
to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.

>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless

there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern
since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the >hamfest being held this year. If so, could someone please send me the dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but you
must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist

me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF? Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The location of the supply and what it plugs into have no effect on the parameters mentioned.
I can think of threads of logic that may be distorted into forming that conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)

Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the

>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It
might be a bit bigger than the 811A tube, I don't know. If it will
fit, is it electrically near the 811A? What is the result, more power?
More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based
811A as opposed to the bakelite based ones? I see RF parts advertise
the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore
power out but they will last forever. Collins recommends that
you change out one of the one of the caps in the 30L-1 for
best operation with a 572B but I've tried them with a stock
unit and it seemed to work fine. If your really interested in

this mod I can dig through my stuff and tell you which cap to change.

As far as the ceramic based 811A, I've used bakelite 811 and 811A tubes for years and have never found any problems. I wouldn't spend any extra for a ceramic base but if its the same price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the accuracy of this wattmeter at less than 5 watts. I have both QRP and regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP level is most important. Or...do I need to get a QRP wattmeter (I understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al
and see if you can get a better handle on this. I live in Minneapolis
and know the guys personally, and they will do what is necessary to make
you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan)
writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft

>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they
gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are
the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time
and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap
to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)

Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset Communicator IV. Photocopies would be fine, also. Please email me with any offers.

Thank you and 73--
Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency display for my TS-520SE? If someone wants to sell one please contact me at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:
~~~~~

: >I just purchased a Yaesu FT51R. I am very happy with it but have
encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I
chat quite
: >quite a bit and consume more than the DC adapter is supplying to the
battery,
: >eventually I can't transmit at all (I have to wait until the battery
recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle
charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)
Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct
in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo--

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show
indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs
in the back into a 3 or 4 pin socket. If you have one of these lying
around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad
that I could use into the mic, but I would rather have a plug in unit
if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
****

End of Ham-Equip Digest V95 #364
****

Date: 23 Aug 1995 18:06:27 GMT
From: rasta@stlucia.net (Paul O'Connor)
Subject: Several Items

Timewave DSP 9+ $200.00
KW SM 230 Scope Box Manuals etc.$650.00
MFJ-989C 3K Tuner (new industor coil) $200.00
Hayes Optima 14.4 Modem..............$150.00
Yaesu MD-1 c8 Mic (never used).........$75.00

Call 717-232-2015 if interested

Date: 27 Aug 1995 06:43:05 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Yaesu FT51R

I bought one a couple of weeks ago. I haven't talked much on it, but I
have used it several times in a QSO with a friend on a repeater. On full
5 watts, it seems like it will be useable for at least twenty minutes of
back and forth talking. On the next lower power (3.5 watts, I think) it
seemed like we could just keep talking into the night. The back got a
little warm, but evidently not warm enough to do anything during the 1.5
to 2 hours I was using it.

Max
N7NWG

End of Ham-Equip Digest V95 #365
****

1059. Re: Yaesu FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: vsgregg@crl.com
Message-ID: <41q2kt$7ss@crl.crl.com>
Source record: 213305

Kevin Karamanos (wd6dih@ix.netcom.com) wrote:
: The FT-51R is designed to reduce power output only when the internal
: temp sensor is very hot (this protects the finals). The FT-51R does
: produce 5 watts on both 2m & 440 w/ the E-DC-12 adapter or FNB-38
: battery.
: 73's Kevin, WD6DIH
: YAESU USA

Kevin,
My experience (and that of atleast one other FT-51R user here in Atlanta)
is that the radio is too hot to hold after as little as 15 minutes of
back and forth at full power using the PA-10A. Recently, I was in the
car and the radio started reducing power after about 20 minutes.
Can you suggest a heatsink for this radio. I love the RT Systems software,
but I hate having to wear an oven mitt to QSO.

THX and 73s de KF4BUX Victor

1060. Yaesu FT-11R Mods Requested

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: capthemloc@aol.com
Message-ID: <41q337$7a5@newsbf02.news.aol.com>
Source record: 213306

I would like to obtain a copy of the extended TX mods for the Yaesu FT-11R (hope that's the proper designation). If anyone can help please post information here, or E-mail to CaptHemloc@aol.com or 73662.350@compuserve.com. Or you can fax the information to 706-745-6531. Thanks for any input.

73
KE4CTS

1061. Kenwood TM241A out of band Specs.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: mallorys@nbnet.nb.ca
Message-ID: <950827130623.A57116@news.nbnet.nb.ca>
Source record: 213307

Hello and thanks for reading this posting. I am interested in modifying my Tm241a Radio, but before I do I would like to know what the out of band specs are. Specefically in the 162 MHZ area and the 151 MHZ area.

If you can help me please e-mail me at mallorys@nbnet.nb.ca as well as posting the information here.

Thanks for the help.

mallorys@nbnet.nb.ca

1062. Re: Yaesu FT-51R review?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <41q6pt$64q@umcc.umcc.umich.edu>
Source record: 213308

In article <41jl49$dn0@redstone.interpath.net>,
Curt Phillips <KD4YU@cphillips.pdial.interpath.net> wrote:
>lbutler@umcc.umcc.umich.edu (Les Butler) wrote:
>>In article <418k8pINN9e9@hpsdlgd9.sdd.hp.com>,
>>Craig Bosworth <craigb@sdd.hp.com> wrote:
>>>If anyone has a Yaesu FT-51R, I'd love to hear from you about how you
>>>like it. I am trying to decide between one of those and a used TH-78.
>
>>I've had my Yaesu since Jan. and love it. It has great expanded receive
>>broader than the Kenwood. It can be programmed via the PC unlike the
>>Kenwood. RT systems sells the Windows based software for $40 with the
>>cable. It also allows you to expand the receive even more.
>
> After using the PC interface, what is it's receive frequency range?
>(BTW, are you the "Les Butler" who shot the video of the plane crash
>and wrote the article for MT?)
>
>========= Opinions expressed are solely those of the author ==============
>Curt Phillips, CEM KD4YU/AE (ex-WB4LHI) | "All good work is done
>Engineering Proj Mgr, Industrial & Research | in defiance of management."
>North Carolina Division of Energy | -- Bob Woodward
>KD4YU@cphillips.pdial.interpath.net * cphillips@energy.commerce.state.nc.us
>

Curt,

Wow, what a memory, yes I'm the same Les Butler who filmed the crash and
wrote the article for Monitoring Times last summer. I can't believe
someone remembered.
Anyway after programming the radio via P.C. with R.T. Systems software
the receive range is 66 to 999 Mhz. Actually the sensistivity is pretty
poor at the extreme ends but I have programmed in L.A.P.D. when I visit
L.A. and it works very well in the 480 to 506. The 800 and 900 areas are
virtually deaf, it may be that the board for that range isn't even in the
radio, I don't know. I haven't tried FM music stations yet either. You
must program the radio via P.C. to extend it's range, entering via the
keypad will not work. It's well worth the $40 they ask for it. I've been
using mine since it's introduction in April at the Dayton Hamfest.

Les

--
Les Butler KB8WKE....
Fire Notification Network of Michigan
Detroit's First Paging Network!

1063. Timewave vs. JPS DSP Noise reducers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: russ@gslink.net
Message-ID: <41qb91$1l7@ddi2.digital.net>
Source record: 213309

Has there ever been a comparison between the Timewave's 59 and the NIR10
DSP units? The 59 looks to have more controls.

1064. REJECTED: Ham-Equip Digest V95 #367

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9508271654.AE00021@rtp41.rtp.dg.com>
Source record: 213310

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #367
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 367

Today's Topics:
REJECTED: Ham-Equip Digest V95 #365

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Aug 95 07:32:38 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #365

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #365
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 365

Today's Topics:
572B tube in Collins 30L1 ???
HF Receiver Question? (2 msgs)
REJECTED: Ham-Equip Digest V95 #364
Several Items
Yaesu FT51R

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 95 05:17:40 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: 572B tube in Collins 30L1 ???

dsnowden@ccd.harris.com (Doug Snowden) wrote:

>Subject says it. Will the 572B tube fit in the 30L1? Physically? It
>might be a bit bigger than the 811A tube, I don't know. If it will
>fit, is it electrically near the 811A? What is the result, more
>power? More reliablity? Or a waste of money?

The 572B is virtually identical to the 811A but with a much greater
plate dissipation (160W VS 65W). Unfortunately, in order to make use
of that additional dissipation, you need to raise the plate
supply to about 2500V. Personally, I wouldn't spend the extra money
as replacements for the Collins.

>Along the same line, what is the advantage of using a ceramic based
>811A as opposed to the bakelite based ones? I see RF parts advertise
>the ceramic based ones at quite a bit more money..

I'm not aware of any advantages offered by the ceramis base, but maybe
there's another reason for the price difference. Wonder if the
ceramics are U.S. made?

73,

Jack WB3U

Date: 26 Aug 1995 21:18:48 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I don't buy this. Have you ever looked inside the supplies that come
>from Kenwood or Yaesu? They don't have current limiting or OVP in them

>at all. They don't even put an MOV on the primary in most cases. They
>are a bare bones power supply. Most people who opt to buy someone else's
>supply end up with an Astron or something similar. They have much better
>protection than the factory supplies.

>Gary

Yes Gary, but the original question was would an internal power supply
improve the RECEIVERS dynamic range, noise floor, etc.

I sure think the correct answer to that question was NO.

Date: 26 Aug 1995 17:10:09 GMT
From: amnet@ix.netcom.com (ANDRES MARTINEZ)
Subject: HF Receiver Question?

>
>>I was listening to a conversation on 75 meters the other day. These
two
>>guys were talking about the best HF transcievers on the market, and
one
>>of them made the point that a rig that had a build in AC power supply

>>always had better sensistivity, dynamic range, etc. than a radio that

>>required a 12- 15 volt external power supply.
>
>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming
that
>conclusion, but it is a giant leap.
>
>You hear a lot of strange stuff if you listen long enough.
>
>73 Tom

One reason I can think of for that being true, is that most internal
power supplies are better built by the manufacturers than a cheap
external power supply a user may use in some cases. If you use a good
quality external power supply, then the should be no difference in
reception.

andres - YV5-KRI

Date: 27 Aug 95 04:23:10 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #364

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #364
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 364

Today's Topics:
Icom R-7000 problem
REJECTED: Ham-Equip Digest V95 #363

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 1995 03:50:53 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: Icom R-7000 problem

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered
>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the
>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

Date: 27 Aug 95 00:33:08 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #363

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #363
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR
Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)
Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months ago,
I encountered a lot of talk about whether memory settings could be cloned from
one FT530 to another. I believe that the answer was yes and that it could be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come
out with the FT51R which is programmable (not just cloneable) through this plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level
switch for rcvd audio. It picked up rf bad enough to hear it across the
room. After installing a K-com at the handset rf could still be heard,
but it was less than 1/2 as loud as the voice at the other end of the
line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire
for each side of the line. So it appears to be just a choke. I assume
it has quite a bit more inductance than you could get by wrapping the
cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to
an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits
or
: just common mode ferrite chokes? If they are just ferrite, then they
would
: appear to be a little pricey relative to the typical snap on ferrite
chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
: another question - how much ferrite at the back of the phone do you need
to
: choke HF off a telephone line? I suspect that a single ferrite snap on
choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or
just common mode ferrite chokes? If they are just ferrite, then they would

appear to be a little pricey relative to the typical snap on ferrite chokes
which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
- 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
another question - how much ferrite at the back of the phone do you need to
choke HF off a telephone line? I suspect that a single ferrite snap on
choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken

N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO
glue. I fixed my own, the rest sent them in for repair. One has been
repaired in other ways, but that's because N1JWR won't take the time to
get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to
carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now
the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for
the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another
need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've
been Dxing. If this only had side band I would be totally happy. I run

it on a Diamond J-130 discone and i can get out and around very well.
i don't use it much for the AM air craft band, but i do listen to the
railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led
remains on in TX and RX. There is no indication on S-meter in TX, and I
suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

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policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded
it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?

REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

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Problems you can't solve otherwise to brian@ucsd.edu.

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policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com
writes:
|> I operate CW most of the time and am interested in either the Timewave
59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency

to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern
since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard
Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but
you

must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF?

Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The
location of the supply and what it plugs into have no effect on the
parameters mentioned.
I can think of threads of logic that may be distorted into forming that
conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It might be a bit bigger than the 811A tube, I don't know. If it will fit, is it electrically near the 811A? What is the result, more power? More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based 811A as opposed to the bakelite based ones? I see RF parts advertise the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore power out but they will last forever. Collins recommends that you change out one of the one of the caps in the 30L-1 for best operation with a 572B but I've tried them with a stock unit and it seemed to work fine. If your really interested in this mod I can dig through my stuff and tell you which cap to change.

As far as the ceramic based 811A, I've used bakelite 811 and 811A tubes for years and have never found any problems. I wouldn't spend any extra for a ceramic base but if its the same price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the
accuracy of this wattmeter at less than 5 watts. I have both QRP and
regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP
level is most important. Or...do I need to get a QRP wattmeter (I
understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al
and see if you can get a better handle on this. I live in Minneapolis
and know the guys personally, and they will do what is necessary to make
you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan) writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants (verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases, partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they

gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset Communicator IV. Photocopies would be fine, also. Please
email me with any offers.

Thank you and 73--
Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency display for my TS-520SE? If someone wants to sell one please contact me at:

Phil_Hawkins@qmgate.incyte.com
~~~~~

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
: >quite a bit and consume more than the DC adapter is supplying to the battery,
: >eventually I can't transmit at all (I have to wait until the battery recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then

to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six
Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to
your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF
vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)
Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct
in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo---

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show

indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs
in the back into a 3 or 4 pin socket. If you have one of these lying
around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad
that I could use into the mic, but I would rather have a plug in unit
if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
****

End of Ham-Equip Digest V95 #364
****

Date: 23 Aug 1995 18:06:27 GMT
From: rasta@stlucia.net (Paul O'Connor)
Subject: Several Items

Timewave DSP 9+ $200.00
KW SM 230 Scope Box Manuals etc.$650.00
MFJ-989C 3K Tuner (new industor coil) $200.00
Hayes Optima 14.4 Modem..............$150.00
Yaesu MD-1 c8 Mic (never used).........$75.00

Call 717-232-2015 if interested

Date: 27 Aug 1995 06:43:05 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Yaesu FT51R

I bought one a couple of weeks ago. I haven't talked much on it, but I have used it several times in a QSO with a friend on a repeater. On full 5 watts, it seems like it will be useable for at least twenty minutes of back and forth talking. On the next lower power (3.5 watts, I think) it seemed like we could just keep talking into the night. The back got a little warm, but evidently not warm enough to do anything during the 1.5 to 2 hours I was using it.

Max
N7NWG

End of Ham-Equip Digest V95 #365
****

End of Ham-Equip Digest V95 #367
****

1065. HF/VHF/UHF RIGS ETC FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: lamb@execpc.com
Message-ID: <41q9iq$805@homer.alpha.net>
Source record: 213311

Reply to: lamb@execpc.com

HAM RADIO STUFF FOR SALE

KENWOOD TS-50S 100W HF XCVR WITH OPTIONAL MB 13, IFC 232C $750
KENWOOD TR-751A ALL MODE 25W 2M XCVR $425
YAESU FT-790R MKII 25W ALL MODE UHF
W/SOFT CASE, NICAD HOLDER, CHARGER $450
STANDARD C1208 2M 50W MOBILE XCVR $325
KENWOOD AT-120 MINI TUNER (80-10M no WARC) $50
JPS NRF-7 DIGITAL SIGNAL PROCESSOR $135
KENWOOD PC-1A PHONE PATCH (UNUSED) $75
HEATHKIT HL-2200 TUNED IMPUT 1 KW OUT HF AMP $450
HEATHKIT ROLLER INDUCTION 3KW TUNER $200
HEATKIT HK232 ALL MODE TNC (SAME AS PK232) $150
MOSELEY TA-33 TRIBAND BEAM $125
BUTTERNUT HF6V VERTICAL $100
BUTTERNUT 160M RESONATOR (UNUSED) $40
RF CONCEPTS 2M GASFET PREAMP MAST/SHACK MOUNT $100
CUSHCRAFT 4 EL WIDEBAND BOOMER $35
36FT ALUM TOWER (UNIVERSAL) 14" SECTIONS
W/ 8' 2" OD MAST, HOMEMADE ALUM TILTOVER BASE AND ROTOR MOUNT
$250
ALPHA DELTA 4 POSITION COAX SWITCH/WITH LIGHTENING PROTECTOR $45
ALLIANCE HD 73 ROTOR $75

Everything works well, offers considered

1066. Need help with Super super Dentron tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <41qanj$d43@acme.freenet.columbus.oh.us>
Source record: 213312

Hi gang. I have a Super super Dentron antenna tuner with one
missed part inside. There one air vary capacitor, balun,
couple air core coils.
Does anybody could help with schematic or suggestion about the
missed part?

Thanks,

73! Sergei AA8OT, UA3AP

1067. Need: MFJ-8621 schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <41qbdo$emd@acme.freenet.columbus.oh.us>
Source record: 213313

Hi gang. I'm looking for the schematic of the Data radio MFJ-8621.
Will appreciate for any help.

73 ! Sergei AA8OT, UA3AP

1068. Re: Where can I get a gel cell battery?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: sking1@ix.netcom.com
Message-ID: <41qgoa$6j@ixnews2.ix.netcom.com>
Source record: 213314

morganp@fn1.freenet.edmonton.ab.ca () wrote:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?

Try:

W & W Associates
800 south Broadway
Hicksville, NY 11801-5017

800-221-0732 (toll frre in US and Canada)

If you have any local HAM Swaps in your area, you might wish to try
those as well.

1069. Wanted: UHF MX-300S manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: jmroden@crl.com
Message-ID: <41qhbn$122@crl5.crl.com>
Source record: 213315

[Article crossposted from rec.radio.swap]
[Author was James M. Roden]
[Posted on 27 Aug 1995 12:32:11 -0700]

Greetings. As stated, I'm looking for an MX-300S UHF manual. Also need
prom for same. Please e-mail with info...
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio

1070. Re: Yaesu FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <41qjgt$f0v@ixnews3.ix.netcom.com>
Source record: 213316

In <41q2kt$7ss@crl.crl.com> vsgregg@crl.com (Victor S. Gregg) writes:
>
>Kevin Karamanos (wd6dih@ix.netcom.com) wrote:
>: The FT-51R is designed to reduce power output only when the internal
>: temp sensor is very hot (this protects the finals). The FT-51R does
>: produce 5 watts on both 2m & 440 w/ the E-DC-12 adapter or FNB-38
>: battery.
>: 73's Kevin, WD6DIH
>: YAESU USA
>
>Kevin,
>My experience (and that of atleast one other FT-51R user here in
Atlanta)
>is that the radio is too hot to hold after as little as 15 minutes of
>back and forth at full power using the PA-10A. Recently, I was in the
>car and the radio started reducing power after about 20 minutes.
>Can you suggest a heatsink for this radio. I love the RT Systems
software,
>but I hate having to wear an oven mitt to QSO.
>
>THX and 73s de KF4BUX Victor

Hi Victor,

My first thoughts are: Check to output and make sure your friends radio
is not putting out more than 5 watts..... Also if the temp in the Car
is really hot, the radio will reduce power earlier.

FYI and 73's

Kevin, WD6DIH

1071. Re: HF Receiver Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug27.102719.18415@ke4zv.atl.ga.us>
Source record: 213317

In article <41o1pj$l3t@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>>One reason I can think of for that being true, is that most internal
>>power supplies are better built by the manufacturers than a cheap
>>external power supply a user may use in some cases. If you use a good
>>quality external power supply, then the should be no difference in
>>reception.
>
>I think this may help on transmitting, but the original post was
>concerning receiver performance. There can be absolutely no difference in
>a well designed receiver's performance. It is not necessary to run more
>than 12 volts on the receiver.
>
>OTOH, the higher voltage will help a bit on transmitting in some
>cases.Better devices are available.

To answer the referenced quote first, if you look at the internal
supplies of Japanese equipment, they aren't as good as the typical
Astron, so we can put that to bed. Answering Tom, a higher voltage
device *can* improve receiver IMD, examples include homebrew front
ends built using CATV trunk line amplifier transistors that operate
off of 48 volts. However, none of the Japanese manufacturers do
that either, so again the point is moot.

Now top of the line Japanese transceivers generally do include
an internal power supply as well as an internal antenna tuner,
but that's because they are bells and whistles, kitchen sink,
radios, not because including those things inside the basic
radio case increases receiver performance per se.

Gary
--
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534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1072. Re: 12V Nicad Batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug27.104138.18602@ke4zv.atl.ga.us>
Source record: 213318

In article <41l46q$s27@nps.navy.mil> swdecato@nps.navy.mil writes:
>I recently bought two 12V 1.4ah NICAD batteries from Radio Shack.
>They were designed for a laptop computer but I figured with a
>cigarette lighter plug I could use them on my HT. What type of
>power supply (i.e. voltage and output amperage) should I use
>for these batteries?

I assume you're asking what sort of battery charger to use with these batteries. NiCads require a *constant current* charger. For best results, you want to charge at 0.1C (C is the rated amp-hour capacity of the battery). So for your batteries, you want a charger that will output a constant current of 140 ma. That will typically require an open circuit voltage of 18 volts or higher from the charger. You can build a constant current charger using one of the 3-terminal regulator devices configured for constant current use following a DC supply of 18 volts or greater.

When the battery reaches discharge (a open circuit voltage of no less than 10 volts), charge it for 14 hours at the 0.1C rate to achieve full charge (you have to put more than its rated amp-hours into it because a battery is less than 100% efficient). Remove it from the charger at that point, do not *overcharge*. That's the number one cause of battery life problems.

Gary
--
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Lawrenceville, GA 30244 | |

1073. Re: Anyone have experience with IC-730?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug27.105555.18702@ke4zv.atl.ga.us>
Source record: 213319

In article <NEWTNews.809399338.31614.bill@bill.halcyon.com> Bill@halcyon.com writes:
>In Article<NEWTNews.809292994.14061.Pbutterf@butter-pc.eng.mc.xerox.com>,
>> I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
>> Any recommendations?
>
>I had one about 12 years ago. They are a good radio. Ham band only. Not
>many features. I sure would NOT pay $500 for one today.

Ditto, that's too much for a 730. It's worth about $300. It's not a
bad radio, but like its siblings, it overloaded easily in the presence
of strong signals. This radio is in the same family as the 720 and 740,
not the same family as the 735 (which is a newer generation design that
in turn isn't related to the 745 which *is* related (distantly) to the
730). Icom's inscrutable numbering system makes *no* sense at all.

Gary
--
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Lawrenceville, GA 30244 | |

1074. Re: HELP ME PLEASE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug27.111205.18821@ke4zv.atl.ga.us>
Source record: 213320

In article <41nk05$gvo@newsbf02.news.aol.com> er12345@aol.com (ER12345) writes:
>I am ready to become a radio brodcaster, but I have no idea what I need.

You might start with about $125,000. That'll get you a small market
Standard Broadcast license. Beyond that, another half mill will
acquire the land for the towers and equip a nice broadcast plant.
Alternately, if you're willing to assume quite a bit of existing
debt, an investment of $150,000 to $250,000 can get you an existing,
struggling, small market FM facility.

If you're in a larger market, well good luck, but prepare to spend
between $5 and $25 million for a broadcast outlet. Your best bet
is to enlist the services of a broker. There are ads in the back
of _Broadcasting_ magazine listing brokers who can aid you in
acquiring either an existing property or guide you through the
process of acquiring a new broadcast allocation. Figure on spending
at least a couple of years wading through the paperwork jungle.

You didn't think broadcasting was allowed on *amateur* radio did you?

Gary
--
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534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1075. Re: Opinion on Periphex batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug27.111810.18905@ke4zv.atl.ga.us>
Source record: 213321

In article <41ohp9$oph@taurus.neca.com> jmusto@neca.com writes:
>lynch@galileo (Scott Lynch) wrote:
>>I purchased a FND-26 battery for my Yeasu ft-530 about one
>>year ago from Periphex. The price was right, about half what
>>Yeasu wanted for the same battery.
>
>>Recently, the battery quite taking a charge. I have not really
>>used it that many times (maybe 15-20 charges). I just wanted
>>to know, is this a case of you get what you pay for or was it
>>just a fluke that this particular battery went bad.
>
>My two Yaesu packs [FNB-25's both real Yaesu] have crapped out after
>only 25 or so charges. They both hold a charge for about an hour
>[with the radio OFF]!

Alas, toast. Just how long did you leave them on charge? If you
leave any NiCad on low charge for a long time, they'll grow
dendrites that short the cells, poof, there goes capacity and
life. Both of you are describing the classic symptom of batteries
that have been excessively overcharged. You could zap the *individual*
cells, and maybe get capacity back for a while, but the "fix" likely
won't last long. Once they start growing dendrites, they just keep
doing it. It's new battery time guys, and don't overcharge the next
set.

Gary
--
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Lawrenceville, GA 30244 | |

1076. Re: mfj-8621 packet radio probs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Aug27.113335.19049@ke4zv.atl.ga.us>
Source record: 213322

In article <billv.221.000A6A57@olympus.net> billv@olympus.net (Bill Vaughn) writes:
>I just received an mfj-8621 packet data radio (after waiting 8 months) I put
>new factory xtals in it and retuned the unit. After checking it with my
>service monitor I discovered that upon tx key the freq drifted from about 2k
>away to an onfrequency condition but it took aprx a second for it to do so.
>
> I am delaying the tx key for that amount of time but it seems to negate the
>fast diode switching. It has no heater for the xtal but I have worked on many
>radios with no oven that did not do this. Any suggestions for a fix.

Yuck, that sucks! Sounds like the radio is running excessive crystal
current. Have you measured it? And are the crystals you installed rated
for the current drawn by this oscillator circuit? If you can't get
crystals rated to handle the current, you'll have to do a bit of redesign.
Typically, you don't want small crystals to draw more than a couple of mils
of RF current. An alternative may be to leave the oscillator always running
and key a later stage.

This *may* be a voltage switching problem, however. Have you scoped
the osc B+ rail during turn on? If the osc B+ voltage is ramping up
slow, that can cause the oscillator to be off frequency too. The cure
here is typically to reduce the size of the B+ decouplers.

Gary
--
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Lawrenceville, GA 30244 | |

1077. REJECTED: Ham-Equip Digest V95 #368

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9508272052.AJ00021@rtp41.rtp.dg.com>
Source record: 213323

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@ucsd.edu
To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V95 #368
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 368

Today's Topics:
Does anyone know of where I can get a battery cover plate for HTX-202
Kenwood uses false advertising?
mfj-8621 packet radio probs
REJECTED: Ham-Equip Digest V95 #367
Yaesu FT-11R Mods Requested

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 17:57:48 GMT
From: morganp@fn1.freenet.edmonton.ab.ca ()
Subject: Does anyone know of where I can get a battery cover plate for HTX-202

I would like a battery connection cover plate for my HTX-202 because when I
operate from external power I'm supposed to take the battery pack off but that
leaves the battery connectors to possibly get damaged, any ideas?

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo---

Date: Thu, 24 Aug 1995 16:11:54 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Kenwood uses false advertising?

In article <41aupj$4mt9@yuma.ACNS.ColoState.EDU> fiz <fiz@lamar.colostate.edu> writes:
>
>AND I WILL NEVER BUY A KENWOOD AGAIN...

You're learning. :-)

However, don't be so dogmatic, Kenwood may (insert miraculous intervention
of the Virgin here) get their act together with VHF/UHF rigs one day.
Remember, it wasn't that long ago when Yaesu couldn't build a HF rig,
now they're the top dog in that department. Changes can happen, so
keep your options open.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Sat, 26 Aug 1995 10:24:51
From: billv@olympus.net (Bill Vaughn)
Subject: mfj-8621 packet radio probs

I just received an mfj-8621 packet data radio (after waiting 8 months) I put
new factory xtals in it and retuned the unit. After checking it with my
service monitor I discovered that upon tx key the freq drifted from about 2k
away to an onfrequency condition but it took aprx a second for it to do so.

I am delaying the tx key for that amount of time but it seems to negate the
fast diode switching. It has no heater for the xtal but I have worked on many
radios with no oven that did not do this. Any suggestions for a fix.

Date: 27 Aug 95 10:23:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #367

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No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #367
X-Ceo_Options: Document

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CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 367

Today's Topics:
REJECTED: Ham-Equip Digest V95 #365

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Problems you can't solve otherwise to brian@ucsd.edu.

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Date: 27 Aug 95 07:32:38 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #365

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #365
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 365

Today's Topics:
572B tube in Collins 30L1 ???
HF Receiver Question? (2 msgs)
REJECTED: Ham-Equip Digest V95 #364
Several Items
Yaesu FT51R

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Date: Wed, 23 Aug 95 05:17:40 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: 572B tube in Collins 30L1 ???

dsnowden@ccd.harris.com (Doug Snowden) wrote:

>Subject says it. Will the 572B tube fit in the 30L1? Physically? It
>might be a bit bigger than the 811A tube, I don't know. If it will
>fit, is it electrically near the 811A? What is the result, more
>power? More reliablity? Or a waste of money?

The 572B is virtually identical to the 811A but with a much greater
plate dissipation (160W VS 65W). Unfortunately, in order to make use
of that additional dissipation, you need to raise the plate
supply to about 2500V. Personally, I wouldn't spend the extra money
as replacements for the Collins.

>Along the same line, what is the advantage of using a ceramic based
>811A as opposed to the bakelite based ones? I see RF parts advertise
>the ceramic based ones at quite a bit more money..

I'm not aware of any advantages offered by the ceramis base, but maybe
there's another reason for the price difference. Wonder if the
ceramics are U.S. made?

73,

Jack WB3U

Date: 26 Aug 1995 21:18:48 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I don't buy this. Have you ever looked inside the supplies that come
>from Kenwood or Yaesu? They don't have current limiting or OVP in them
>at all. They don't even put an MOV on the primary in most cases. They
>are a bare bones power supply. Most people who opt to buy someone else's
>supply end up with an Astron or something similar. They have much better
>protection than the factory supplies.

>Gary

Yes Gary, but the original question was would an internal power supply
improve the RECEIVERS dynamic range, noise floor, etc.

I sure think the correct answer to that question was NO.

Date: 26 Aug 1995 17:10:09 GMT
From: amnet@ix.netcom.com (ANDRES MARTINEZ)
Subject: HF Receiver Question?

>
>>I was listening to a conversation on 75 meters the other day. These
two
>>guys were talking about the best HF transcievers on the market, and
one
>>of them made the point that a rig that had a build in AC power supply

>>always had better sensistivity, dynamic range, etc. than a radio that

>>required a 12- 15 volt external power supply.
>
>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming
that
>conclusion, but it is a giant leap.
>
>You hear a lot of strange stuff if you listen long enough.
>
>73 Tom

One reason I can think of for that being true, is that most internal
power supplies are better built by the manufacturers than a cheap
external power supply a user may use in some cases. If you use a good
quality external power supply, then the should be no difference in
reception.

andres - YV5-KRI

Date: 27 Aug 95 04:23:10 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #364

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----- Unsent message follows -----
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To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #364
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 364

Today's Topics:
Icom R-7000 problem
REJECTED: Ham-Equip Digest V95 #363

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Date: Wed, 23 Aug 1995 03:50:53 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: Icom R-7000 problem

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered
>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the
>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

Date: 27 Aug 95 00:33:08 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #363

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #363
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR
Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

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Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)
Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months
ago,
I encountered a lot of talk about whether memory settings could be cloned
from
one FT530 to another. I believe that the answer was yes and that it could
be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come
out with the FT51R which is programmable (not just cloneable) through this

plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level
switch for rcvd audio. It picked up rf bad enough to hear it across the
room. After installing a K-com at the handset rf could still be heard,
but it was less than 1/2 as loud as the voice at the other end of the
line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire
for each side of the line. So it appears to be just a choke. I assume
it has quite a bit more inductance than you could get by wrapping the
cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to
an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits
or
: just common mode ferrite chokes? If they are just ferrite, then they
would
: appear to be a little pricey relative to the typical snap on ferrite
chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
: another question - how much ferrite at the back of the phone do you need
to
: choke HF off a telephone line? I suspect that a single ferrite snap on
choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or
just common mode ferrite chokes? If they are just ferrite, then they would

appear to be a little pricey relative to the typical snap on ferrite chokes
which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
- 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
another question - how much ferrite at the back of the phone do you need to
choke HF off a telephone line? I suspect that a single ferrite snap on
choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken
N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO glue. I fixed my own, the rest sent them in for repair. One has been repaired in other ways, but that's because N1JWR won't take the time to get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've been Dxing. If this only had side band I would be totally happy. I run it on a Diamond J-130 discone and i can get out and around very well. i don't use it much for the AM air craft band, but i do listen to the railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led remains on in TX and RX. There is no indication on S-meter in TX, and I

suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded
it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com

Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com
writes:
|> I operate CW most of the time and am interested in either the Timewave
59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency
to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance

Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The

resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern

since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but you
must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF? Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that

>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The
location of the supply and what it plugs into have no effect on the
parameters mentioned.
I can think of threads of logic that may be distorted into forming that
conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

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To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)

Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It
might be a bit bigger than the 811A tube, I don't know. If it will
fit, is it electrically near the 811A? What is the result, more power?
More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based
811A as opposed to the bakelite based ones? I see RF parts advertise
the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore
power out but they will last forever. Collins recommends that
you change out one of the one of the caps in the 30L-1 for
best operation with a 572B but I've tried them with a stock
unit and it seemed to work fine. If your really interested in
this mod I can dig through my stuff and tell you which cap to
change.

As far as the ceramic based 811A, I've used bakelite 811 and
811A tubes for years and have never found any problems. I
wouldn't spend any extra for a ceramic base but if its the same
price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image
frequency. The C508A first IF is 23.05 MHz, so my guess is that the
images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie
916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S
meter doesn't go to S9, but it seems better than having a mods butcher
pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)

Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the accuracy of this wattmeter at less than 5 watts. I have both QRP and regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP level is most important. Or...do I need to get a QRP wattmeter (I understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al and see if you can get a better handle on this. I live in Minneapolis and know the guys personally, and they will do what is necessary to make you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants (verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan) writes:
>: Anyone out there with experience with K-com telephone RFI filters?

>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they
gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are
the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time
and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.

I have done the keypad mod for extended rx and it works without any mishap
to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset
Communicator IV. Photocopies would be fine, also. Please
email me with any offers.

Thank you and 73--
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency
display for my TS-520SE? If someone wants to sell one please contact me
at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?
~~~~~~

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
: >quite a bit and consume more than the DC adapter is supplying to the battery,
: >eventually I can't transmit at all (I have to wait until the battery recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you

were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six
Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to
your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF
vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)

Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct
in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo---

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show
indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs
in the back into a 3 or 4 pin socket. If you have one of these lying
around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad
that I could use into the mic, but I would rather have a plug in unit
if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
****

End of Ham-Equip Digest V95 #364
****

Date: 23 Aug 1995 18:06:27 GMT
From: rasta@stlucia.net (Paul O'Connor)
Subject: Several Items

Timewave DSP 9+ $200.00
KW SM 230 Scope Box Manuals etc.$650.00
MFJ-989C 3K Tuner (new industor coil) $200.00
Hayes Optima 14.4 Modem..............$150.00
Yaesu MD-1 c8 Mic (never used).........$75.00

Call 717-232-2015 if interested

Date: 27 Aug 1995 06:43:05 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Yaesu FT51R

I bought one a couple of weeks ago. I haven't talked much on it, but I
have used it several times in a QSO with a friend on a repeater. On full
5 watts, it seems like it will be useable for at least twenty minutes of
back and forth talking. On the next lower power (3.5 watts, I think) it
seemed like we could just keep talking into the night. The back got a

little warm, but evidently not warm enough to do anything during the 1.5
to 2 hours I was using it.

Max
N7NWG

End of Ham-Equip Digest V95 #365
****

End of Ham-Equip Digest V95 #367
****

Date: 27 Aug 1995 11:30:47 -0400
From: capthemloc@aol.com (CaptHemloc)
Subject: Yaesu FT-11R Mods Requested

I would like to obtain a copy of the extended TX mods for the Yaesu FT-11R
(hope that's the proper designation). If anyone can help please post
information here, or E-mail to CaptHemloc@aol.com or
73662.350@compuserve.com. Or you can fax the information to 706-745-6531.
Thanks for any input.

73
KE4CTS

End of Ham-Equip Digest V95 #368
****

1078. 2m/70cm Handheld Reccomendations ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: dcomer@mack.rt66.com
Message-ID: <41qitj$5i0@mack.rt66.com>
Source record: 213324

Probably a FAQ, but I'm new to HAM....

I just passed my no-code yesterday and am looking to purchase an 2m/70cm handheld. 1-1/4 would be nice, but... What I would like is to hear from some experienced handheld users as to the types of features that are particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there are any particular units worth considering, I'd appreciate some input as to your experience with the units. I appreciate your input. Feel free to e-mail me, however, I would guess that there are plenty of new HAMs looking for the same, so a post is preferred.

73

Dave Comer (Waiting on the FCC)

dcomer@rt66.com

1079. Re: Opinion on Periphex batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: "Bruce J. Goldstein" <wa3afs@mhv.net>
Message-ID: <41qpia$6al@over.mhv.net>
Source record: 213325

I have used there replacement inserts and batteries for several years without a single failure. I believe the batteries (700 mah AA) are now about 4 years old and have undergone well over a 100 cycles. I do try to recharge ONLY when the the radio complains about them. Almost never do I charge them when they are in the middle.lynch@galileo (Scott Lynch) wrote:
>.
>
>Anyone else out there had a good or bad experience with Periphex
>batteries.
>
>Scott Lynch
>KC7ADV
>
>lynch@chdasic.sps.mot.com
>
>
lynch@galileo (Scott Lynch) wrote:
>
>

1080. Specs on LDF-50A 1/2" Coax or Andrews ph

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: daveb@buffnet.net
Message-ID: <41qer3$hah@buffnet2.buffnet.net>
Source record: 213326

Can anyone provide the performance specs for Andrews LDF-50A 1/2" coax ?

Or a phone #

Thanks

--- daveb ---

1081. Re: battery cover plate for HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <41qvm0$7i5@over.mhv.net>
Source record: 213327

Peter A. Klein (pklein@news.seattleu.edu) wrote:
: In article <41nnas$cqs@news.sas.ab.ca>,
: <morganp@fn1.freenet.edmonton.ab.ca> wrote:

: >I would like a battery connection cover plate for my HTX-202 because when
: >I operate from external power I'm supposed to take the battery pack off
: >but that leaves the battery connectors to possibly get damaged, any
: >ideas?

: Cut up an expired credit card, or better yet, some other, thinner, plastic
: card. I used last years' membership card for the Seattle zoo (perhaps as
: a comment on the state of 2 meters, but anyway. . .) Trim it so that it
: will just slide into the metal rails at the top of the battery and cover
: the contacts.

: Don't use cardboard, as it will shed fibers and could gunk things up.

: ICOM batteries for the 02-AT and 2-AT (same style as your HTX-202's) came
: with a just such a rectangular plastic cover.

: 73, Peter - KD7MW
: --
: Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
: Information Services : | | | | | | | |
: Seattle University : @| @| @| @| @| @| @| @|

Just slap in the alkaline pack without batteries in it.

Tom, KB2SMS

1082. HTX-202 $60.00!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: Mark Latham <markl@frontier.net>
Message-ID: <41qvct$e3h@molas.frontier.net>
Source record: 213328

One of my co-workers has a realistic htx-202 with rechargeable battery
pack, extra battery, external speaker/mike for $60.00
contact:
Sean Murray
Durango, CO
(970)749-2214
if you are interested. please do not contact me. thanks!!!

1083. Do the manufacturers give a damn?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: edandsusan@aol.com
Message-ID: <41r1g2$h9b@newsbf02.news.aol.com>
Source record: 213329

Hi all,

Just wondering what experience folks have had with the "big three", or others, and their response to e-mail. You would think these technological giants would be "online", wouldn't you? The companies advertise their e-mail addresses, so you would think they read it !

My experiences vary-

Kenwood: I have written twice, asking about spare parts for some 10 year old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I know, the radios are old, but the way I see it, if I can't get spares info for these,, why should I think it would be any different with new gear?

Icom: I wrote, asking for modification info, and clarification of the manual, for the IC-2340. I received a reply the next day, with a follow-up letter via US mail. I had already purchased the radio, so ICOM had nothing really to gain by being so fast.

Yaesu: I have not had experience with Yaesu.

Are these responses normal??

73 de KE4WXY, Ed

++

edandsusan@aol.com (Ed Tilley)

If you're under control, you're not driving fast enough.....

Bondo in your doors is a sign of courage.....Parnelli Jones

1084. Re: What good is 6 Meters ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: edandsusan@aol.com
Message-ID: <41r1ls$hao@newsbf02.news.aol.com>
Source record: 213330

6 Meters beats the hell out of 14.275!

73 de KE4WXY, Ed

++

edandsusan@aol.com (Ed Tilley)

If you're under control, you're not driving fast
enough..................

Bondo in your doors is a sign of
courage.................................Parnelli Jones

1085. REJECTED: Ham-Equip Digest V95 #363

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9508270609.AC00021@rtp41.rtp.dg.com>
Source record: 213331

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #363
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR
Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)
Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months ago,
I encountered a lot of talk about whether memory settings could be cloned from
one FT530 to another. I believe that the answer was yes and that it could be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come out with the
FT51R which is programmable (not just cloneable) through this plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level
switch for rcvd audio. It picked up rf bad enough to hear it across the
room. After installing a K-com at the handset rf could still be heard,
but it was less than 1/2 as loud as the voice at the other end of the
line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire
for each side of the line. So it appears to be just a choke. I assume
it has quite a bit more inductance than you could get by wrapping the
cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to
an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?

: Specfically, do they work and how do they work? Are they tuned circuits or
: just common mode ferrite chokes? If they are just ferrite, then they would
: appear to be a little pricey relative to the typical snap on ferrite chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB, 80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings up
: another question - how much ferrite at the back of the phone do you need to
: choke HF off a telephone line? I suspect that a single ferrite snap on choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or
just common mode ferrite chokes? If they are just ferrite, then they would
appear to be a little pricey relative to the typical snap on ferrite chokes
which are widely available. I've got a bit of telephone RFI (100w, SSB, 80
- 10m, low dipoles) so far no luck with ferrite. Which of course brings up
another question - how much ferrite at the back of the phone do you need to
choke HF off a telephone line? I suspect that a single ferrite snap on choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken
N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO
glue. I fixed my own, the rest sent them in for repair. One has been
repaired in other ways, but that's because N1JWR won't take the time to
get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to
carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now
the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for
the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another
need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've
been Dxing. If this only had side band I would be totally happy. I run
it on a Diamond J-130 discone and i can get out and around very well.
i don't use it much for the AM air craft band, but i do listen to the
railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led
remains on in TX and RX. There is no indication on S-meter in TX, and I
suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com writes:
|> I operate CW most of the time and am interested in either the Timewave 59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency
to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
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----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance

Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The

resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern

since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but you
must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF? Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that

>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The
location of the supply and what it plugs into have no effect on the
parameters mentioned.
I can think of threads of logic that may be distorted into forming that
conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

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To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)

Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It
might be a bit bigger than the 811A tube, I don't know. If it will
fit, is it electrically near the 811A? What is the result, more power?
More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based
811A as opposed to the bakelite based ones? I see RF parts advertise
the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore
power out but they will last forever. Collins recommends that
you change out one of the one of the caps in the 30L-1 for
best operation with a 572B but I've tried them with a stock
unit and it seemed to work fine. If your really interested in
this mod I can dig through my stuff and tell you which cap to
change.

As far as the ceramic based 811A, I've used bakelite 811 and
811A tubes for years and have never found any problems. I
wouldn't spend any extra for a ceramic base but if its the same
price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image
frequency. The C508A first IF is 23.05 MHz, so my guess is that the
images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie
916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S
meter doesn't go to S9, but it seems better than having a mods butcher
pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)

Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the accuracy of this wattmeter at less than 5 watts. I have both QRP and regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP level is most important. Or...do I need to get a QRP wattmeter (I understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al and see if you can get a better handle on this. I live in Minneapolis and know the guys personally, and they will do what is necessary to make you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants (verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan) writes:
>: Anyone out there with experience with K-com telephone RFI filters?

>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they
gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are
the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time
and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.

I have done the keypad mod for extended rx and it works without any mishap
to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset
Communicator IV. Photocopies would be fine, also. Please
email me with any offers.

Thank you and 73--
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency
display for my TS-520SE? If someone wants to sell one please contact me
at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?
~~~~~~

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
: >quite a bit and consume more than the DC adapter is supplying to the battery,
: >eventually I can't transmit at all (I have to wait until the battery recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you

were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six
Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to
your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF
vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)

Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo---

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show
indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs in the back into a 3 or 4 pin socket. If you have one of these lying around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad that I could use into the mic, but I would rather have a plug in unit if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
****

1086. Re: 2m/70cm mobile: Kenwood TM-733A - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDDyH7w.725@netcom.com>
Source record: 213332

I have the 733 with the remote head kit. The remote kit is a piece of crap, cause the radio will only work intermittently when it is in the remote head.

Kenwood tech support flat out denies that there is a problem, but I have talked to several other that have had the same problem.

--
herbr@netcom.com

1087. Re: Yaesu FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: tigger@jcomm.uoregon.edu
Message-ID: <41p45p$gjc@maureen.teleport.com>
Source record: 213333

I bought one a couple of weeks ago. I haven't talked much on it, but I have used it several times in a QSO with a friend on a repeater. On full 5 watts, it seems like it will be useable for at least twenty minutes of back and forth talking. On the next lower power (3.5 watts, I think) it seemed like we could just keep talking into the night. The back got a little warm, but evidently not warm enough to do anything during the 1.5 to 2 hours I was using it.

Max
N7NWG

1088. Re: 2m/70cm mobile: Kenwood TM-733A - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: davidmi@halcyon.com
Message-ID: <41p3tp$p14@news.halcyon.com>
Source record: 213334

I purchased the Icom IC-2700 recently and I am here pleased with this unit. It has a removable face plate as well as a built in duplexer. I have no intermod problems on 2m and very slight on 440.
Enjoy

In article <41g2hn$gkl@post.its.mcw.edu>,
Simon Twigger <simont@post.its.mcw.edu> wrote:
>Hi there,
>
>I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>was wondering what experiences people have had with this radio. I am
>basically looking to buy a 2m/70cm mobile rig with a removable front
>so I can mount the main body of the rig in the trunk of the car and
>have the display up front. I dont think I can install a mobile rig
>in my car (honda Civic 4dr) any other way.
> If anyone has any opinions on this or any other radio that fits
>the bill, I would be interested to hear them.
>
>Thanks for your help!
>
> Simon
>
>Simon Twigger, AA9PW/G1SNT
>Medical College of Wisconsin, Milwaukee.

+---+
| David C. Miller - KB7ZJY - Renton, WA USA |
| Home - davidmi@halcyon.com Work - davidmi@microsoft.com |
| The views expressed here are my own and may not be the views |
| of my employer or internet provider. |
+---+

1089. Re: Yaesu FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <41p9rf$5f9@ixnews7.ix.netcom.com>
Source record: 213335

In <41la1v$fmf@newsbf02.news.aol.com> mparkes@aol.com (Mparkes) writes:

>
>Victor; I am interested in buying a 51r but this (the radio reducing
>output power when it gets hot) has me a little concerned. How long do
you
>have to be transmitting before this happens? Is it any worse/better
than
>other handhelds? And I was hoping to use the EDC 12 adapter for mobile
use
>... but it sounds like you could not expect a full 5 watts out with it
>(even with the 5 watt battery). Is this right?
>73's
>Mike

Hello Mike,

The FT-51R is designed to reduce power output only when the internal temp sensor is very hot (this protects the finals). The FT-51R does produce 5 watts on both 2m & 440 w/ the E-DC-12 adapter or FNB-38 battery.

73's

Kevin, WD6DIH
YAESU USA

1090. Re: FT530 programming

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <41pa5o$cra@ixnews4.ix.netcom.com>
Source record: 213336

In <41ne15$2kq@er7.rutgers.edu> hillgen@er7.rutgers.edu (the one) writes:
>
>I have what may be a very unusual but interesting question. A few months ago,
>I encountered a lot of talk about whether memory settings could be cloned from
>one FT530 to another. I believe that the answer was yes and that it could be
>done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come out with the FT51R which is programmable (not just cloneable) through this plug.
>An I correct in assuming that the 51 programming software would work on the
>530? What do you think?
> jay
> hillgen@eden.rutger.edu
>
Hi Jay,

It is not possible to clone the FT-530 to another FT-530. That is why Yaesu never made a cloning cable for the FT-530. We have tried to make a PC program for the FT-530, but no luck. The FT-11/41/51 radios were designed to be PC programmed.

Good Luck and 73's

Kevin, WD6DIH
YAESU USA

1091. Re: Yaesu FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: gianotti@aol.com
Message-ID: <41r5r2$ist@newsbf02.news.aol.com>
Source record: 213337

What about the Yaesu mobile adapter that has a built-in fan for cooling?
When I was looking at this radio right after it came out they had a mobile
mount that provided power and a fan for cooling. I think this item has
been discountinued. . . maybe Yaesu should reinstate it.

Love the 51R Best HT I have had

____
| John L. Gianotti KF9GW #INTERNET: gianotti@ideanet.doe.state.in.us |
| Dir Computer Services #VOICE: (219) 365-8551 ext 260
|
| Lake Central School Corp.#FAX: (219) 65-6414
|
|____|

1092. Low height BEAM or Med' Hgt. DIPOLE ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <41r8em$jug@newsbf02.news.aol.com>
Source record: 213338

What would be better ? A Triband BEAM(10-15-20m) at about 25' or a Windom at about 40' ? The Beam would have a rotator PLEASE, I am just considering my options at this point. I KNOW that my question is vague and difficult to answer.

OR .... How about this...
A BEAM at about 25' or a VERTICAL (GAP,R5,Butternut) on a pole at about 40'(NO ground radials). Any help you can offer on this would be most greatly appreciated !

P.S. I just passed my General code & theory tests, so this is NOT merely idle questioning. I can finally use the good bands !!!

1093. Re: Extended Rcv on FT51r?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <41r6q1$35d@umcc.umcc.umich.edu>
Source record: 213339

In article <41h0g9$94n@maureen.teleport.com>,
Max Sabo <tigger@jcomm.uoregon.edu> wrote:
>Someone posted here a few weeks ago a software mod for this radio using
>the software program that was written for it. He said that all you need
>to do is change the line allowanyfrequency=0 to allowanyfrequency=1 in the
>win.ini file (the line should be under a section toward the end of the
>file if you just installed the program). I haven't tried it on my radio
>yet, so I can't tell you if it works or not. Sounds like a much better
>way to mod your radio without cracking the case open. THe poster also
>said that the radio was completely deaf at the 800 and 900MHz range. I
>think it might be missing some parts for that.
>
>Good luck
>
>Max
>

It works fine....
Les

--
Les Butler KB8WKE....
Fire Notification Network of Michigan
Detroit's First Paging Network!

1094. Re: Kenwood repair?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: jacobymike@delphi.com
Message-ID: <RdID8aG.jacobymike@delphi.com>
Source record: 213340

Stephan,
I had my TS-940 repaired at the Virginia Beach facility. It was for a blown power supply problem, not one very tough to troubleshoot. I was happy with the service they gave me.

I also remeber them being glad I was able to drive to their shop. They said the TS-940s don't ship very well!

Mike N3MA Manassas,Va

1095. ICOM REPAIR, CANADA PHONE NUMBER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: aa766@freenet.hamilton.on.ca
Message-ID: <41pffd$9gr@main.freenet.hamilton.on.ca>
Source record: 213341

Hello and many thanks for reading this. I am in need of a telephone number, address, e-mail address (anything) for ICOM. I wud like to contact them for parts.

73 Mike VE3AHQ

--

1096. Keyer-Paddle Input Sought

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: dddavis@mindspring.com
Message-ID: <dddavis.17.00284D51@mindspring.com>
Source record: 213342

I am considering a iambic paddle and keyer to help me learn the code. I see in the MFJ catalog a keyer combined with a Bencher paddle (MFJ-422C). I'd be interested in anyone's opinions as to whether this is a good way to go or if I should consider something else. Thanks in advance.

1097. Re: Gateful dead on PBS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: teixeira@ccnet.com
Message-ID: <41reqs$f6e@ccnet3.ccnet.com>
Source record: 213343

"What A Long Strange Trip It's Been"

eugene nick (enick@unlinfo.unl.edu) wrote:
: Does anyone know what mod's can be done to a Kenwood 241a @m Rid? I
: don't want the mod's I just want to know???
: --
: HERE'S TO A LONG LIFE AND MERRY ONE!
: A QUICK DEATH AND A EASY ONE
: A GOOD LOVER AND A TRUE ONE
: A COLD BEER AND ANOTHER ONE!!!

1098. IC-706 Any Feedback?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: dhinch@cello.gina.calstate.edu
Message-ID: <41rllp$lf6@cello.gina.calstate.edu>
Source record: 213344

I just saw the ad in the new QST for the IC-706. Has anyone seen one and had any experience with it? Looks pretty interesting. Any info on the pricing? Thanks in advance.

73 Dave KE6MYC
--

1099. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <41qovq$k4t@bighorn.accessnv.com>
Source record: 213345

I agree with Joel. The guy who buys a radio with expectations of using for other than what intended should be able to read specifications sheets. The net result is that if he can't and bitches to everyone about it, he is either a gomer or a whiner. Many radios now on the market require modification to just get extended receive. Some involve the out of band transmit as well. Seek your own poison. At some point in time FCC will mandate type acceptance of transmitters requiring that they absolutely only work on frequencies specified.
The technical whizard who stated that dumping it back on the manufacturer never made mention that AM at best would require 10uv of signal to have a demodulation. Also, the technical wizard didn't mention that he was probably using a antenna cut for 144 and the wrong polorization as well.

KG7D

1100. Re: Filament voltages?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Aug27.185144.19384@grian.cps.altadena.ca.us>
Source record: 213346

wilder@clark.net (richard l wilder k3di) writes:
>JEFF SUMBERG (jeff.sumberg@sailboard.com) wrote:
>: I picked up the following transmitting tubes for "shelf duty" (curio items),
>: and I'd like to try to light the filaments. Could anyone supply the filament
>: voltages, and current drawn if you know, for the following tubes:
>: Eimac 100T
>: 6155
>: 4-65A
>: Email will be fine. Thanks : 73 de N2VYU

>4-65 6.0v 3.5a
>6155 5.0v 6.5a AKA 4-125A and 4D21. 125w Plate dissipation.
>100T Is this a 100TH or 100TL? They are 5.0v 6.3a

DON'T put 6.3v on the 4-65's - the overvoltage is just enough to shorten
the life quite a bit. In fact, I'd put a series resistor in line such
that they got about 5.8 or 5.9 if you're going to use them for display
purposes.

A friend of mine ran into this problem on an old GE Progress line 440
transmitter that he had modified for 220mhz. Aparently some GE EP-4
power supplies got out the door with an extra turn on the filament
transformer - a 1/2 ohm 5 watt resistor in line with the winding brought
the voltage from 7.<something> to 6.3 and boosted the 6907 tube life
from 8 months to several years.

--

Mike Morris morris@grian.cps.altadena.com
I have others, but this works the best.
This message assembled from 100% recycled electrons (and pixels).

1101. WTB: Tone pad TR-7600 (Kenwood)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: glidden@greene.pgh.net
Message-ID: <41oeae$dge@dropit.pgh.net>
Source record: 213394

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs in the back into a 3 or 4 pin socket. If you have one of these lying around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad that I could use into the mic, but I would rather have a plug in unit if possible.

Thanks .

1102. Opinion on Periphex batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: lynch@galileo
Message-ID: <41odnv$dlh@newsgate.sps.mot.com>
Source record: 213395

I purchased a FND-26 battery for my Yeasu ft-530 about one
year ago from Periphex. The price was right, about half what
Yeasu wanted for the same battery.

Recently, the battery quite taking a charge. I have not really
used it that many times (maybe 15-20 charges). I just wanted
to know, is this a case of you get what you pay for or was it
just a fluke that this particular battery went bad.

The battery that came with the radio is still working fine and it
has gone through several more charging cycles than the one
I purchased from Periphex.

Anyone else out there had a good or bad experience with Periphex
batteries.

Scott Lynch
KC7ADV

lynch@chdasic.sps.mot.com

1103. Re: Opinion on Periphex batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: jmusto@neca.com
Message-ID: <41ohp9$oph@taurus.neca.com>
Source record: 213396

lynch@galileo (Scott Lynch) wrote:

>I purchased a FND-26 battery for my Yeasu ft-530 about one
>year ago from Periphex. The price was right, about half what
>Yeasu wanted for the same battery.

>Recently, the battery quite taking a charge. I have not really
>used it that many times (maybe 15-20 charges). I just wanted
>to know, is this a case of you get what you pay for or was it
>just a fluke that this particular battery went bad.

My two Yaesu packs [FNB-25's both real Yaesu] have crapped out after
only 25 or so charges. They both hold a charge for about an hour
[with the radio OFF]!

1104. Kenwood repair?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: stever@raven.cybercomm.net
Message-ID: <41omua$2d3@crow.cybercomm.net>
Source record: 213397

I have a Kenwood 940a that needs some repair. Does anyone have any opinions as to which facility gives better/more successful service between California or Virginia. Problem tends to be intermittent PLL and display problems. I expect if I send it out, it will just come back with same unfixed problem.

Thanks, Steve WA2NHZ

ps not simple dirty or loose grounds or molex connectors...I think the VCO has to have wax removed and I don't want to get involved with that.

either post here to group or e-mail to: stever@raven.cybercom.com

--

1105. Help on TV tuner/frame grabber card!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: fred.mccay@totrbbs.radio.org
Message-ID: <12049.12.uupcb@totrbbs.radio.org>
Source record: 213398

HE-E-E-LP!
I'm trying to find software or any info on the manufacturer of a TV tuner card for IBM compatibles.

I've got a TV tuner card that supposedly will also do frame grabbing. I'd like to use this for slowscan TV if I can find the manufacturer or the software. I'd appreciate any suggestions or pointers toward a more appropriate group. HAS ANYONE SEEN THIS CARD?
Thanks in advance, Fred (KD4WOS)

Details:
* 16 bit ISA card
* No manufacturer name on the card, but it does have a logo silkscreened on the board: A desktop computer with monitor on top, and a set of TV antenna rabbit ears coming out of the monitor.
*FCC ID: F2PTV
*Has "RBG" etched and Patent Pending screened on lower left of board.
*Some of the chips include a Chips & Tech F28C9001, several Phillips chips (TDA4680 for one)...
*Probably mfg'd around 1992, based on chip date codes (9135)

```
---------------------------------------- ------------------
| ++++++++++ | | |<antenna
| ()line out to vga card | Tuner module | |
| feature conn. ------------------ |<vga out
| | | | | | | |<vga in
| | | | | | | |
| | | | | | | |<vcr in
| memory (I think.) |<unknown
------------------------------------ ||||||| - |||||||||||| -|
|-------| |------------| |
|
```

-_
Internet: fred.mccay@totrbbs.radio.org
Snail: Fred McCay | 7315 Flowery Branch Rd. | Cumming, Ga. 30131
Ma Bell: (770) 887-6013
_-

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1106. What Happened to CALLSIGN.CS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: droznar@best.com
Message-ID: <41qlfv$o9t@news1.best.com>
Source record: 213399
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I hope someone here knows the answer to this. I used to Telnet to....
callsign.cs.buffalo.edu 2000 and use their online callbook. I know there are a
lot of others, but this one would let you look up a persons NAME, etc. I used
it to find a friend, since he has long since changed his call.

I tried it yesterday and it did not respond with the callsign server. Anyone
know what happened, or of another one that lets you use NAME as an input?

==========
Dave Roznar - W6TGE

Saratoga, CA

email droznar@best.com
==========

1107. Computer Control of Icom IC-R7100

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: pbutlalj@ia.net
Message-ID: <41qoge$i0m@hera.ia.net>
Source record: 213400
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Hello,

I have a friend with one of these radios and he would like to
build the interface and program his own computer to control the radio.
The only problem that he has is that he cannot find the protocols that
the radio uses to be controlled. He would like to get the information
that is needed to make the radio listen to the computer commands. He is
most interested in the data bits and the baud rate and what the actual
commands are that need to be sent out the computer serial port.

Please respond via E-mail and here if you have an answer to this.
He realizes that he could do the solution by throwing money at the
problem but he wishes to do it the old fashioned way and do it himself.
--
Allan Butler KA0IES
ajbutler@ia.net

1108. REJECTED: Ham-Equip Digest V95 #364

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-27 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9508270847.AA00036@rtp41.rtp.dg.com>
Source record: 213401

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #364
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 364

Today's Topics:
Icom R-7000 problem
REJECTED: Ham-Equip Digest V95 #363

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 1995 03:50:53 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: Icom R-7000 problem

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered
>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the

>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

Date: 27 Aug 95 00:33:08 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #363

----- Mail rejected by CEO. -----
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----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #363
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR
Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)
Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months ago,
I encountered a lot of talk about whether memory settings could be cloned from
one FT530 to another. I believe that the answer was yes and that it could be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come out with the
FT51R which is programmable (not just cloneable) through this plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level
switch for rcvd audio. It picked up rf bad enough to hear it across the
room. After installing a K-com at the handset rf could still be heard,
but it was less than 1/2 as loud as the voice at the other end of the
line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire
for each side of the line. So it appears to be just a choke. I assume

it has quite a bit more inductance than you could get by wrapping the
cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to
an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits or
: just common mode ferrite chokes? If they are just ferrite, then they would
: appear to be a little pricey relative to the typical snap on ferrite chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB, 80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings up
: another question - how much ferrite at the back of the phone do you need to
: choke HF off a telephone line? I suspect that a single ferrite snap on choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or
just common mode ferrite chokes? If they are just ferrite, then they would
appear to be a little pricey relative to the typical snap on ferrite chokes
which are widely available. I've got a bit of telephone RFI (100w, SSB, 80
- 10m, low dipoles) so far no luck with ferrite. Which of course brings up
another question - how much ferrite at the back of the phone do you need to
choke HF off a telephone line? I suspect that a single ferrite snap on choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken
N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO
glue. I fixed my own, the rest sent them in for repair. One has been
repaired in other ways, but that's because N1JWR won't take the time to
get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to
carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now
the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for
the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another
need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've
been Dxing. If this only had side band I would be totally happy. I run
it on a Diamond J-130 discone and i can get out and around very well.
i don't use it much for the AM air craft band, but i do listen to the

railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led
remains on in TX and RX. There is no indication on S-meter in TX, and I
suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

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No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
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To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com writes:
|> I operate CW most of the time and am interested in either the Timewave 59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency
to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all

the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
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----- Unsent message follows -----
From: ham-equip@UCSD.EDU

To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
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REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>

>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern
since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard
Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but
you

must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF?

Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The
location of the supply and what it plugs into have no effect on the
parameters mentioned.
I can think of threads of logic that may be distorted into forming that
conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It might be a bit bigger than the 811A tube, I don't know. If it will fit, is it electrically near the 811A? What is the result, more power? More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based 811A as opposed to the bakelite based ones? I see RF parts advertise the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore power out but they will last forever. Collins recommends that you change out one of the one of the caps in the 30L-1 for best operation with a 572B but I've tried them with a stock unit and it seemed to work fine. If your really interested in this mod I can dig through my stuff and tell you which cap to change.

As far as the ceramic based 811A, I've used bakelite 811 and 811A tubes for years and have never found any problems. I wouldn't spend any extra for a ceramic base but if its the same price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the
accuracy of this wattmeter at less than 5 watts. I have both QRP and
regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP
level is most important. Or...do I need to get a QRP wattmeter (I
understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al
and see if you can get a better handle on this. I live in Minneapolis
and know the guys personally, and they will do what is necessary to make
you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan) writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants (verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases, partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they

gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset Communicator IV. Photocopies would be fine, also. Please email me with any offers.

Thank you and 73--
Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency display for my TS-520SE? If someone wants to sell one please contact me at:

Phil_Hawkins@qmgate.incyte.com
~~~~~

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
: >quite a bit and consume more than the DC adapter is supplying to the battery,
: >eventually I can't transmit at all (I have to wait until the battery recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then

to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six
Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to
your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF
vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)
Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo---

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show
indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.

-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs
in the back into a 3 or 4 pin socket. If you have one of these lying
around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad
that I could use into the mic, but I would rather have a plug in unit
if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
****

End of Ham-Equip Digest V95 #364
****

1109. Re: IC-32E resets VHF memories...why ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: tfugate@pop.uky.edu
Message-ID: <41tge1$34h@service1.uky.edu>
Source record: 213202

In article <DDtAn8.4Ay@lut.fi>, tuomi@kyy.cc.lut.fi (Pasi Tuomi) says:
>
>I have a problem:
>
>When my ic-32e has been a few hours without its battery or
>dc-power, a memory channels which have VHF frequencies are resetted,
>but channels that hold UHF freqs are ok and are not resetted ????
>
>Does anyone know why ?
>
>Is there two backup batteries, one for each band ? (I guess, no.)
>
>I do not have scema just now so I can't hunt that error myself.
>
>Any ideas ????
>
> de Pasi
My IC-28A and R2000(Kenwood SW) both had the same symptons as you
describe. The internal Lithuim back up 3v batery (Br2026???) went
south. You can likeky get these bateries at Radio Shack.
My R2000 wnet thru Litiums cells about every 6mths. I used one of
those large "C" backup cells(about 1F at 5v) in both the IC-28A and
the R2000. I forget what value of resitor I used to charge the "C".
My IC-28A will go at least 2Mths without lossing its mem.
.....
Terry Fugate
UKTV
University of Kentucky
"The opinions expressed herein are mine, and soley mine. They do not
represent the official view of the University of Kentucky,
the State of Kentucky, or any agency of any government or agency.
If you do not like my opinion, just get on with your life.
I will not change your mind
and you damn sure can not change mine."

1110. Re: SB220 circuit improvements?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <41tsmi$ke1@nile.intac.com>
Source record: 213203

If you want a compendium of mods for the SB-220 Amplifier, contact Robert Kozlarek, WA2SQQ. He has put together a book of mods for this amp, all tested and in use by their authors. He may still have an ad running in QST, or you can contact him direct. He's good in the callbook.

73's es GL

Gary, WA2BAU

1111. Sell

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: planck@iquest.net
Message-ID: <DE1M20.BAq@iquest.net>
Source record: 213204

FOR SALE: Grundig SAT 700, 3 mo old, $300 shipped
Bearcat 9000 XLT W/GRE 800 MHZ Conv, 4 Mo old, $325 shipped
Kenwood TS440SAT xcell cond ,20 million S/N $650 Shipped
Ameritron AL80B amp, 3 MO OLD $725 shipped
Sangean ATS818 shortwave receiver, good cond $75 shipped

PH 317-724-3178 DeWayne AA9AF or write to :

DeWayne Planck
1407 Lincoln Ave, Lot 4
Alexandria, IN 46001

planck@iquest.net
73

1112. REJECTED: Ham-Equip Digest V95 #371

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9508281146.AS00036@rtp41.rtp.dg.com>
Source record: 213205

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #371
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Mon, 28 Aug 95 Volume 95 : Issue 371

Today's Topics:
2 Meter + Business VHF
DSP Filter Advice??
Gateful dead on PBS
Icom IC-24AT help
Opinion on Periphex batteries
REJECTED: Ham-Equip Digest V95 #370
WANTED! Icom 2000H tx-mod
Yaesu FT51R

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 07:14:10 GMT
From: Cedric Brown <72401.2427@CompuServe.COM>
Subject: 2 Meter + Business VHF

The question is: Are there any radios that can do 2m FM and High Band
commercial?

The Bendix/King and other were mentioned. Add to this the Motorola Saber
handheld.These can be found on the used market. It helps if you have a source
inside of Motorola. If you want a mobile try a Motorola Syntor, and if you
what complete frequency agility as opposed to a prom-bound radio you need to

get yourself an Anaconda control head for the Sytor, I don't have the address handy but I will post it later.

Cedric

Date: 24 Aug 1995 00:22:53 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: DSP Filter Advice??

>I operate CW most of the time and am interested in either the Timewave 59+
>or MFJ 784B. Any advice? The areas of most concern are:

I've had both here and the MFJ is much better for CW.

>Does the unit generate its own noise? This is really irritating when I
>use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
>for selectivity. I listen with headphones. QST panned the 59+ in this
>area.

I've heard the early 784 sucked in this area, but the 784B I use is very very quiet.

>How does the unit handle CW spotting?

You push a button and hear a tone that matches the filter center frequency. Like zero beating.

> Can you hear your own sidetone if it's the same frequency as the received >signal?

You can either program the sidetone internally or use a T/R line that bypasses the filter on TX. I bypass mine and run QSK with no problems.

>How well does the noise reducton feature work?

OK, but better with wide selectivity. I think any audio noise limiter is asking for a lot though!

>Thanks Gary WB7FCQ

73 Tom

Date: 27 Aug 1995 20:57:16 -0700
From: teixeira@ccnet.com (TEIXEIRA)
Subject: Gateful dead on PBS

"What A Long Strange Trip It's Been"

eugene nick (enick@unlinfo.unl.edu) wrote:
: Does anyone know what mod's can be done to a Kenwood 241a @m Rid? I
: don't want the mod's I just want to know???

: --
: HERE'S TO A LONG LIFE AND MERRY ONE!
: A QUICK DEATH AND A EASY ONE
: A GOOD LOVER AND A TRUE ONE
: A COLD BEER AND ANOTHER ONE!!!

Date: Thu, 24 Aug 95 04:21:30 GMT
From: randyrho@drycas.club.cc.cmu.edu
Subject: Icom IC-24AT help

In Article <coanDDpvCz.Mq1@netcom.com>
coan@netcom.com (John Coan) writes:
>Gary, my BNC connector on this radio keeps coming loose ... and I took it
[snip]

Yep, my ICOM 24-ATs had the same problem. The way I fixed 'em was
to slightly mash the threads on the BNC where the spanner nut holds
the BNC to the case, then torque the nut down as tightly as possible.
Then re-solder the wire inside the case. I had intended to locktite
the BNC but haven't needed to. They are staying in place despite
repeated duckie removal and car antenna hooking. Even the briefcase
bend hasn't bothered them. It's been well over a year since I fixed
them and so far no trouble.
The biggest trouble I have now is the ^%$#@* power jack keeps failing.
73s
Randy

Date: 27 Aug 1995 21:54:18 GMT
From: "Bruce J. Goldstein" <wa3afs@mhv.net>
Subject: Opinion on Periphex batteries

I have used there replacement inserts and batteries for several years
without a single failure. I believe the batteries (700 mah AA) are now
about 4 years old and have undergone well over a 100 cycles. I do try to
recharge ONLY when the the radio complains about them. Almost never do I
charge them when they are in the middle.lynch@galileo (Scott Lynch)
wrote:
>.
>
>Anyone else out there had a good or bad experience with Periphex
>batteries.
>
>Scott Lynch
>KC7ADV
>
>lynch@chdasic.sps.mot.com
>
>

lynch@galileo (Scott Lynch) wrote:
>
>

Date: 28 Aug 95 01:24:48 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #370

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@ucsd.edu
To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V95 #370
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 370

Today's Topics:
2m/70cm Handheld Reccomendations ?
AEA Isopoles for 2 meters??
Equipment donations appreciated
Icom 775DSP Any comments from new owners?
Icom 775DSP or Yeasu FT-1000D?
ICOM REPAIR, CANADA PHONE NUMBER
Need Extend RX/TX for YAESU FT2500
REJECTED: Ham-Equip Digest V95 #369
Someone wanted IC-2GXAT mods
What Happened to CALLSIGN.CS
X-tals supply house other then Jan Crystal ????
Yaesu FT51R (2 msgs)

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Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Aug 1995 14:00:51 -0600
From: dcomer@mack.rt66.com (David M. Comer)
Subject: 2m/70cm Handheld Reccomendations ?

Probably a FAQ, but I'm new to HAM....

I just passed my no-code yesterday and am looking to purchase an 2m/70cm handheld. 1-1/4 would be nice, but... What I would like is to hear from some experienced handheld users as to the types of features that are particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there are any particular units worth considering, I'd appreciate some input as to your experience with the units. I appreciate your input. Feel free to e-mail me, however, I would guess that there are plenty of new HAMs looking for the same, so a post is preferred.

73

Dave Comer (Waiting on the FCC)

dcomer@rt66.com

Date: Thu, 24 Aug 1995 16:22:57 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: AEA Isopoles for 2 meters??

In article <41657n$sjq@sanews.uswc.uswest.com> "Dennis A. Mason" <damason> writes:
>i'm not sure about the isopole for 2 mtr's , but i had one for the 440
>and was not very impressed with it. i could hit repeaters with my
>rubber duck ant. better than the isopole ant.
>this is my experience with them.
>73 gud luck
>kd4gan

Something was wrong with that Isopole, or its feedline. The 440 Isopole is a very well made antenna, and normally works quite well. (Of course it doesn't have the gain of a big colinear, but what did you expect? It should easily outperform a Ringo or a rubber duck.)

The 2m Isopole is a bit cheesier, you have to supply the mast part yourself. If you put it together right, and get good electrical connections to the mast you supply, it'll still beat a 2m Ringo (of course nearly anything will).

Hmmm, it seems I'm damning the Isopoles with faint praise. Well, they aren't the best antennas out there, and they aren't the cheapest antennas for what they do, but still they aren't as bad as your experience would indicate.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Sat, 26 Aug 1995 18:55:36
From: rfs@usa.net (Rich Scheuerer)
Subject: Equipment donations appreciated

I have recently introduced a number of students, by way of a short class, to amateur radio. The response by them was very positive and I have made one of my goals for this next semester to get a station going for them at the school. Equipment donation of any sort would be very helpful.

The school is called the Challenge School and is a charter school for the Cherry Creek School district located in southeast Aurora, Colorado. It emphasizes education in the sciences and a station would fit right in with not
only their curriculum but the interest expressed by many students I have spoken with. The grades of focus are 3rd to 8th, with middle school grades (6,7,8) being where the most interest has been.

For myself, this is a first experience, and am very much looking forward to following thru on this if I can get the needed gear. Unfortunately, there is not any current funding for it so donations is the way to go.

If you have any donations, I will provide you with a receipt clearly indicating the schools appreciation and the approximate value if you would like for tax deductibility. Please enclose the estimated value of the equipment if you have any idea. This station is starting from zero, so anything would be great and we are very much hoping someone has a tranceiver which they would like to pass along to a very curious bunch of kids!

Thanx much,

Rich Scheuerer, K0ZX aka rfs@usa.net
18156 East Baker Place
Aurora, Colorado 80013-5406

Any questions or suggestions, buzz me @ 303-751-1169

Date: 23 Aug 1995 23:26:15 GMT
From: Fewkes <kg7mz@worldaccess.com>
Subject: Icom 775DSP Any comments from new owners?

I am looking at possibly purchasing this rig. Any feed-back from new owners or anybody who has learned anything about the performance of this rig would be
appreciated.

Date: Thu, 24 Aug 1995 15:19:52 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Icom 775DSP or Yeasu FT-1000D?

In article <DDo4D1.GpD@hpqmoea.sqf.hp.com> dstock@hpqmdla.sqf.hp.com (David Stockton) writes:

> DSP
> **********
>
> Things are changing fast, but I'm looking for a converter that can
>digitise, say, a 15 kHz IF with *at least* 18 bits of true, reliable,
>dynamic range. Remember, digital systems don't degrade gracefully, they
>just hit endstops, hard, so you need to be very careful about overload
>margins. I would use such a converter in a receiver that had very little
>overall gain from the antenna to the converter. These have not yet
>emerged on the industrial/military market, and there would be a further
>delay before the price entered the amateur range, and new transceivers
>were designed around them. (not just stuck on the tail end, a full new
>design from scratch is needed)

Commercial flash converters that can handle HF are rarely over 8 bit
resolution, and that's not nearly enough. A bit of clever scaling
should let you parallel two of these to get 16 bits. But these converters
are still in the $100 range, I think that may be the wrong approach.

A 1 bit flash converter working at HF is rather trivial, even in discretes.
It seems to me that using a heavily oversampled 1 bit converter and
decimation of the resulting bit stream should give us what we want without
needing to wait for the chip makers to give us an integrated solution.
Remember, we only have to sample at a multiple of the receiving *bandwidth*,
and not at a mulitiple of the actual IF frequency because such sampling
aliases down to baseband. Opinions?

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 27 Aug 1995 09:55:57 GMT
From: aa766@freenet.hamilton.on.ca (Michael Panopoulos)
Subject: ICOM REPAIR, CANADA PHONE NUMBER

Hello and many thanks for reading this. I am in need of a telephone
number, address, e-mail address (anything) for ICOM. I wud like to
contact them for parts.

73 Mike VE3AHQ

--

Date: 28 Aug 95 10:16:09 GMT
From: py3dzz@lec-bbs.pu3akm.ampr.ORG
Subject: Need Extend RX/TX for YAESU FT2500

Hello to all!

Y need modifications for extend rx/tx for YAESU FT 2500.

tanks in advanced

Please send a mail for:
PY3DZZ2LEC-BBS.PSICO.UFRGS.BR
PY3DZZ@LEC-BBS.PSICO.UFRGS.BR
PY3DZZ@PY3DZZ.AMPR.ORG

73. Claudio

Mailbox : PY3DZZ @ PY3DZZ.RS.BRA.SA
AMPRNet : py3dzz@py3dzz.ampr.org

Date: 27 Aug 95 19:35:04 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #369

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #369
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 369

Today's Topics:
12V Nicad Batteries
Drake TR7 SSB receprtion bad
FT530 programming
Heathkit HO-10 Monitor Scope question.
Mods/Manuals for IC271E and IC471E
Need: MFJ-8621 schematic
Need help with Super super Dentron tuner
REJECTED: Ham-Equip Digest V95 #368
w1fb,rtty
Want band switch
Wanted: UHF MX-300S manual
Where can I get a gel cell battery?
Yaesu FT290-II blowing lamps

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 18:19:06 GMT
From: swdecato@nps.navy.mil
Subject: 12V Nicad Batteries

I recently bought two 12V 1.4ah NICAD batteries from Radio Shack.
They were designed for a laptop computer but I figured with a
cigarette lighter plug I could use them on my HT. What type of
power supply (i.e. voltage and output amperage) should I use
for these batteries?

Thanks in advance.

steve
KA5DLB
swdecato@nps.navy.mil

Date: 24 Aug 1995 15:53:49 GMT
From: archive@flash.ATC.Olivetti.Com (DCG Mktg Docmnt (Ivrea))
Subject: Drake TR7 SSB receprtion bad

Date: Sat, 26 Aug 1995 23:13:08 GMT
From: jjmartin@world.std.com (Jim Martin)
Subject: FT530 programming

hillgen@er7.rutgers.edu (the one) wrote:

:>Recently, Yaesu has come out with the FT51R which is programmable
:>(not just cloneable) through this plug.
:>An I correct in assuming that the 51 programming software would work on the
:>530? What do you think?

530 is not clonable (I have one) nor is it programmable with the 51
programming software...

As far as I know...

73 de

Jim Martin, WK1V	I speak for no one...Not
Lowell, Massachusetts	even for myself!
USAF (Ret)ained	#include "std_disclaimer.h"
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	Intentionally Left Blank

Date: Wed, 23 Aug 95 12:26:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monitor Scope question.

I recently bought a Heathkit HO-10 monitor scope at a hamfest. I'd like to locate somebody else with one of these. I have two questions to ask you:

1 - Do you have the manual? I am missing page 41 of my manual. The manual say "Condensed Manual" on the front, and carries the number 595-578-1. I'd like to get the missing page. (scanned->UUencode->Email, or FAX, or mail a copy).

2 - When the scope is in operation, the trace appears as a broken line rather than a solid line from edge to edge. As you turn up the sweep rate, the segments get smaller and more of them appear across the face of the tube (about 2 segments when slow, about 6-10 when at fast sweep). Is this normal operation? The unit works fine, and the displayed patterns look good, except for this "broken up" appearance.

This isn't the way they are shown in the manual which leads me to believe there is some signal, like a square wave, riding on the vertical deflection section (just a guess). I figured before I looked into the unit I'd ask.

Thanks in advance.

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

Date: 23 Aug 1995 11:35:55 GMT
From: Marinus Willemstijn <willemma@telkom19.telkom.ca.za>
Subject: Mods/Manuals for IC271E and IC471E

I am looking for manuals (service/Operating) for these two rigs.
Also if anyone can help me get hold of any modifications for them.

Thank you very much.

Marinus Willemstijn
ZS6MAW
Voice : +27 12 3256503
Fax : +27 12 3114438
Internet : willemma@telkom19.telkom.co.za

Date: 27 Aug 1995 13:52:56 -0400
From: skulyov@freenet.columbus.oh.us (Sergei Kulyov)
Subject: Need: MFJ-8621 schematic

Hi gang. I'm looking for the schematic of the Data radio MFJ-8621.
Will appreciate for any help.

73 ! Sergei AA8OT, UA3AP

Date: 27 Aug 1995 13:41:07 -0400
From: skulyov@freenet.columbus.oh.us (Sergei Kulyov)
Subject: Need help with Super super Dentron tuner

Hi gang. I have a Super super Dentron antenna tuner with one
missed part inside. There one air vary capacitor, balun,
couple air core coils.
Does anybody could help with schematic or suggestion about the
missed part?

Thanks,

73! Sergei AA8OT, UA3AP

Date: 27 Aug 95 15:03:54 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #368

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@ucsd.edu
To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V95 #368
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 368

Today's Topics:
Does anyone know of where I can get a battery cover plate for HTX-202
Kenwood uses false advertising?
mfj-8621 packet radio probs
REJECTED: Ham-Equip Digest V95 #367
Yaesu FT-11R Mods Requested

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 17:57:48 GMT
From: morganp@fn1.freenet.edmonton.ab.ca ()
Subject: Does anyone know of where I can get a battery cover plate for
HTX-202

I would like a battery connection cover plate for my HTX-202 because when I
operate from external power I'm supposed to take the battery pack off but
that
leaves the battery connectors to possibly get damaged, any ideas?

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo---
-

Date: Thu, 24 Aug 1995 16:11:54 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Kenwood uses false advertising?

In article <41aupj$4mt9@yuma.ACNS.ColoState.EDU> fiz
<fiz@lamar.colostate.edu> writes:
>
>AND I WILL NEVER BUY A KENWOOD AGAIN...

You're learning. :-)

However, don't be so dogmatic, Kenwood may (insert miraculous intervention
of the Virgin here) get their act together with VHF/UHF rigs one day.
Remember, it wasn't that long ago when Yaesu couldn't build a HF rig,
now they're the top dog in that department. Changes can happen, so
keep your options open.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Sat, 26 Aug 1995 10:24:51
From: billv@olympus.net (Bill Vaughn)
Subject: mfj-8621 packet radio probs

I just received an mfj-8621 packet data radio (after waiting 8 months) I put new factory xtals in it and retuned the unit. After checking it with my service monitor I discovered that upon tx key the freq drifted from about 2k away to an onfrequency condition but it took aprx a second for it to do so.

I am delaying the tx key for that amount of time but it seems to negate the fast diode switching. It has no heater for the xtal but I have worked on many
radios with no oven that did not do this. Any suggestions for a fix.

Date: 27 Aug 95 10:23:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #367

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #367
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 367

Today's Topics:
REJECTED: Ham-Equip Digest V95 #365

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Aug 95 07:32:38 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #365

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #365
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 365

Today's Topics:
572B tube in Collins 30L1 ???
HF Receiver Question? (2 msgs)
REJECTED: Ham-Equip Digest V95 #364
Several Items
Yaesu FT51R

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 95 05:17:40 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: 572B tube in Collins 30L1 ???

dsnowden@ccd.harris.com (Doug Snowden) wrote:

>Subject says it. Will the 572B tube fit in the 30L1? Physically? It
>might be a bit bigger than the 811A tube, I don't know. If it will
>fit, is it electrically near the 811A? What is the result, more
>power? More reliablity? Or a waste of money?

The 572B is virtually identical to the 811A but with a much greater
plate dissipation (160W VS 65W). Unfortunately, in order to make use
of that additional dissipation, you need to raise the plate
supply to about 2500V. Personally, I wouldn't spend the extra money
as replacements for the Collins.

>Along the same line, what is the advantage of using a ceramic based
>811A as opposed to the bakelite based ones? I see RF parts advertise
>the ceramic based ones at quite a bit more money..

I'm not aware of any advantages offered by the ceramis base, but maybe
there's another reason for the price difference. Wonder if the
ceramics are U.S. made?

73,

Jack WB3U

Date: 26 Aug 1995 21:18:48 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I don't buy this. Have you ever looked inside the supplies that come
>from Kenwood or Yaesu? They don't have current limiting or OVP in them
>at all. They don't even put an MOV on the primary in most cases. They
>are a bare bones power supply. Most people who opt to buy someone else's
>supply end up with an Astron or something similar. They have much better
>protection than the factory supplies.

>Gary

Yes Gary, but the original question was would an internal power supply
improve the RECEIVERS dynamic range, noise floor, etc.

I sure think the correct answer to that question was NO.

Date: 26 Aug 1995 17:10:09 GMT
From: amnet@ix.netcom.com (ANDRES MARTINEZ)
Subject: HF Receiver Question?

>
>>I was listening to a conversation on 75 meters the other day. These
two
>>guys were talking about the best HF transcievers on the market, and
one
>>of them made the point that a rig that had a build in AC power supply

>>always had better sensistivity, dynamic range, etc. than a radio that

>>required a 12- 15 volt external power supply.
>
>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming
that
>conclusion, but it is a giant leap.
>
>You hear a lot of strange stuff if you listen long enough.
>
>73 Tom

One reason I can think of for that being true, is that most internal
power supplies are better built by the manufacturers than a cheap
external power supply a user may use in some cases. If you use a good

quality external power supply, then the should be no difference in
reception.

andres - YV5-KRI

Date: 27 Aug 95 04:23:10 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #364

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #364
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 364

Today's Topics:
Icom R-7000 problem
REJECTED: Ham-Equip Digest V95 #363

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policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 1995 03:50:53 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: Icom R-7000 problem

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered

>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the
>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

Date: 27 Aug 95 00:33:08 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #363

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #363
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR
Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)
Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months
ago,
I encountered a lot of talk about whether memory settings could be cloned
from
one FT530 to another. I believe that the answer was yes and that it could
be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come
out with the FT51R which is programmable (not just cloneable) through this
plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level

switch for rcvd audio. It picked up rf bad enough to hear it across the room. After installing a K-com at the handset rf could still be heard, but it was less than 1/2 as loud as the voice at the other end of the line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire for each side of the line. So it appears to be just a choke. I assume it has quite a bit more inductance than you could get by wrapping the cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits or
: just common mode ferrite chokes? If they are just ferrite, then they would
: appear to be a little pricey relative to the typical snap on ferrite chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB, 80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings up
: another question - how much ferrite at the back of the phone do you need to
: choke HF off a telephone line? I suspect that a single ferrite snap on choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or

just common mode ferrite chokes? If they are just ferrite, then they would

appear to be a little pricey relative to the typical snap on ferrite chokes which are widely available. I've got a bit of telephone RFI (100w, SSB, 80
- 10m, low dipoles) so far no luck with ferrite. Which of course brings up
another question - how much ferrite at the back of the phone do you need to choke HF off a telephone line? I suspect that a single ferrite snap on choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken
N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO glue. I fixed my own, the rest sent them in for repair. One has been repaired in other ways, but that's because N1JWR won't take the time to get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've
been Dxing. If this only had side band I would be totally happy. I run
it on a Diamond J-130 discone and i can get out and around very well.
i don't use it much for the AM air craft band, but i do listen to the
railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led
remains on in TX and RX. There is no indication on S-meter in TX, and I
suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

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Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded
it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU

Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com
writes:
|> I operate CW most of the time and am interested in either the Timewave
59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>

|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency
to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's

also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern
since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard
Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard

>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but you
must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF? Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The location of the supply and what it plugs into have no effect on the parameters mentioned.
I can think of threads of logic that may be distorted into forming that conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It
might be a bit bigger than the 811A tube, I don't know. If it will
fit, is it electrically near the 811A? What is the result, more power?
More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based
811A as opposed to the bakelite based ones? I see RF parts advertise
the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore
power out but they will last forever. Collins recommends that
you change out one of the one of the caps in the 30L-1 for
best operation with a 572B but I've tried them with a stock
unit and it seemed to work fine. If your really interested in
this mod I can dig through my stuff and tell you which cap to
change.

As far as the ceramic based 811A, I've used bakelite 811 and
811A tubes for years and have never found any problems. I
wouldn't spend any extra for a ceramic base but if its the same
price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the accuracy of this wattmeter at less than 5 watts. I have both QRP and regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP level is most important. Or...do I need to get a QRP wattmeter (I understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al and see if you can get a better handle on this. I live in Minneapolis and know the guys personally, and they will do what is necessary to make you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan)
writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>

>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they
gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83

*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are
the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time
and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap
to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset
Communicator IV. Photocopies would be fine, also. Please
email me with any offers.

Thank you and 73--
Ken

--

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------------------------------------------------------------------------------
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency display for my TS-520SE? If someone wants to sell one please contact me at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
: >quite a bit and consume more than the DC adapter is supplying to the battery,
: >eventually I can't transmit at all (I have to wait until the battery recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)
Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--

>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct
in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo----------

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show
indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs
in the back into a 3 or 4 pin socket. If you have one of these lying
around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad
that I could use into the mic, but I would rather have a plug in unit
if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
******

End of Ham-Equip Digest V95 #364
******

Date: 23 Aug 1995 18:06:27 GMT
From: rasta@stlucia.net (Paul O'Connor)
Subject: Several Items

Timewave DSP 9+ $200.00
KW SM 230 Scope Box Manuals etc.$650.00
MFJ-989C 3K Tuner (new industor coil) $200.00
Hayes Optima 14.4 Modem.....$150.00
Yaesu MD-1 c8 Mic (never used).....$75.00

Call 717-232-2015 if interested

Date: 27 Aug 1995 06:43:05 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Yaesu FT51R

I bought one a couple of weeks ago. I haven't talked much on it, but I
have used it several times in a QSO with a friend on a repeater. On full
5 watts, it seems like it will be useable for at least twenty minutes of
back and forth talking. On the next lower power (3.5 watts, I think) it
seemed like we could just keep talking into the night. The back got a
little warm, but evidently not warm enough to do anything during the 1.5
to 2 hours I was using it.

Max
N7NWG

End of Ham-Equip Digest V95 #365
****

End of Ham-Equip Digest V95 #367
****

Date: 27 Aug 1995 11:30:47 -0400
From: capthemloc@aol.com (CaptHemloc)
Subject: Yaesu FT-11R Mods Requested

I would like to obtain a copy of the extended TX mods for the Yaesu FT-11R
(hope that's the proper designation). If anyone can help please post
information here, or E-mail to CaptHemloc@aol.com or
73662.350@compuserve.com. Or you can fax the information to 706-745-6531.
Thanks for any input.

73
KE4CTS

End of Ham-Equip Digest V95 #368
****

Date: 26 Aug 1995 23:45:39 GMT
From: rrk@indirect.com
Subject: w1fb,rtty

> daveb@buffnet.net (dave) writes:
> Interested in comments about w1fbs' contest program.
>
> Good / Bad ??
>
> thanks
>
> --- daveb ---
>
>>>>

Without a doubt, the best RTTY contest program available. You won't go wrong
or regret
getting and using this program. Count me among the many satisfied users.

Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | is a fault in reality.
Phoenix, AZ email: rrk@indirect.com |

Date: 23 Aug 1995 23:12:51 GMT
From: kk5dr@bga.com
Subject: Want band switch

I have got a good switch now.
Thanks to KF5MC

73 de KK5DR

Date: 27 Aug 1995 12:34:15 -0700
From: jmroden@crl.com (James M. Roden)
Subject: Wanted: UHF MX-300S manual

[Article crossposted from rec.radio.swap]
[Author was James M. Roden]
[Posted on 27 Aug 1995 12:32:11 -0700]

Greetings. As stated, I'm looking for an MX-300S UHF manual. Also need
prom for same. Please e-mail with info...
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio

Date: Sun, 27 Aug 1995 19:23:30 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Where can I get a gel cell battery?

morganp@fn1.freenet.edmonton.ab.ca () wrote:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?

Try:

W & W Associates
800 south Broadway
Hicksville, NY 11801-5017

800-221-0732 (toll frre in US and Canada)

If you have any local HAM Swaps in your area, you might wish to try
those as well.

Date: Wed, 23 Aug 1995 05:29:49 GMT
From: rafaels@zimmer.CSUFresno.EDU (Rafael Solis)
Subject: Yaesu FT290-II blowing lamps

A friend of mine with no net access asked me to post a question about
his Yaesu FT290 Mark II all mode 2m xceiver. He has changed the lamps
in the power meter twice and he wonders if there is a way to reduce
the voltage going to that tiny lamp. Has anyone experience burnt
lamps on this radio. Yaesu charges $30 for changing the lamp!

Thanks and 73

Rafael (KE6JSR)

End of Ham-Equip Digest V95 #369
****

Date: 24 Aug 1995 01:21:48 GMT
From: Mclawson@intersource.com (Mike Clawson)
Subject: Someone wanted IC-2GXAT mods

Thank you for the info!!!

In article <tcalof-2208951558320001@dial079.mbnet.mb.ca>,
tcalof@minet.gov.mb.ca says...
>
>Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here

are
>the ones I know about:
>
>IC-2GXAT mods:
> 1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same
time
>and turn radio ON. Or, cut diode D13 on logic unit.
> 2) Extended tx. Cut diode D14 on logic unit.
>I have done the keypad mod for extended rx and it works without any
mishap
>to the radio. 73/Terry VE4UC

Date: 27 Aug 1995 20:44:47 GMT
From: droznar@best.com (Dave Roznar)
Subject: What Happened to CALLSIGN.CS

I hope someone here knows the answer to this. I used to Telnet to....
callsign.cs.buffalo.edu 2000 and use their online callbook. I know there are
a
lot of others, but this one would let you look up a persons NAME, etc. I used

it to find a friend, since he has long since changed his call.

I tried it yesterday and it did not respond with the callsign server. Anyone
know what happened, or of another one that lets you use NAME as an input?

==========
Dave Roznar - W6TGE

Saratoga, CA

email droznar@best.com
==========

Date: Fri, 25 Aug 1995 13:04:11 -0700 (PDT)
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Subject: X-tals supply house other then Jan Crystal ????

On Fri, 25 Aug 1995, Charles V. Boehnlein wrote:

> I have a radio that needs a crystal. I had a very good and quick supply
house address
> and phone number but have lost it. Can anyone recommend a good quick
supplier ??
>
> Charlie AD4HH
> cvb@iglou.com
>
>
Charlie, I have bought crystals from a company called "MARDEN

Electronics" 1-800-222-6093. I have been happy with them. They were for a Mocom 70 and its working fine. The cost was 10.00 but that price (4/94) was for a 4 week wait. The faster you want them, the more they cost. also International Crystal is a good company. (I don't have their Phone # handy, Sorry. Our A repeater group back in Nashville used International with good luck. 73's Dale (KD4CVR)

Date: 27 Aug 1995 20:11:09 GMT
From: wd6dih@ix.netcom.com (Kevin Karamanos)
Subject: Yaesu FT51R

In <41q2kt$7ss@crl.crl.com> vsgregg@crl.com (Victor S. Gregg) writes:
>
>Kevin Karamanos (wd6dih@ix.netcom.com) wrote:
>: The FT-51R is designed to reduce power output only when the internal
>: temp sensor is very hot (this protects the finals). The FT-51R does
>: produce 5 watts on both 2m & 440 w/ the E-DC-12 adapter or FNB-38
>: battery.
>: 73's Kevin, WD6DIH
>: YAESU USA
>
>Kevin,
>My experience (and that of atleast one other FT-51R user here in Atlanta)
>is that the radio is too hot to hold after as little as 15 minutes of
>back and forth at full power using the PA-10A. Recently, I was in the
>car and the radio started reducing power after about 20 minutes.
>Can you suggest a heatsink for this radio. I love the RT Systems software,
>but I hate having to wear an oven mitt to QSO.
>
>THX and 73s de KF4BUX Victor

Hi Victor,

My first thoughts are: Check to output and make sure your friends radio is not putting out more than 5 watts..... Also if the temp in the Car is really hot, the radio will reduce power earlier.

FYI and 73's

Kevin, WD6DIH

Date: Thu, 24 Aug 1995 05:12:03 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Yaesu FT51R

swdecato@nps.navy.mil wrote:

>I just purchased a Yaesu FT51R. I am very happy with it but have
encountered
>what might be a problem using the EDC-12 12V adapter. It seems if I chat
quite
>quite a bit and consume more than the DC adapter is supplying to the
battery,
>eventually I can't transmit at all (I have to wait until the battery
recharges).
>I thought the EDC-12 was supposed to provide direct 12V DC and trickle
charge
>the battery. Anyone else having similar problems?

>steve
>KA5DLB
>swdecato@nps.navy.mil

Steve, are you sure the battery power is dropping off or is it the
radio that is reducing the transmit power output? I believe the user
manual states that when you use a high power batter pack or DC
adapter, the radio may overheat from the higher power output and when
it overheats, it automatically reduces its output power level. I have
never had mine get hot enough to completely quit transmitting, but it
sounds like that might be your problem. I hope this helps...73's
Floyd WD5ENJ

End of Ham-Equip Digest V95 #370
****

Date: 26 Aug 1995 04:43:47 GMT
From: marks@fc.hp.com (Mark Sheets)
Subject: WANTED! Icom 2000H tx-mod

Does any body know how or if the IC-2000H is modifiable to Tx beyond the
normal 140 - 150 mhz spread. Need to go up in freq.

Any info. would be greatly appreciated.

Mark Sheets
marks@triton.fc.hp.com
N0ERS

Date: 28 Aug 1995 05:58:36 GMT
From: wd6dih@ix.netcom.com (Kevin Karamanos)
Subject: Yaesu FT51R

In <41r5r2$ist@newsbf02.news.aol.com> gianotti@aol.com (Gianotti)
writes:
>
>What about the Yaesu mobile adapter that has a built-in fan for

cooling?
>When I was looking at this radio right after it came out they had a
mobile
>mount that provided power and a fan for cooling. I think this item
has
>been discountinued. . . maybe Yaesu should reinstate it.
>
>Love the 51R Best HT I have had
> ____
>| John L. Gianotti KF9GW #INTERNET:
gianotti@ideanet.doe.state.in.us |
>| Dir Computer Services #VOICE: (219) 365-8551 ext 260

> |
>| Lake Central School Corp.#FAX: (219) 65-6414

> |
>|____|
>
Hi John,

The PA-10 with a built-in fan was discontinued due to slow sales and
high price. The PA-10A (without a fan) replaces the PA-10 with a lower
price. Also the new E-DC-12 works great for it's low low price.

73's

Kevin, WD6DIH

End of Ham-Equip Digest V95 #371
****

1113. Re: $1,800 WEEKLY! MAILING OUR CIRCULARS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: vadim bendebury <vbendeb@vbnd.newbridge.com>
Message-ID: <NEWTNews.809644111.7656.vbendeb@vbnd.ca.newbridge.com>
Source record: 213206
Cross-posted to: soc.culture.russian,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.ham-radio,ott.jobs,ott.forsale.other,ott.forsale.computing,ont.jobs,newbridge.rec,newbridge.notice,newbridge.forsale,misc.invest.technical,misc.invest.stocks,misc.invest.canada,bc.jobs,alt.current-events.russia,ab.jobs

hey Michael,

see what I ran into on the ott.jobs newsgroup
>
>
>
> Our company is seeking homeworkers who are willing to
> work only a few hours per week at home mailing our circulars.
> Our program pays you $6 for every envelope you secure and
> mail with our circulars, plus 40% of every sale! You are
> never required to purchase any envelopes or postage stamps
> for as long you stay in the program. The demand for our
> products has increased rapidly, thus, creating an opportunity
> to people of all backgrounds, regardless of education or
> experience to distribute our manuals. There are no quotas to
> fill and you can quit this program at anytime you wish.
> Complete distributor support is provided. To receive complete
> details immediately, reply to: dbase@internetmci.com
>
>

1114. Need Extend RX/TX for YAESU FT2500

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: py3dzz@lec-bbs.pu3akm.ampr.ORG
Message-ID: <52616@LEC-bbs.ampr.org>
Source record: 213252

Hello to all!

Y need modifications for extend rx/tx for YAESU FT 2500.

tanks in advanced

Please send a mail for:
PY3DZZ2LEC-BBS.PSICO.UFRGS.BR
PY3DZZ@LEC-BBS.PSICO.UFRGS.BR
PY3DZZ@PY3DZZ.AMPR.ORG

73. Claudio

Mailbox : PY3DZZ @ PY3DZZ.RS.BRA.SA
AMPRNet : py3dzz@py3dzz.ampr.org

1115. Re: REJECTED: Ham-Equip Digest V95 #368

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: token@owens.ridgecrest.ca.us
Message-ID: <DE01B8.D6@ridgecrest.ca.us>
Source record: 213253

Anyone know how to subscribe to this?

1116. Re: Yaesu FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <41rluc$ibr@ixnews2.ix.netcom.com>
Source record: 213254

In <41r5r2$ist@newsbf02.news.aol.com> gianotti@aol.com (Gianotti)
writes:
>
>What about the Yaesu mobile adapter that has a built-in fan for
cooling?
>When I was looking at this radio right after it came out they had a
mobile
>mount that provided power and a fan for cooling. I think this item
has
>been discountinued. . . maybe Yaesu should reinstate it.
>
>Love the 51R Best HT I have had
> ____
>| John L. Gianotti KF9GW #INTERNET:
gianotti@ideanet.doe.state.in.us |
>| Dir Computer Services #VOICE: (219) 365-8551 ext 260

> |
>| Lake Central School Corp.#FAX: (219) 65-6414

> |
>|____|
>
Hi John,

The PA-10 with a built-in fan was discontinued due to slow sales and
high price. The PA-10A (without a fan) replaces the PA-10 with a lower
price. Also the new E-DC-12 works great for it's low low price.

73's

Kevin, WD6DIH

1117. Re: Do the manufacturers give a damn?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <41rme1$ba0@ixnews7.ix.netcom.com>
Source record: 213255

In <41r1g2$h9b@newsbf02.news.aol.com> edandsusan@aol.com (EDANDSUSAN)
writes:
>
>Hi all,
>
>Just wondering what experience folks have had with the "big three", or
>others, and their response to e-mail. You would think these
technological
>giants would be "online", wouldn't you? The companies advertise their
>e-mail addresses, so you would think they read it !
>
>My experiences vary-
>
>Kenwood: I have written twice, asking about spare parts for some 10
year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks.
I
>know, the radios are old, but the way I see it, if I can't get spares
info
>for these,, why should I think it would be any different with new
gear?
>
>Icom: I wrote, asking for modification info, and clarification of the
>manual, for the IC-2340. I received a reply the next day, with a
follow-up
>letter via US mail. I had already purchased the radio, so ICOM had
nothing
>really to gain by being so fast.
>
>Yaesu: I have not had experience with Yaesu.
>
>Are these responses normal??
>
>73 de KE4WXY, Ed
>
>
>+++
>
> edandsusan@aol.com (Ed Tilley)
>
> If you're under control, you're not driving fast
>enough.....................
>
> Bondo in your doors is a sign of

>courage.....Parnelli Jones

Hi Ed,

I can speak for Yaesu USA. I have to admit that we are slow to get on line. But, by year's end we will have a www page for Sales and hopefully service. So please hang in there. You can also reach us at yaesuusa@ix.netcom.com. We try to check email every day but, we travel around the country doing 3-4 shows a month so sometimes it takes 2-4 days for a response. Someday in the future we will have people full time taking service questions via email.

73's

Kevin, WD6DIH
YAESU USA

1118. Help! Moto NLN8858 Charger - what radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: ham@wam.umd.edu
Message-ID: <41t8hi$3u8@cville-srv.wam.umd.edu>
Source record: 213256
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I have an NLN8858 by Motorola, and I know not

1) what they sell for
2) what they're worth
3) what they charge

It's in perfect shape and I'm looking to get rid of it.
--
Member, Leukemia Society's "Team in Training." | Tax-deductible contributions
Run/walk in Bermuda Marathon, Jan. 12-15, 1996 | accepted and welcome. Email
---| or call for more info. All
Scott Rosenfeld NF3I Burtonsville MD 301-549-1022 | sponsors welcome. Thanks!

1119. Re: What Happened to CALLSIGN.CS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: edlyon@iquest.net
Message-ID: <DE1L4B.9AJ@iquest.net>
Source record: 213257
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

In article <41qlfv$o9t@news1.best.com>, droznar@best.com (Dave Roznar)
says:
>
>I hope someone here knows the answer to this. I used to Telnet to....
>callsign.cs.buffalo.edu 2000 and use their online callbook. I know there
are a
>lot of others, but this one would let you look up a persons NAME, etc. I
used
>it to find a friend, since he has long since changed his call.
>
>I tried it yesterday and it did not respond with the callsign server.
Anyone
>know what happened, or of another one that lets you use NAME as an
input?
>
Try using this one : http://www.ualr.edu/doc/hamualr/callsign.html

You can search this database by Callsign, Name, City, State, or Zip.
Additionally, it is based on the FCC Callsign database and is updated
daily.
73's ED -- AA9OE

1120. Re: $1,800 WEEKLY! MAILING OUR CIRCULARS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: Bell-Northern Research <bizsol@magi.com>
Message-ID: <41t2vt$9j6@crchh327.rich.bnr.ca>
Source record: 213258
Cross-posted to: soc.culture.russian,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.ham-radio,ott.jobs,ott.forsale.other,ott.forsale.computing,ont.jobs,newbridge.rec,newbridge.notice,newbridge.forsale,misc.invest.technical,misc.invest.stocks,misc.invest.canada,bc.jobs,alt.current-events.russia,ab.jobs

Come and visit our WWW site we may be able to help you advertise your mail order business. We offer many different types of jobs and income opportunities for everyone!!

http://www.magi.com/~bizsol/

Cheers,

Justin

1121. Re: $1,800 WEEKLY! MAILING OUR CIRCULARS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: "John L. Rouse" <jrouse@dc.infi.net>
Message-ID: <41t842$eo7@allnews.infi.net>
Source record: 213259
Cross-posted to: soc.culture.russian,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.ham-radio,ott.jobs,ott.forsale.other,ott.forsale.computing,ont.jobs,newbridge.rec,newbridge.notice,newbridge.forsale,misc.invest.technical,misc.invest.stocks,misc.invest.canada,bc.jobs,alt.current-events.russia,ab.jobs

Bell-Northern Research <bizsol@magi.com> wrote:
>
> Come and visit our WWW site we may be able to help you advertise your mail
> order business. We offer many different types of jobs and income opportunities
> for everyone!!
>
> http://www.magi.com/~bizsol/
>
> Cheers,
>
> Justin
>
Boy, this really has a lot to do with ham radio, doesn't it?
Just another example of the greedy in hot pursuit of the
greenback without actually spending money for advertising..
I see this is also copied to alt.current-events.russia. Lots
of potential there -- get your kiosk on the Internet, hi...

73,
John KA3DBN

John L. Rouse
Capital-Gazette Communications
jrouse@dc.infi.net

1122. WANTED: Gonset Comm. IV man./schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Aug28.153602.1@vax.sonoma.edu>
Source record: 213260
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hello. I would like either the original or a photocopy of a manual
including schematic for the Gonset Communicator IV 2m AM rig. Also,
I have a friend who is interested in the same for the Communicator III.

Please email me.

Thanks and 73--
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

1123. Re: $1,800 WEEKLY! MAILING OUR CIRCULARS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: MRITUNJAY BANSAL <BANSA000@mail.genmills.com>
Message-ID: <41tc51$s51@news.mr.net>
Source record: 213261
Cross-posted to: soc.culture.russian,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.ham-radio,ott.jobs,ott.forsale.other,ott.forsale.computing,ont.jobs,newbridge.rec,newbridge.notice,newbridge.forsale,misc.invest.technical,misc.invest.stocks,misc.invest.canada,bc.jobs,alt.current-events.russia,ab.jobs

This is just the kind of disgusting commercial crap that we can do
without. In a high-tech world it seems, the anarchists could get away
with it!!!!!

Oh well, anxiety and pleasure I guess do go together.

Mritunjay

1124. FT-8500 Extended Rec.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: bgt@thomascomm.com
Message-ID: <41s0jb$h18@news2.deltanet.com>
Source record: 213262

I picked up the ADMS-2 programming softwear/cable kit for the
FT-8500 Dual Band Mobil by Yaesu. Besides being able to program
up your radio w/ 1-100 freqs very quickly, I discovered under the
"Other" file menu a choice to change the extended receive to 300-530 Mhz
on UHF. I tried it out and receives just fine up there. The cost for the
kit is around $40-60.

73's

1125. Re: Comparison of small full feature HF rigs (Kenwood, Alinco, Yeasu?)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: Ray Wilson <n3rkh@omni.voicenet.com>
Message-ID: <41s20g$etm@news.voicenet.com>
Source record: 213263

ltinaro@infi.net wrote:
>
> I am interested in picking up a small full function HF rig. The original
> choice was the Kenwood TS-50 but now there is the Alinco DX-70 (?)
> and also a Yeasu model that I can't think of just now. Does anyone have
> any pros or cons on any of these rigs? Also, what are the street prices
> on these currently? Any comments apprieciated.
>
> Pete Borders - WB4TKA

Pete,

I bought an Alinco DX-70...neat radio but the noise blanker
is terrible.

Good luck.

Ray.

1126. Re: HF Receiver Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DE0MDx.8yD@hpqmoea.sqf.hp.com>
Source record: 213264

Doug Hall (doughall@nando.net) wrote:

: Actually there are some advantages to the internal supply approach,
: but you're right, Tom - it has nothing to do with the location of the
: supply.

Several things can be made to run better if more than 13.8v is
available, obviously PA stages, less obviously RX front ends, but the
thing that makes the biggest improvement is having a higher voltage
supply available to drive the varactor diodes in the synthesiser VCO.
This reduces synthesiser phase noise quite significantly. Only a tiny
current is needed, so it would be possible to have a small inverter in a
13.8v radio, with incredible screening and filtering, of course.
Unfortunately this is almost unknown.

: 12-15 volts, and this can be an advantage in some cases. Better IMD
: and spectral purity from the PA are easier to achieve at the higher
: voltages (28 to 30 volts) that these internal supplies offer.

True, but some manufacturers noted that stage gain and linearity
were improved, so they reduced the amount of feedback around a stage to
trade off the improved linearity into more stage gain still at the old
level of linearity, then used the increased gain to economise by
reducing the number of stages. The result, more profit, same PA IMD.

It's
: also easier to make a 200 watt PA when it runs on 28v, which is why
: the 200w output rigs generally have internal power supplies.

Yes, true. Considering the cost of RF versus power supply devivces,
I'd design a 13.8v mobile radio using a power inverter and a 28/48v PA,
getting some benefits from regulation removing the usual sensitivity to
slight supply variations of the output power.

Higher supply voltges are most attractive for PAs, devices are
cheaper, and sometimes available surplus. The circulating currents are
less, copper, track, winding losses are reduced. Output transformer
ratios are less extreme

I'm unsure of the benefit of 200W output radios. If you want more
than 100W, 200W doesn't make much of an improvement, you might just as
well go the whole hog, and linear amplifiers are all designed to be
driven by 100w radios, anyway. 100 CLEAN Watts seems ideal to me.

Cheers
David GM4ZNX

1127. Re: Repair Help on a Icom 251,mods also

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: jms@col.hp.com
Message-ID: <41sfi3$q7p@nonews.col.hp.com>
Source record: 213265

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

re, the IC-251:

: Overloads easily, and has a terrible noise figure. Mutek (England)
: has a replacement front end board that will fix this radio. I've
: used it in a IC211, and it does wonders for strong signal handling
: and for reducing the system noise figure.

Gary, I have an IC-251A, and I've suspected such for some time. Might you have more information about Mutek, such as address, etc., if one wants to purchase on of those boards? Thanks for any information.

Mike, K0TER

1128. Re: Batt voltage on FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: swdecato@nps.navy.mil
Message-ID: <41sgsq$sok@nps.navy.mil>
Source record: 213266

Minor annoyance with my FT-51R. I am using the large battery which gives the full 5w output. Fully charged the voltage indicates 11.4 volts. Without transmitting I get about 2 full days of usage (monitoring) before I have to recharge. The low battery indicator blinks just about 3 seconds before the display blinks and dies. That's not enough warning (and that assumes you had your eyes on the display when it happens). Mine quits when the voltage drops to 7 volts.

I too have the heat problem when running the radio using the EDC-12 in my car at high power. I try not to use high power because it sucks the battery dry so fast, its not worth it. I've tried all the battery saver options and still have the same problem.

On the lower power settings the radio is much more reliable. It is extremely easy to operate. The manual is not needed for most features.

I have rigged up an external 12v nicad power pack to use with the EDC-12 to see if I can get around my battery problems.

A suggestion for the fellow who complains of burning his hands when in the car... I use a speaker/mike (and leave it on a lower power setting). Also try to position the radio near your air conditioning duct.

steve
KA5DLB

1129. Re: What good is 6 Meters ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: billo88@aol.com
Message-ID: <41skmp$g8@newsbf02.news.aol.com>
Source record: 213267

6 meters along with a few other bands (10&17) offer a good alternative to
the crowded conditions and numerous nets. In my area there are many ops
on 6, 6 meter repeaters and there is another thing.....the yagi ain't that
big. bill, grid em73....BTW the next solor cycle has begun....
billo88@aol.com

1130. Re: Do the manufacturers give a damn?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: billo88@aol.com
Message-ID: <41skr7$hg@newsbf02.news.aol.com>
Source record: 213268

The only dealing I had with Yaesu was good....I picked up a Yaesu boatanchor, FT560DX, it needed a big trimmer cap for the load or something. I called with the part number and was told that the part was so old it was not in the computer. Two days later that very part came in the mail....NO CHARGE. This happened several years ago but I do remember when a big company does something like that. bill
billo88@aol.com

1131. SELL OR TRADE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: planck@iquest.net
Message-ID: <DDzyHu.A83@iquest.net>
Source record: 213269

FOR SALE: Grundig SAT 700, 3 mo old, $300 shipped
Bearcat 9000 XLT W/GRE 800 MHZ Conv, 4 Mo old, $375 shipped
Kenwood TS440SAT xcell cond ,20 million S/N $675 Shipped
Ameritron AL80B amp, 3 MO OLD $800 shipped
Kenwood TM241A 2M, 50 watts, 1 yr old never mobile, $250 shipped
Sangean ATS818 shortwave receiver, good cond $90 shipped
Would consider trade for mint Sony 2010, no scratches, must be less
than a yr old

PH 317-724-3178 DeWayne AA9AF or write to :

DeWayne Planck
1407 Lincoln Ave, Lot 4
Alexandria, IN 46001

planck@iquest.net
73

1132. Re: Anyone have experience with IC-730?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: lmenzel@millcomm.com
Message-ID: <41sldm$pv2@news.MillComm.COM>
Source record: 213270

In article
<NEWTNews.809292994.14061.Pbutterf@butter-pc.eng.mc.xerox.com>,
butte.wbst129@xerox.com says...
>
>
>I have an opportunity to buy a used IC-730 for $500. Is this a good
deal?
>Any recommendations?
>-Paul
>KB2TCG
>
I bought and owned a 730 for several years when they first came out in
about 1982. I ran it almost exclusively mobile (in an 18 wheeler, at
that) and got very good service from it.

The price was not a heck of a lot more than that new. I suggest that you
read a few of the ham rags and maybe call a dealer or two and see if that
is a reasonable price. I think it may be a bit high.

Second, what kind of shape is it in? Has it been maintained well or has
it been knocking around in a car for 10 years? YOu amy want to put it on
a big antenna and listen around. As I recall, it does not have very good
rejection in heavy going...but the bands are so bad now, who cares...

I got good service from the rig. It seemed to work well on both cw and
ssb and I worked a ton of dx with it when the bands were good back in the
early 80s.

The rig doesn't have a lot of the features of the rigs today, but would
be an excellen low cost back up or mobile rig.

Good luck and 73

Larry
N0CIB, Minneapolis, MN

1133. TS-850S PWR control question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: chipa@eskimo.com
Message-ID: <DE141t.ACG@eskimo.com>
Source record: 213271

Anyone know which pot to tweak in order to lower the minimum power
output of the TS-850S below 10 watts? I haven't popped for the
$50 service manual (yet).

Chip, K7LR
chipa@eskimo.com

1134. Ham Store Total Stock Sellout

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: ussn@pacifier.com
Message-ID: <41srn5$45s@news.pacifier.com>
Source record: 213272

HAM STORE TOTAL STOCK SELLOUT
For a listing of the stock send a large SASE (WITH STAMP) to :

Ham Radio Heaven
234 SE Grand Ave.
Portland, OR 97214

1135. Re: Do the manufacturers give a damn?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: aga@mandalay.corp.sun.com
Message-ID: <41sq6a$pu5@jethro.Corp.Sun.COM>
Source record: 213273

I had a similar experience with Yaesu about two years ago. I have an FT-101ZD which developed a problem with several of the digits in the display. The part was no longer stocked because of the radios age 20+ years but they sent it to me anyway and free of charge. Tony at the repair center was very courteous and helpful. BTW I still have the 101 on the air and it works great after over 20 years of hamming!

Tony WA6LZH

1136. THE GUY WHO OFFERED ME HIS "EXCESS" KPC-3!?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: Steve Miller KE6GPS <smiller@w6bhz.calpoly.edu>
Message-ID: <41su5b$j2v@isnews.csc.calpoly.edu>
Source record: 213274

where are you? I haven't gotten a reply message for a couple of days..
either you just haven't used to computer for awhile.. or you're not
interested anymore.. PLEASE inform me!

(To all other amateur's, the reason I'm posting here is because I lost
the fellow's e-mail address)

73 de KE6GPS

1137. NEEDED:ACC RC85 FIRMWARE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: mgillie@nando.net
Message-ID: <41t25e$dtg@parsifal.nando.net>
Source record: 213275

Our club has an RC 85 (v.5.2) Controller recently damaged by lightening. I have narrowed the problem down to the EPROM and the EEPROM. Has anyone read their EPROM and would be willing to send me the file (V.4.x would be fine to get us back up and running). We've been down a couple of months, and as you know ACC is of no help. I don't want to wait for Link Comm if I can help it. Please email mgillie@nando.net

Thanks,
Miles

1138. Cushcraft R-7

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: Brian Westfall <bdwest@intele.net>
Message-ID: <41t3op$hc7@vodka.intele.net>
Source record: 213276

I am considering purchasing the R-7 vertical. I don't know anyone around here who has one. Any opinions would be appreciated.

Brian Westfall
KA0KEV

1139. Re: X-tals supply house other then Jan Crystal ????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1995Aug28.091659.351@nad.com>
Source record: 213277

In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein) writes:
> In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> wrote:
>
>>I have a radio that needs a crystal. I had a very good and quick
>>supply house address and phone number but have lost it. Can anyone
>>recommend a good quick supplier ??
>>
>>Charlie AD4HH
>>cvb@iglou.com
>
> Bomar Crystal Company
> 201 Blackford Ave
> Middlesex, NJ 08846
> 1-800-526-3935.
[snip]
He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
$50 minimum order. What's the matter with JAN?

Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

1140. Two ARD 230A Linear Amps

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: ussn@pacifier.com
Message-ID: <41srfm$45s@news.pacifier.com>
Source record: 213278

See May 1989 QST Pgs 43-46
The Elite of Amps.
$2995 (With 10 meter Mod.)
$3495 (Mod. by ARD Emoloyee) Best ever.
$450 Parts Box for Above

Call Ken at (503) 233-5175

1141. Re: Do the manufacturers give a damn?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: depaul@spk.hp.com
Message-ID: <DE1Fq6.B85@hpcvsnz.cv.hp.com>
Source record: 213279

Ed,

I've had problems with responsiveness from Kenwood on several occassions in the past. They USUALLY take days to respond to you.

West Coast Kenwood Service stinks. But, I'm finding out that if you deal with Kenwood on the East coast (West VA branch) you'll be in for a pleasant surprise.

Regards, and Good Luck!

Marc

1142. Re: Icom 775DSP or Yeasu FT-1000D?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DE14Iq.Hz8@hpqmoea.sqf.hp.com>
Source record: 213280

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: Commercial flash converters that can handle HF are rarely over 8 bit
: resolution, and that's not nearly enough. A bit of clever scaling
: should let you parallel two of these to get 16 bits. But these converters
: are still in the $100 range, I think that may be the wrong approach.

Well, the only practical way of using a pair together gives you 9
bits not 16, I'm afraid, unless you go for something pretty involved

A pair could be used in a "Residue converter" scheme where a first
pass converter gets the top bits, feeds them to a >16 bit accurate fast
DAC, an analogue subtraction removes the DAC output from thesignal which
is then amplified and converted in the second stage to get the lower
bits...

I'm currently involved with digitising video signals (a much easier
task than amateur HF!) and I've got plenty of 10 bit 20 Megasample/sec
Analog Devices converters kicking around, and plelty of olf pensioned
off 8 bit 20 Megasample/sec flash converters too.

Some of the professional audio 1-bit oversampling devices are
beginning to get interesting. AD1879 44.1 kilosample 18 bit jobs could
just handle enough bandwidth for a very low IF, but 18 bits is their
structural width, and their actual resolution close to the top end of
their nyquist bandwidth is getting a bit degraded. I have a few samples
left over from an earlier project, so I might have a go with them
sometime.

Converter developers have made a push for more bits in the low speed
devices, and have been pushing the speed of 8 and 10 bit devices, but
they've not been so active in the speed/resolution area I'm looking for
because their activities relate to proven market demand. I'm not sure
there's much demand for much greater resolution in audio converters
considering the 16 bit design of the CD.. it's nice to have some extra
margin for overload etc and to allow digital gain control and mixing,
but, I think, they've got enough to satisfy the majority.

: A 1 bit flash converter working at HF is rather trivial, even in discretes.
: It seems to me that using a heavily oversampled 1 bit converter and
: decimation of the resulting bit stream should give us what we want without
: needing to wait for the chip makers to give us an integrated solution.

True, though I wouldn't do he decimation with discretes, although some
audiophile must be beavering away on a thermionic decimator, somewhere..
Using good quality integrators rather than IC process optimised
switched capacitor jobs might be good for the noise floot, too.

: Remember, we only have to sample at a multiple of the receiving *bandwidth*,
: and not at a mulitiple of the actual IF frequency because such sampling
: aliases down to baseband. Opinions?

There are a few snags to using ADC aliases directly, still you can
always come down to a nice low IF...

Cheers
David

1143. Re: Opinion on Periphex batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: piperbill@aol.com
Message-ID: <41sro1$24d@newsbf02.news.aol.com>
Source record: 213281

>Anyone else out there had a good or bad experience with Periphex
>batteries.

I have (presently) 2 large Periphex batteries for my two ICOM HTs and they have work flawlessly for at least 3 and 2 years respectively. The oldest was on an almost twice a day charge cycle when I was using is heavily.

Prior to that, I used Periphex replacement batteries for my old Toshiba T1000 laptop with great results.

Bill Tubbs, WK6A

1144. SB220 circuit improvements?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: depaul@spk.hp.com
Message-ID: <DE1H37.Bs9@hpcvsnz.cv.hp.com>
Source record: 213282

Hello.

Do you of any circuit improvements for the SB220 amp, or can you
direct me to papers written on such?

Thanks,

Marc

1145. Re: IC-706 Any Feedback?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <41tar5$9u7@over.mhv.net>
Source record: 213283

David L. Hinch (dhinch@cello.gina.calstate.edu) wrote:
: I just saw the ad in the new QST for the IC-706. Has anyone seen one and
: had any experience with it? Looks pretty interesting. Any info on
: the pricing? Thanks in advance.

: 73 Dave KE6MYC
: --

Dave,
It's supposed to be out THIS month from what I hear and possible price
between $1100 and $1300. I too am interested in hearing more about the
rig. Sounds nice.

73 de Tom - KB2SMS

1146. WTB: ACC RC85 Controller w/v4.2 or later Firmware

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: mgillie@nando.net
Message-ID: <41tbig$30l@parsifal.nando.net>
Source record: 213284

Our club would like to buy a spare RC85 if anyone wants to sell a version 4.2 or later. Email mgillie@nando.net

Thanks
Miles
WA4NNA

1147. Re: Transverter Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: towen@freenet.vcu.edu
Message-ID: <41tdmm$534@freenet.vcu.edu>
Source record: 213285

In reference to the 2m SSB transverter you are considering, my
experience is the following:
I bought a 2m Allmode Yeasu FT-290MarkII (25W) output for $425
recently. I considered a cheap 10M allmode + transverter, but
for the money, size and convienence of a single rig I chose the
FT-290 (I did not already have a HF rig).

My point is that you can get used FT-290 with the same specs as
the transverter for about the same price.

--My 2cents worth, Todd KE4UDN
--

Todd Owen (KE4UDN) Virginia Commonwealth University
towen@freenet.vcu.edu Richmond, Virginia

1148. Request for Help on RF Ground

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: willhar@freenet.columbus.oh.us
Message-ID: <41t0h1$bfj@acme.freenet.columbus.oh.us>
Source record: 213286

I use a long wire antenna.
1. How do I know if I have an adequate RF Ground?
2. MFJ sells a device to provide a RF Ground for random wire antennas.
Does this device solve the need for adequate RF grounding or does it
simply mask the problem? What I am asking is - shounld I buy the MFJ RF
ground device?

Please e-mail reply to willhar@freenet.columbus.oh.us

Thanks for help. Bill Harmon WB8BVM

--
Bill Harmon
willhar@freenet,columbus,oh.us>

1149. Re: HTX-202 $60.00!! ---SOLD!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: Mark Latham <markl@frontier.net>
Message-ID: <41te6l$tmo@molas.frontier.net>
Source record: 213287

the radio has been sold. please do not contact shawn. thanks for all
who have called. mark

1150. TS830 Help...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: depaul@spk.hp.com
Message-ID: <DE1FGo.B25@hpcvsnz.cv.hp.com>
Source record: 213288

Hello.

I'm trying to repair a Kenwood TS830S, and I can't figure out
what the value of L2 in the Final is...Mine was burnt up; I looked
at another '830, and the color bands appear to look like: gold,gold
gold (brown?), blue. It's the inductor (or resistor?) which is soldered
to the base of the plate choke, with the other side soldered to a terminal
block.

If you know: a) Whether this component is a resistor or inductor (I think
it's an inductor; b) What it's value is?

Thanks,

Marc

1151. Re: Radio Shack DSP questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: james-m@ix.netcom.com
Message-ID: <41rf56$2hu@ixnews7.ix.netcom.com>
Source record: 213289
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment

>The RS unit will not "actively" filter noise, such as line noise, QRN,
>etc. What it Will do is remove as many carriers as necessary, including
>heterodynes from adjacent frequencies. Also, in the widest position, AM
>broadcast reception is enhanced under difficult conditions. If you try to
>go much narrower, audio fidelity suffers too much. (The unit also works
>very well as a narrow CW filter).
>You can power the unit from any 12 v dc source.
>Well worth 50.00.
>John

John, I am in 100% agreement with what you had to say about the RS DSP. I found that you really have to be careful not to overdrive the DSP with the audio out of your radio or it will cause distortion.. Overall I like and constantly use mine.. It is well worth the $50.00 sale price that RS offers them for..

DON
AE4BR

1152. REJECTED: Ham-Equip Digest V95 #370

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Message-ID: <9508280628.AM00035@rtp41.rtp.dg.com>
Source record: 213290

```
----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@ucsd.edu
To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V95 #370
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 370

Today's Topics:
2m/70cm Handheld Reccomendations ?
AEA Isopoles for 2 meters??
Equipment donations appreciated
Icom 775DSP Any comments from new owners?
Icom 775DSP or Yeasu FT-1000D?
ICOM REPAIR, CANADA PHONE NUMBER
Need Extend RX/TX for YAESU FT2500
REJECTED: Ham-Equip Digest V95 #369
Someone wanted IC-2GXAT mods
What Happened to CALLSIGN.CS
X-tals supply house other then Jan Crystal ????
Yaesu FT51R (2 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.
------------------------------------------------------------------------

Date: 27 Aug 1995 14:00:51 -0600
From: dcomer@mack.rt66.com (David M. Comer)
Subject: 2m/70cm Handheld Reccomendations ?

Probably a FAQ, but I'm new to HAM....
```

I just passed my no-code yesterday and am looking to purchase an 2m/70cm handheld. 1-1/4 would be nice, but... What I would like is to hear from some experienced handheld users as to the types of features that are particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there are any particular units worth considering, I'd appreciate some input as to your experience with the units. I appreciate your input. Feel free to e-mail me, however, I would guess that there are plenty of new HAMs looking for the same, so a post is preferred.

73

Dave Comer (Waiting on the FCC)

dcomer@rt66.com

Date: Thu, 24 Aug 1995 16:22:57 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: AEA Isopoles for 2 meters??

In article <41657n$sjq@sanews.uswc.uswest.com> "Dennis A. Mason" <damason> writes:
>i'm not sure about the isopole for 2 mtr's , but i had one for the 440
>and was not very impressed with it. i could hit repeaters with my
>rubber duck ant. better than the isopole ant.
>this is my experience with them.
>73 gud luck
>kd4gan

Something was wrong with that Isopole, or its feedline. The 440 Isopole is a very well made antenna, and normally works quite well. (Of course it doesn't have the gain of a big colinear, but what did you expect? It should easily outperform a Ringo or a rubber duck.)

The 2m Isopole is a bit cheesier, you have to supply the mast part yourself. If you put it together right, and get good electrical connections to the mast you supply, it'll still beat a 2m Ringo (of course nearly anything will).

Hmmm, it seems I'm damning the Isopoles with faint praise. Well, they aren't the best antennas out there, and they aren't the cheapest antennas for what they do, but still they aren't as bad as your experience would indicate.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Sat, 26 Aug 1995 18:55:36
From: rfs@usa.net (Rich Scheuerer)

Subject: Equipment donations appreciated

I have recently introduced a number of students, by way of a short class,
to amateur radio. The response by them was very positive and I have made one
of my goals for this next semester to get a station going for them at the
school. Equipment donation of any sort would be very helpful.

The school is called the Challenge School and is a charter school for the
Cherry Creek School district located in southeast Aurora, Colorado. It
emphasizes education in the sciences and a station would fit right in with not
only their curriculum but the interest expressed by many students I have
spoken with. The grades of focus are 3rd to 8th, with middle school grades
(6,7,8) being where the most interest has been.

For myself, this is a first experience, and am very much looking forward to
following thru on this if I can get the needed gear. Unfortunately, there is
not any current funding for it so donations is the way to go.

If you have any donations, I will provide you with a receipt clearly
indicating the schools appreciation and the approximate value if you would
like for tax deductibility. Please enclose the estimated value of the
equipment if you have any idea. This station is starting from zero, so
anything would be great and we are very much hoping someone has a tranceiver
which they would like to pass along to a very curious bunch of kids!

Thanx much,

Rich Scheuerer, K0ZX aka rfs@usa.net
18156 East Baker Place
Aurora, Colorado 80013-5406

Any questions or suggestions, buzz me @ 303-751-1169

Date: 23 Aug 1995 23:26:15 GMT
From: Fewkes <kg7mz@worldaccess.com>
Subject: Icom 775DSP Any comments from new owners?

I am looking at possibly purchasing this rig. Any feed-back from new owners or anybody who
has learned anything about the performance of this rig would be
appreciated.

Date: Thu, 24 Aug 1995 15:19:52 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Icom 775DSP or Yeasu FT-1000D?

In article <DDo4D1.GpD@hpqmoea.sqf.hp.com> dstock@hpqmdla.sqf.hp.com (David Stockton)
writes:
> DSP
> **********
>

> Things are changing fast, but I'm looking for a converter that can
>digitise, say, a 15 kHz IF with *at least* 18 bits of true, reliable,
>dynamic range. Remember, digital systems don't degrade gracefully, they
>just hit endstops, hard, so you need to be very careful about overload
>margins. I would use such a converter in a receiver that had very little
>overall gain from the antenna to the converter. These have not yet
>emerged on the industrial/military market, and there would be a further
>delay before the price entered the amateur range, and new transceivers
>were designed around them. (not just stuck on the tail end, a full new
>design from scratch is needed)

Commercial flash converters that can handle HF are rarely over 8 bit
resolution, and that's not nearly enough. A bit of clever scaling
should let you parallel two of these to get 16 bits. But these converters
are still in the $100 range, I think that may be the wrong approach.

A 1 bit flash converter working at HF is rather trivial, even in discretes.
It seems to me that using a heavily oversampled 1 bit converter and
decimation of the resulting bit stream should give us what we want without
needing to wait for the chip makers to give us an integrated solution.
Remember, we only have to sample at a multiple of the receiving *bandwidth*,
and not at a mulitiple of the actual IF frequency because such sampling
aliases down to baseband. Opinions?

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 27 Aug 1995 09:55:57 GMT
From: aa766@freenet.hamilton.on.ca (Michael Panopoulos)
Subject: ICOM REPAIR, CANADA PHONE NUMBER

Hello and many thanks for reading this. I am in need of a telephone
number, address, e-mail address (anything) for ICOM. I wud like to
contact them for parts.

73 Mike VE3AHQ

--

Date: 28 Aug 95 10:16:09 GMT
From: py3dzz@lec-bbs.pu3akm.ampr.ORG
Subject: Need Extend RX/TX for YAESU FT2500

Hello to all!

Y need modifications for extend rx/tx for YAESU FT 2500.

tanks in advanced

Please send a mail for:
PY3DZZ2LEC-BBS.PSICO.UFRGS.BR
PY3DZZ@LEC-BBS.PSICO.UFRGS.BR
PY3DZZ@PY3DZZ.AMPR.ORG

73. Claudio

Mailbox : PY3DZZ @ PY3DZZ.RS.BRA.SA
AMPRNet : py3dzz@py3dzz.ampr.org

Date: 27 Aug 95 19:35:04 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #369

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To: Ham-Equip@UCSD.EDU
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X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 369

Today's Topics:
12V Nicad Batteries
Drake TR7 SSB receprtion bad
FT530 programming
Heathkit HO-10 Monitor Scope question.
Mods/Manuals for IC271E and IC471E
Need: MFJ-8621 schematic
Need help with Super super Dentron tuner
REJECTED: Ham-Equip Digest V95 #368
w1fb,rtty
Want band switch
Wanted: UHF MX-300S manual
Where can I get a gel cell battery?
Yaesu FT290-II blowing lamps

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Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 18:19:06 GMT
From: swdecato@nps.navy.mil
Subject: 12V Nicad Batteries

I recently bought two 12V 1.4ah NICAD batteries from Radio Shack.
They were designed for a laptop computer but I figured with a
cigarette lighter plug I could use them on my HT. What type of
power supply (i.e. voltage and output amperage) should I use
for these batteries?

Thanks in advance.

steve
KA5DLB
swdecato@nps.navy.mil

Date: 24 Aug 1995 15:53:49 GMT
From: archive@flash.ATC.Olivetti.Com (DCG Mktg Docmnt (Ivrea))
Subject: Drake TR7 SSB receprtion bad

Date: Sat, 26 Aug 1995 23:13:08 GMT
From: jjmartin@world.std.com (Jim Martin)
Subject: FT530 programming

hillgen@er7.rutgers.edu (the one) wrote:

:>Recently, Yaesu has come out with the FT51R which is programmable
:>(not just cloneable) through this plug.
:>An I correct in assuming that the 51 programming software would work on the
:>530? What do you think?

530 is not clonable (I have one) nor is it programmable with the 51
programming software...

As far as I know...

73 de

Jim Martin, WK1V	I speak for no one...Not
Lowell, Massachusetts	even for myself!
USAF (Ret)ained	#include "std_disclaimer.h"
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	Intentionally Left Blank

Date: Wed, 23 Aug 95 12:26:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monitor Scope question.

I recently bought a Heathkit HO-10 monitor scope at a hamfest. I'd like to locate somebody else with one of these. I have two questions to ask you:

1 - Do you have the manual? I am missing page 41 of my manual. The manual say "Condensed Manual" on the front, and carries the number 595-578-1. I'd like to get the missing page. (scanned->UUencode->Email, or FAX, or mail a copy).

2 - When the scope is in operation, the trace appears as a broken line rather than a solid line from edge to edge. As you turn up the sweep rate, the segments get smaller and more of them appear across the face of the tube (about 2 segments when slow, about 6-10 when at fast sweep). Is this normal operation? The unit works fine, and the displayed patterns look good, except for this "broken up" appearance.

This isn't the way they are shown in the manual which leads me to believe there is some signal, like a square wave, riding on the vertical deflection section (just a guess). I figured before I looked into the unit I'd ask.

Thanks in advance.

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

Date: 23 Aug 1995 11:35:55 GMT
From: Marinus Willemstijn <willemma@telkom19.telkom.ca.za>
Subject: Mods/Manuals for IC271E and IC471E

I am looking for manuals (service/Operating) for these two rigs.
Also if anyone can help me get hold of any modifications for them.

Thank you very much.

Marinus Willemstijn
ZS6MAW
Voice : +27 12 3256503
Fax : +27 12 3114438
Internet : willemma@telkom19.telkom.co.za

Date: 27 Aug 1995 13:52:56 -0400
From: skulyov@freenet.columbus.oh.us (Sergei Kulyov)
Subject: Need: MFJ-8621 schematic

Hi gang. I'm looking for the schematic of the Data radio MFJ-8621.
Will appreciate for any help.

73 ! Sergei AA8OT, UA3AP

Date: 27 Aug 1995 13:41:07 -0400
From: skulyov@freenet.columbus.oh.us (Sergei Kulyov)
Subject: Need help with Super super Dentron tuner

Hi gang. I have a Super super Dentron antenna tuner with one
missed part inside. There one air vary capacitor, balun,
couple air core coils.
Does anybody could help with schematic or suggestion about the
missed part?

Thanks,

73! Sergei AA8OT, UA3AP

Date: 27 Aug 95 15:03:54 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #368

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To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V95 #368
X-Ceo_Options: Document

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CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 368

Today's Topics:
Does anyone know of where I can get a battery cover plate for HTX-202
Kenwood uses false advertising?
mfj-8621 packet radio probs
REJECTED: Ham-Equip Digest V95 #367
Yaesu FT-11R Mods Requested

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 17:57:48 GMT
From: morganp@fn1.freenet.edmonton.ab.ca ()
Subject: Does anyone know of where I can get a battery cover plate for
HTX-202

I would like a battery connection cover plate for my HTX-202 because when I
operate from external power I'm supposed to take the battery pack off but
that
leaves the battery connectors to possibly get damaged, any ideas?

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo---
-

Date: Thu, 24 Aug 1995 16:11:54 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Kenwood uses false advertising?

In article <41aupj$4mt9@yuma.ACNS.ColoState.EDU> fiz
<fiz@lamar.colostate.edu> writes:
>
>AND I WILL NEVER BUY A KENWOOD AGAIN...

You're learning. :-)

However, don't be so dogmatic, Kenwood may (insert miraculous intervention
of the Virgin here) get their act together with VHF/UHF rigs one day.
Remember, it wasn't that long ago when Yaesu couldn't build a HF rig,
now they're the top dog in that department. Changes can happen, so
keep your options open.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Sat, 26 Aug 1995 10:24:51
From: billv@olympus.net (Bill Vaughn)
Subject: mfj-8621 packet radio probs

I just received an mfj-8621 packet data radio (after waiting 8 months) I put new factory xtals in it and retuned the unit. After checking it with my service monitor I discovered that upon tx key the freq drifted from about 2k away to an onfrequency condition but it took aprx a second for it to do so.

I am delaying the tx key for that amount of time but it seems to negate the fast diode switching. It has no heater for the xtal but I have worked on many
radios with no oven that did not do this. Any suggestions for a fix.

Date: 27 Aug 95 10:23:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #367

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CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 367

Today's Topics:
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Date: 27 Aug 95 07:32:38 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #365

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CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 365

Today's Topics:
572B tube in Collins 30L1 ???
HF Receiver Question? (2 msgs)
REJECTED: Ham-Equip Digest V95 #364
Several Items
Yaesu FT51R

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policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 95 05:17:40 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: 572B tube in Collins 30L1 ???

dsnowden@ccd.harris.com (Doug Snowden) wrote:

>Subject says it. Will the 572B tube fit in the 30L1? Physically? It
>might be a bit bigger than the 811A tube, I don't know. If it will
>fit, is it electrically near the 811A? What is the result, more
>power? More reliablity? Or a waste of money?

The 572B is virtually identical to the 811A but with a much greater
plate dissipation (160W VS 65W). Unfortunately, in order to make use
of that additional dissipation, you need to raise the plate
supply to about 2500V. Personally, I wouldn't spend the extra money
as replacements for the Collins.

>Along the same line, what is the advantage of using a ceramic based
>811A as opposed to the bakelite based ones? I see RF parts advertise
>the ceramic based ones at quite a bit more money..

I'm not aware of any advantages offered by the ceramis base, but maybe
there's another reason for the price difference. Wonder if the
ceramics are U.S. made?

73,

Jack WB3U

Date: 26 Aug 1995 21:18:48 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I don't buy this. Have you ever looked inside the supplies that come
>from Kenwood or Yaesu? They don't have current limiting or OVP in them
>at all. They don't even put an MOV on the primary in most cases. They
>are a bare bones power supply. Most people who opt to buy someone else's
>supply end up with an Astron or something similar. They have much better
>protection than the factory supplies.

>Gary

Yes Gary, but the original question was would an internal power supply
improve the RECEIVERS dynamic range, noise floor, etc.

I sure think the correct answer to that question was NO.

Date: 26 Aug 1995 17:10:09 GMT
From: amnet@ix.netcom.com (ANDRES MARTINEZ)
Subject: HF Receiver Question?

>
>>I was listening to a conversation on 75 meters the other day. These
two
>>guys were talking about the best HF transcievers on the market, and
one
>>of them made the point that a rig that had a build in AC power supply

>>always had better sensistivity, dynamic range, etc. than a radio that

>>required a 12- 15 volt external power supply.
>
>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming
that
>conclusion, but it is a giant leap.
>
>You hear a lot of strange stuff if you listen long enough.
>
>73 Tom

One reason I can think of for that being true, is that most internal
power supplies are better built by the manufacturers than a cheap
external power supply a user may use in some cases. If you use a good

quality external power supply, then the should be no difference in
reception.

andres - YV5-KRI

Date: 27 Aug 95 04:23:10 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #364

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CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 364

Today's Topics:
Icom R-7000 problem
REJECTED: Ham-Equip Digest V95 #363

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policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 1995 03:50:53 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: Icom R-7000 problem

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered

>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the
>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

Date: 27 Aug 95 00:33:08 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #363

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Subject: Ham-Equip Digest V95 #363
X-Ceo_Options: Document

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CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR
Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

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Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)
Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months
ago,
I encountered a lot of talk about whether memory settings could be cloned
from
one FT530 to another. I believe that the answer was yes and that it could
be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come
out with the FT51R which is programmable (not just cloneable) through this
plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level

switch for rcvd audio. It picked up rf bad enough to hear it across the room. After installing a K-com at the handset rf could still be heard, but it was less than 1/2 as loud as the voice at the other end of the line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire for each side of the line. So it appears to be just a choke. I assume it has quite a bit more inductance than you could get by wrapping the cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits or
: just common mode ferrite chokes? If they are just ferrite, then they would
: appear to be a little pricey relative to the typical snap on ferrite chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB, 80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings up
: another question - how much ferrite at the back of the phone do you need to
: choke HF off a telephone line? I suspect that a single ferrite snap on choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or

just common mode ferrite chokes? If they are just ferrite, then they would

appear to be a little pricey relative to the typical snap on ferrite chokes which are widely available. I've got a bit of telephone RFI (100w, SSB, 80
- 10m, low dipoles) so far no luck with ferrite. Which of course brings up
another question - how much ferrite at the back of the phone do you need to choke HF off a telephone line? I suspect that a single ferrite snap on choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken
N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO glue. I fixed my own, the rest sent them in for repair. One has been repaired in other ways, but that's because N1JWR won't take the time to get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've
been Dxing. If this only had side band I would be totally happy. I run
it on a Diamond J-130 discone and i can get out and around very well.
i don't use it much for the AM air craft band, but i do listen to the
railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led
remains on in TX and RX. There is no indication on S-meter in TX, and I
suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded
it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU

Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com
writes:
|> I operate CW most of the time and am interested in either the Timewave
59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>

|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it. It does a great job on both CW and SSB, and the noise reduction works very well. You can hear your sidetone; just set the center frequency to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned that you could hear some noise if you cranked the gain way up in the absence of a signal. The unit's noise is not noticeable at all in normal operation. I can hear a little bit of noise if I crank it all the way up with no signal input, but its noise is inaudible if I feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard, their DSP probably leaves much to be desired in both performance and workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach, but you're right, Tom - it has nothing to do with the location of the supply. Some of the internal supplies run significantly more than 12-15 volts, and this can be an advantage in some cases. Better IMD and spectral purity from the PA are easier to achieve at the higher voltages (28 to 30 volts) that these internal supplies offer. It's

also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern
since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard
Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard

>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but you
must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF? Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The location of the supply and what it plugs into have no effect on the parameters mentioned.
I can think of threads of logic that may be distorted into forming that conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It
might be a bit bigger than the 811A tube, I don't know. If it will
fit, is it electrically near the 811A? What is the result, more power?
More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based
811A as opposed to the bakelite based ones? I see RF parts advertise
the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore
power out but they will last forever. Collins recommends that
you change out one of the one of the caps in the 30L-1 for
best operation with a 572B but I've tried them with a stock
unit and it seemed to work fine. If your really interested in
this mod I can dig through my stuff and tell you which cap to
change.

As far as the ceramic based 811A, I've used bakelite 811 and
811A tubes for years and have never found any problems. I
wouldn't spend any extra for a ceramic base but if its the same
price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the accuracy of this wattmeter at less than 5 watts. I have both QRP and regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP level is most important. Or...do I need to get a QRP wattmeter (I understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al and see if you can get a better handle on this. I live in Minneapolis and know the guys personally, and they will do what is necessary to make you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan)
writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>

>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they
gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83

*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are
the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time
and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap
to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset
Communicator IV. Photocopies would be fine, also. Please
email me with any offers.

Thank you and 73--
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency
display for my TS-520SE? If someone wants to sell one please contact me
at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike
connector if grounded will start the VCO incrementing and a 1K ohm
resistor across the pin to ground will start the VCO decrementing, or visa
versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have
encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I
chat quite
: >quite a bit and consume more than the DC adapter is supplying to the
battery,
: >eventually I can't transmit at all (I have to wait until the battery
recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle
charge
: >the battery. Anyone else having similar problems?
~~~~~~

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)
Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--

>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct
in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo----------

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show
indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs
in the back into a 3 or 4 pin socket. If you have one of these lying
around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad
that I could use into the mic, but I would rather have a plug in unit
if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
******

End of Ham-Equip Digest V95 #364
******

Date: 23 Aug 1995 18:06:27 GMT
From: rasta@stlucia.net (Paul O'Connor)
Subject: Several Items

Timewave DSP 9+ $200.00
KW SM 230 Scope Box Manuals etc.$650.00
MFJ-989C 3K Tuner (new industor coil) $200.00
Hayes Optima 14.4 Modem.....$150.00
Yaesu MD-1 c8 Mic (never used).....$75.00

Call 717-232-2015 if interested

Date: 27 Aug 1995 06:43:05 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Yaesu FT51R

I bought one a couple of weeks ago. I haven't talked much on it, but I
have used it several times in a QSO with a friend on a repeater. On full
5 watts, it seems like it will be useable for at least twenty minutes of
back and forth talking. On the next lower power (3.5 watts, I think) it
seemed like we could just keep talking into the night. The back got a
little warm, but evidently not warm enough to do anything during the 1.5
to 2 hours I was using it.

Max
N7NWG

End of Ham-Equip Digest V95 #365
****

End of Ham-Equip Digest V95 #367
****

Date: 27 Aug 1995 11:30:47 -0400
From: capthemloc@aol.com (CaptHemloc)
Subject: Yaesu FT-11R Mods Requested

I would like to obtain a copy of the extended TX mods for the Yaesu FT-11R
(hope that's the proper designation). If anyone can help please post
information here, or E-mail to CaptHemloc@aol.com or
73662.350@compuserve.com. Or you can fax the information to 706-745-6531.
Thanks for any input.

73
KE4CTS

End of Ham-Equip Digest V95 #368
****

Date: 26 Aug 1995 23:45:39 GMT
From: rrk@indirect.com
Subject: w1fb,rtty

> daveb@buffnet.net (dave) writes:
> Interested in comments about w1fbs' contest program.
>
> Good / Bad ??
>
> thanks
>
> --- daveb ---
>
>>>>

Without a doubt, the best RTTY contest program available. You won't go wrong
or regret
getting and using this program. Count me among the many satisfied users.

Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | is a fault in reality.
Phoenix, AZ email: rrk@indirect.com |

Date: 23 Aug 1995 23:12:51 GMT
From: kk5dr@bga.com
Subject: Want band switch

I have got a good switch now.
Thanks to KF5MC

73 de KK5DR

Date: 27 Aug 1995 12:34:15 -0700
From: jmroden@crl.com (James M. Roden)
Subject: Wanted: UHF MX-300S manual

[Article crossposted from rec.radio.swap]
[Author was James M. Roden]
[Posted on 27 Aug 1995 12:32:11 -0700]

Greetings. As stated, I'm looking for an MX-300S UHF manual. Also need
prom for same. Please e-mail with info...
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio

Date: Sun, 27 Aug 1995 19:23:30 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Where can I get a gel cell battery?

morganp@fn1.freenet.edmonton.ab.ca () wrote:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?

Try:

W & W Associates
800 south Broadway
Hicksville, NY 11801-5017

800-221-0732 (toll frre in US and Canada)

If you have any local HAM Swaps in your area, you might wish to try
those as well.

Date: Wed, 23 Aug 1995 05:29:49 GMT
From: rafaels@zimmer.CSUFresno.EDU (Rafael Solis)
Subject: Yaesu FT290-II blowing lamps

A friend of mine with no net access asked me to post a question about
his Yaesu FT290 Mark II all mode 2m xceiver. He has changed the lamps
in the power meter twice and he wonders if there is a way to reduce
the voltage going to that tiny lamp. Has anyone experience burnt
lamps on this radio. Yaesu charges $30 for changing the lamp!

Thanks and 73

Rafael (KE6JSR)

End of Ham-Equip Digest V95 #369
****

Date: 24 Aug 1995 01:21:48 GMT
From: Mclawson@intersource.com (Mike Clawson)
Subject: Someone wanted IC-2GXAT mods

Thank you for the info!!!

In article <tcalof-2208951558320001@dial079.mbnet.mb.ca>,
tcalof@minet.gov.mb.ca says...
>
>Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here

are
>the ones I know about:
>
>IC-2GXAT mods:
> 1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same
time
>and turn radio ON. Or, cut diode D13 on logic unit.
> 2) Extended tx. Cut diode D14 on logic unit.
>I have done the keypad mod for extended rx and it works without any
mishap
>to the radio. 73/Terry VE4UC

Date: 27 Aug 1995 20:44:47 GMT
From: droznar@best.com (Dave Roznar)
Subject: What Happened to CALLSIGN.CS

I hope someone here knows the answer to this. I used to Telnet to....
callsign.cs.buffalo.edu 2000 and use their online callbook. I know there are a
lot of others, but this one would let you look up a persons NAME, etc. I used
it to find a friend, since he has long since changed his call.

I tried it yesterday and it did not respond with the callsign server. Anyone
know what happened, or of another one that lets you use NAME as an input?

==========
Dave Roznar - W6TGE

Saratoga, CA

email droznar@best.com
==========

Date: Fri, 25 Aug 1995 13:04:11 -0700 (PDT)
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Subject: X-tals supply house other then Jan Crystal ????

On Fri, 25 Aug 1995, Charles V. Boehnlein wrote:

> I have a radio that needs a crystal. I had a very good and quick supply house address
> and phone number but have lost it. Can anyone recommend a good quick supplier ??
>
> Charlie AD4HH
> cvb@iglou.com
>
>
Charlie, I have bought crystals from a company called "MARDEN
Electronics" 1-800-222-6093. I have been happy with them. They were for a
Mocom 70 and its working fine. The cost was 10.00 but that price (4/94) was
for a 4 week wait. The faster you want them, the more they cost. also
International Crystal is a good company. (I don't have their Phone #

handy, Sorry. Our A repeater group back in Nashville used International
with good luck. 73's Dale (KD4CVR)

Date: 27 Aug 1995 20:11:09 GMT
From: wd6dih@ix.netcom.com (Kevin Karamanos)
Subject: Yaesu FT51R

In <41q2kt$7ss@crl.crl.com> vsgregg@crl.com (Victor S. Gregg) writes:
>
>Kevin Karamanos (wd6dih@ix.netcom.com) wrote:
>: The FT-51R is designed to reduce power output only when the internal
>: temp sensor is very hot (this protects the finals). The FT-51R does
>: produce 5 watts on both 2m & 440 w/ the E-DC-12 adapter or FNB-38
>: battery.
>: 73's Kevin, WD6DIH
>: YAESU USA
>
>Kevin,
>My experience (and that of atleast one other FT-51R user here in
Atlanta)
>is that the radio is too hot to hold after as little as 15 minutes of
>back and forth at full power using the PA-10A. Recently, I was in the
>car and the radio started reducing power after about 20 minutes.
>Can you suggest a heatsink for this radio. I love the RT Systems
software,
>but I hate having to wear an oven mitt to QSO.
>
>THX and 73s de KF4BUX Victor

Hi Victor,

My first thoughts are: Check to output and make sure your friends radio
is not putting out more than 5 watts..... Also if the temp in the Car
is really hot, the radio will reduce power earlier.

FYI and 73's

Kevin, WD6DIH

Date: Thu, 24 Aug 1995 05:12:03 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Yaesu FT51R

swdecato@nps.navy.mil wrote:

>I just purchased a Yaesu FT51R. I am very happy with it but have encountered
>what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
>quite a bit and consume more than the DC adapter is supplying to the battery,
>eventually I can't transmit at all (I have to wait until the battery recharges).
>I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge

>the battery. Anyone else having similar problems?

>steve
>KA5DLB
>swdecato@nps.navy.mil

Steve, are you sure the battery power is dropping off or is it the radio that is reducing the transmit power output? I believe the user manual states that when you use a high power batter pack or DC adapter, the radio may overheat from the higher power output and when it overheats, it automatically reduces its output power level. I have never had mine get hot enough to completely quit transmitting, but it sounds like that might be your problem. I hope this helps...73's
Floyd WD5ENJ

End of Ham-Equip Digest V95 #370
****

1153. Batt voltage on FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: tigger@jcomm.uoregon.edu
Message-ID: <41rqom$sri@maureen.teleport.com>
Source record: 213291

In the manual it says to display the battery voltage while you transmit (I am assuming that this means it will display it out in the VFO or the memory channels) you need to press the sub-op button before doing the procedure to view the battery voltage (the f-key then 0, dial until you get option 25-batt vol) then press 0 instead of PTT. I have done this many times and it seems just to go back out to the memory channel or VFO, which ever I was in last. Has anyone who owns a Yaesu FT-51R gotten this to work?

Thanks

Max
N7NWG

1154. Re: Yaesu FT-11R Mods Requested

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: "Lyle Tanner (KC7IPY)" <ltanner@indirect.com>
Message-ID: <41rr45$5bu@globe.indirect.com>
Source record: 213292

I got this posting off the oak.oakland.edu ftp server:

>>>

From
netcomsv!amd!decwrl!koriel!cs.utexas.edu!howland.reston.ans.net!usenet.ins.cwru.edu!u
kma!eng.ufl.edu!usenet.ufl.edu!mailer.acns.fsu.edu!freenet2.scri.fsu.edu!ijordan Tue
Jan 18 09:50:46 PST 1994
Article: 53311 of rec.radio.amateur.misc
Path:
netcom.com!netcomsv!amd!decwrl!koriel!cs.utexas.edu!howland.reston.ans.net!usenet.ins
cwru.edu!ukma!eng.ufl.edu!usenet.ufl.edu!mailer.acns.fsu.edu!freenet2.scri.fsu.edu!i
jordan
From: ijordan@freenet2.scri.fsu.edu (Ian Jordan)
Newsgroups: rec.radio.amateur.misc
Subject: Yaesu FT-11R Xtend Tx Mod
Date: 18 Jan 1994 15:47:44 GMT
Organization: Tallahassee Free-Net
Lines: 96
Message-ID: <2hh0b0$i9b@mailer.fsu.edu>
NNTP-Posting-Host: freenet2.scri.fsu.edu

This mod gives you extended transmission range on a Yaesu FT-11R.

I have knowlege that this mod works, but take no responsibility for any
damage it does to your radio, the legality of this mod, or any other
incurred damages.

After the mod a FT-11R will have:

Recieve: 110.000-135.995 (AM) 136.000-180.000 (FM)
Transmit: 136.000-180.000 (FM)
Empty Memories and a completely reset radio

First, Remove the antenna, battery pack, and pocket clip (if installed)
from the radio. Then remove the four black screws from the corners of
the main section of the radio, the two black screws from the bottom center
section of the main body, and the two silver screws from the bottom of the
keyboard section. Now carefully separate the back and front halves of the
radio, taking care not to put too much strain on the internal ribbon cable,
or loose the small metal strap holder or the battery release button.
Once you have opened the radio, carefully remove the metal plate covering
the back of the keyboard. Then remove the "AF" pcboard by first removing
the two copper screws in the middle of the board, then holding the bottom
of the pcboard and the mic/speaker jacks between your thumb and forefinger
and pulling straight up. This may take a little force, as you are

seperating two connectors. Once you have the "AF" board removed, set it and the connector/keyboard backplane board aside. Now look at the lower left corner of the controller board. You should see the 8 jumpers (they are very small), set up like this:

Top of radio

L A o-o o o E I don't know how the jumpers relate to the
E B o-o o o F ones on the schematic, so the letters are just
F C o o o/o G for reference in this article
T D o-o o o H
"-" means a solder jumper, and "/" means resistor

These are the functions of the jumpers that I know of:
A- Turns your radio into the euro version (TX between 144.000-146.000)
B- ?
C- ?
D- This is the important one. Gives you extened TX range
E- Turns your radio into the 440Mhz version. Not Suggested!
F- ?
G- ?
H- Same as jumper "E"

The only jumper that this mod deals with is "D". It currently has a solder jumper across it. Remove the solder across the jumper with really small solder wick or a desoldering station, taking care not to touch any plastic with your soldering iron. Once this solder jumper is removed, you now have extened tx range. Now carefully replace the "AF" board first, and then the connector/keyboard backplane board. Take care to get the copper grounding connector on the side of the mic/speaker jacks well seated. Replace the two copper screws in the middle of the "AF" board, and the two silver screws on the bottom of the keyboard. Replace the battery eject button and strap holder, and then replace the back half of the radio. Replace all the screws, put the battery and antenna back on, and turn the radio on. You should see 144.000 on the screen. Turn the radio off and the hold the MHZ/\ and MHZ\/ buttons while turning the radio on. You now have the transmit range between 136.000-180.000.
As a suggestion, you can store completely different transmit and recieve frequencies in a memory (see manual), so if you store a service frequency in a memory, you can program a legal HAM frequency as the transmit freq. so you never accidently transmit on an illegal frequency.

Another neat feature that I have found on these radios is the "Clone" feature. You can transfer all memories from one FT-11R to another FT-11R. First, make a cable using two male stereo 1/8" connectors,
and connecting the top(gound) and middle conductors of the plugs straight through. Don't connect the tip conductors together though. Plug this cable into the earphone jacks of the two radios, and on each radio, hold down the "FM" button while turining it on. You should see every character flashing on the screen. Now, on the radio which you wish to recieve the memory contents from the other radio, press the MHZ\/ button. You should see

"RX CLN" on the screen. Then on the radio which is to send it's memory
contents, press the MHZ/\ button. "TX CLN" should appear on the screen for
about 5 seconds, then it should return to the flashing screen state. The
recieving radio should now be in normal operating mode. Turn both radios
off, and remove the cable. That's it. This function overwrites all of
the recieving radio's mem contents, and copies everything from memories
to pager codes to the status of the light. WARNING: The instant that you
hit the MHZ\/, your memories are GONE, even if the transfer is unsuccessful!
Also, both radios must have the same jumper settings to successfully
complete the cloning process.

That's all I know for now! Have fun!

Any other questions? Contact me at "ijordan@freenet.fsu.edu"

--
* * Ian Jordan * *
>>>

Hope this was what you were looking for...
--

Lyle Tanner
KC7IPY, ICP927
ltanner@indirect.com
http://www.disaster.net/icp/

1155. Re: Keyer-Paddle Input Sought

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <41rs9o$3po@tilde.csc.ti.com>
Source record: 213293

In article <dddavis.17.00284D51@mindspring.com>, dddavis@mindspring.com says...
>
>I am considering a iambic paddle and keyer to help me learn the code. I see in
>the MFJ catalog a keyer combined with a Bencher paddle (MFJ-422C). I'd be
>interested in anyone's opinions as to whether this is a good way to go or if I
>should consider something else. Thanks in advance.

Like most things, it's more a matter of preference and opinion than cold hard fact as to which keyer and paddle is best. My preference is a vibroplex iambic paddle and any curtis 8044ABM based keyer. The Curtis 8044 chip is an application specific device that most keyers (including the MFJ you describe, I think) are utilizing. I was heavily into mobile CW for a while and found the BENCHER paddle would "pop its' spring" if I accidentally dropped the keyer off of the front car seat. I like the vibroplex 'cause it is VERY HEAVY and doesnt slide around.

--
73 from Joe Fitter BV2/N0IAT in Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

1156. Re: K-com filters and Telephone RFI

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <41rbh5$16e@bighorn.accessnv.com>
Source record: 213294

I have found the K-Com filters quite effective when installed per directions and recomendations. There are 2 types with different frequency ranges (medium frequency and HF). They work well on common mode currents.

Antenna systems running moderate to high power close household wiring doesn't help. Try moving antennas away from house if possible. Or, be prpaired to buy several pounds of snap-on ferrites!

73, Bob KG7D

1157. Re: Extended Rcv on FT51r?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: wright@onramp.net
Message-ID: <wright-2808951722480001@dal37.onramp.net>
Source record: 213295

I Just changed the line in win.ini to a "1", and was able to load in out
of band frequencies for receive. But, when I tried to listen to local
radion stations in the FM band, I got nothing. Any ideas?

Jeff Wright
wright@onramp.net

In article <41r6q1$35d@umcc.umcc.umich.edu>, lbutler@umcc.umcc.umich.edu
(Les Butler) wrote:

> In article <41h0g9$94n@maureen.teleport.com>,
> Max Sabo <tigger@jcomm.uoregon.edu> wrote:
> >Someone posted here a few weeks ago a software mod for this radio using
> >the software program that was written for it. He said that all you need
> >to do is change the line allowanyfrequency=0 to allowanyfrequency=1 in the
> >win.ini file (the line should be under a section toward the end of the
SNIP

> It works fine....
> Les
>
> --
> Les Butler KB8WKE....
>

1158. Re: DSP Filter Advice??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: Grant Youngman <us007699@interramp.com>
Message-ID: <41t67l$i2q@usenet1.interramp.com>
Source record: 213296

tuck@europa.com wrote:
>I operate CW most of the time and am interested in either the Timewave 59+
>or MFJ 784B. Any advice? The areas of most concern are:

It seems to me that the responses you have received pretty much tell a tale of their own .. that is, that not everyone likes the same piece of equipment.

Everyone has their own reasons for liking one box over another. And of course, whatever they have ended up with is "the best". I ran an NIR-10 and the older DSP-59 (no "+") side by side for months. Sometimes one was "better" than the other in some specific respect on that day with those band conditions, sometimes the other way around. Every one of the boxes is a compromise one way or the other -- if they weren't, you and I couldn't afford to buy one. I finally parted with the NIR-10, but not because it was a crummy product -- only because for MY needs, the DSP-59 represented a better set of compromises. I currently use a DSP-59+ and I'm happy with it, but I'm also itching to get my hands on an NIR-12 to see how that one plays.

The early MFJ "Super DSP" was really crummy in a lot of ways. Tried one briefly and moved on quickly! Sounds like they may have improved things in the "B" version.

You'll never know which one is best for you unless you try them all side by side. So the way out is to pick one and run it for a while and see if YOU like it. 'Cuz what I like, or what somebody else likes may not be what you're gonna like.

And you'll always wonder if the grass might have been greener with the one you didn't buy :-) :^} ....

Grant/NQ5T

1159. Re: DSP Filter Advice??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: pklein@news.seattleu.edu
Message-ID: <41tkn9$no7@bach.seattleu.edu>
Source record: 213297

In article <tuck-2308951638490001@walkingstick.europa.com> you write:

>I operate CW most of the time and am interested in either the Timewave 59+

I have the Timewave DSP-59+.

>Does the unit generate its own noise? This is really irritating when I
>use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
>for selectivity. I listen with headphones. QST panned the 59+ in this
>area.

There is a little digital noise, barely noticeable with the radio volume turned all the way down. With any radio noise or signal, it either goes away or you don't notice it.

>How does the unit handle CW spotting? Can you hear your own sidetone if
>it's the same frequency as the received signal?

Yes, presuming the sidetone is loud enough to be heard above the received signal/noise. Also, if you're using bandwith filtering, pressing a button generates a tone at the center frequency. Since my rig's sidetone is fixed at 800 Hz and I prefer 600, I set my RIT to a pre-marked place and use the Timewave's tone. You can set the unit up to bypass on CW transmit, so your sidetone comes through even with narrow filtering on a different frequency.

>How well does the noise reducton feature work?

Incredibly well. I can actually stand to listen to 75m SSB (well, the signals, if not the content. . .). The noise reducer is less effective on CW, but still noticeable. But you almost don't need it on CW. If you narrow the bandwidth to 100 Hz or less, you get rid of so much noise it's unbelievable, with no ringing.

On RS-10/12/15, I use both narrow filtering and noise reduction, and it helps. Interestingly, my Icom 745's IF noise blanker gets rid power line/impulse noise better, and the Timewave seems better at general atmospheric crud, so I use 'em both as needed.

I've been a ham for 26 years, and the Timewave is the first thing I've bought in a long time which was a truly revolutionary change for the better.

73,
Peter, KD7MW
--
Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
Information Services : | | | | | | |

Seattle University : @| @| @| @| @| @| @| @|

1160. ICOM 706 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <41tm1f$aqe@newsbf02.news.aol.com>
Source record: 213298

I just copied this from one of the ham forums on CIS if anyones interested:

**** ICOM America, Inc has annonced to dealers on August 25, 1995 ****

We expect to start shipping the IC-706 to the dealers on
September 27 - 29, 1995.

The following is a listing of retail pricing for the IC-706 and some accessories.

IC-706 Transceiver $ 1560.00
CR-502 High Stablity Crystal $ 76.00
MB-62 Mounting Bracket Main Unit $ 20.00
MB-63 Mounting Bracket Ctrl Panel $ 14.00
OPC-581 3.5 M Seperation cable $ 48.00
OPC-589 8 pin to RJ-45 adaptor $ 28.00
OPC-598 7M AT-180 Extension cable $ 58.00
OPC-599 7 & 8 pin to 13 pin cable $ 48.00
UT-102 Voice Synthesizer $ 59.00

This is all I have pricing for at this time. I will update this list as I receive the information.

73' Gary Fiber KF7XV
Icom America, Inc.

(Gary is Icom tech support representative on Compuserve)

1161. Re: TS-850S PWR control question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: jeff.mcleman@airdata.com
Message-ID: <41tl7g$67j@www.airdata.com>
Source record: 213299

chipa@eskimo.com (Chip Adams) wrote:

>Anyone know which pot to tweak in order to lower the minimum power
>output of the TS-850S below 10 watts? I haven't popped for the
>$50 service manual (yet).

>Chip, K7LR
>chipa@eskimo.com

Crank the power control to minimum and decrease the carrier control
until you get 5 Watts.

Jeff

KD1IT

Jeff McLeman jeff.mcleman@airdata.com
McCaw Wireless Data, Inc.
Kirkland, Wa. kd1it@algedi.ampr.org

http://www.airdata.com/

"Wireless in Seattle!"

1162. Re: Yaesu Repair, USA phone # ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: tgliang@eskimo.com
Message-ID: <DE1oJH.4Cn@eskimo.com>
Source record: 213300

In article <41jmf1$p6l@ixnews5.ix.netcom.com>, wd6dih@ix.netcom.com says...
>
>
>>find the phone for Yaesu. The # is 310-404-2700. Available 9-5 M-F
>>Pacific time. Also besure to ask them to verify the sending zip code
>for
>>Cerritos. In my warranty info book it was listed as 90705. Two
>>different Yaesu folks said it was 90703! So I don't know.
>>
>>Anyway, 73s and hope this is of some help.
>>`73 de the one and only KE4CUK....
>>From Somewhere in the Sticks in Coweta County, GA
>>
>>*** And as always.... Thank You for Shopping @ YOUR Newnan WAL*MART
>***
>>
>>----
>>Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
>>Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
>>Lilburn, GA 30247-7440
>
>The Yaesu address is:
>
>YAESU USA
>17210 Edwards Rd.
>Cerritos, CA 90703
>
>(Please note, the new zip code is 90703)
>
>
>73's
>
>Kevin, WD6DIH

I am reluctant to put in my 2 cents worth, but I just sent my YAESU FT-736R back to Yaesu to install the 9600 Baud capability. They installed it, tested it, and sent it back working just fine, Furthermore, since it is a feature new satellite transceivers have, and since it is still under warranty, they did it for free! Anyway, I called them up first to get instructions. This is what they said: "Include receipt, letter of repairs, return shipping address, and the sender's telephone." Send it to YAESU Service Department, YAESU USA, 17210 Edwards Road, Cerritos California 90701-2459 Their phone number is (310) 404-2700. The above information is from their service receipt, but I suppose I used the same address when I

sent the FT-736R to them via UPS. I hope this adds to clarity and not confusion. 73 de KC7EMC

1163. For Sale: Scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: kq4io@aol.com
Message-ID: <41tssm$dh6@newsbf02.news.aol.com>
Source record: 213301

```
The following items are for sale, contact
Larry, AE4FV (305) 435-8524

Realistic PRO-2006 scanner $300.
Diamond D130J discone antenna $60.
```

1164. Re: What Happened to CALLSIGN.CS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: cliff@pgh.nauticom.net
Message-ID: <DE04Co.MvB@pgh.nauticom.net>
Source record: 213347
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I don't know about callsign.cs.buffalo.edu 2000.

You can get the same filters on callsign.ualr.edu 2000. I think it has
the level of sophistication you're looking for.
73,
Cliff K3LL

Dave Roznar (droznar@best.com) wrote:
: I hope someone here knows the answer to this. I used to Telnet to....
: callsign.cs.buffalo.edu 2000 and use their online callbook. I know there are a
: lot of others, but this one would let you look up a persons NAME, etc. I used
: it to find a friend, since he has long since changed his call.

: I tried it yesterday and it did not respond with the callsign server. Anyone
: know what happened, or of another one that lets you use NAME as an input?

: ==
: Dave Roznar - W6TGE

: Saratoga, CA

: email droznar@best.com
: ==
--

+---+
|cliff@nauticom.net K3LL @ W3UDX.#WPA.PA.USA.NOAM |
| k3ll@nauticom.net "Adapt, Migrate, or Die." |

1165. Comparison of small full feature HF rigs (Kenwood, Alinco, Yeasu?)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: ltinaro@infi.net
Message-ID: <41r2f1$eev@allnews.infi.net>
Source record: 213348

I am interested in picking up a small full function HF rig. The original choice was the Kenwood TS-50 but now there is the Alinco DX-70 (?) and also a Yeasu model that I can't think of just now. Does anyone have any pros or cons on any of these rigs? Also, what are the street prices on these currently? Any comments apprieciated.

Pete Borders - WB4TKA

1166. Re: Timewave vs. JPS DSP Noise reducers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: doughall@nando.net
Message-ID: <41r360$kav@parsifal.nando.net>
Source record: 213349

russ@gslink.net (Russ Leblanc) wrote:

>Has there ever been a comparison between the Timewave's 59 and the NIR10
>DSP units? The 59 looks to have more controls.

I won't get into the comparison here since I'm obviously biased, but
keep in mind that the top-of-the-line model from JPS is the NIR-12, a
dual-DSP unit featuring two different types of noise reduction -
adaptive peaking *and* spectral subtraction. The NIR-12 was introduced
at Dayton this year. There is a data sheet and a photo on the JPS web
page at
http://emporium.turnpike.net/J/JPS/jps.html
or you can email jps@nando.net and request one.

73,
Doug Hall, KF4KL
JPS Communications, Inc.

1167. Re: 2m/70cm Handheld Reccomendations ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDDzvvr.2ps@netcom.com>
Source record: 213350

David M. Comer (dcomer@mack.rt66.com) wrote:

: I just passed my no-code yesterday and am looking to purchase an 2m/70cm
: handheld. 1-1/4 would be nice, but... What I would like is to hear from
: some experienced handheld users as to the types of features that are
: particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
: are any particular units worth considering, I'd appreciate some input as
: to your experience with the units. I appreciate your input. Feel free to
: e-mail me, however, I would guess that there are plenty of new HAMs
: looking for the same, so a post is preferred.

I'd give consideration to the Yaesu FT-51R. My wife passed her Tech. last weekend, and I was able to get her callsign off the UALR callsign server yesterday, so you probably won't be waiting too long, depending on how quickly your VE team forwards the paperwork.

Anyway, she likes the 51R because of its small size. It can also be programmed via Windows with the optional software and interface cable.

Handhelds for the 220 MHz band are getting harder to find; someone still does make a 2M/220 handheld, and I can look up that info. if you like.

Number of memories is a definite consideration. Not knowing where you live, i can't comment on the repeater density. I have a Radio Shack HTX-202, and that's the only complaint I have. It has only 12 memories, and I have almost 40 repeater frequencies for 2M/440 programmed into my scanner for this area.

If you will be using more than one repeater, scanning would be nice to have. In conjuction with that, you may want extended frequency receiving capabilities (i.e. it can be used as a scanner outside the ham bands) but be aware that this increases susceptibility to intermod.

You'll definitely want CTCSS encoding capability, but this is usually standard. I've been considering the Icom IC-3SAT for 220, and it is optional.

Size, weight and power output may also be important to you.

I'm sure that others will give you some good ideas.

73, and welcome to the amateur fraternity!

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it

(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

1168. Re: Er 2 error msg. on HTX 202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-28 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <41r5k5$jo6@vivanews.vivanet.com>
Source record: 213351

Abraham Stavsky (ag001@lafn.org) wrote:

: I have gotten this error msg. display in the LCD of my HTX202
: (R.S.). However, by removing inxxxx the NiCad pack and re-inserting,
: the msg. goes away & functions are normal. Any idea what's causing
: this on a fairly new (6 mos.) HT?

Typically, this will happen when you use the rubber duckie, and the
alkaline battery pack, or an external power source - the RF gets into
the HT via the keypad. If you're getting it with an external
antenna, however, you may want to send it back and have it checked out.

1169. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: dnorris@gn2.getnet.COM
Message-ID: <199508292356.QAA10865@gn2.getnet.com>
Source record: 213152

In Ham-Equip Digest V95 #372 Ray Wilson wrote:

>From: Ray Wilson <n3rkh@omni.voicenet.com>
>Subject: Comparison of small full feature HF rigs (Kenwood, Alinco, Yeasu?)

>I bought an Alinco DX-70...neat radio but the noise blanker
>is terrible.

>Good luck.

>Ray.

I have one also and concur 100%. So far that is the weakest link and
actually, the only major flaw I have found. I took it on a 3800 mile
vacation and had a ball listening and chatting.

cdn

////////////////////////////////////
/ K7NO /
/ dnorris@getnet.com - 71572.2126 CIS /
//////////;-)//////////////////////////

1170. Re: 2m/70cm mobile: Kenwood TM-733A - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: demetre@helios.intranet.gr
Message-ID: <41uc6k$k1p@helios.intranet.gr>
Source record: 213153

Simon Twigger (simont@post.its.mcw.edu) wrote:
: Hi there,

: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
: was wondering what experiences people have had with this radio. I am
: basically looking to buy a 2m/70cm mobile rig with a removable front
: so I can mount the main body of the rig in the trunk of the car and
: have the display up front. I dont think I can install a mobile rig
: in my car (honda Civic 4dr) any other way.
: If anyone has any opinions on this or any other radio that fits
: the bill, I would be interested to hear them.

The 733 is a fine radio, easy to use, never gets hot, and very stable !!
The only minus is the small number of memories available and the somewhat
strange place the packet modem jack is found (front panel)...
In my opinion the 733 is a good choice for a mobile dual bander...

73's

1171. 2m/70cm Handheld Reccomen

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.4072.7583.0NFBAFA7@woodybbs.com>
Source record: 213154

Subject: 2m/70cm Handheld Reccomendations ?

>>I just passed my no-code yesterday...

Congratulations!!!

>>... and am looking to purchase an 2m/70cm handheld.

We're the WORST group to ask for equipment recommendations! We're much too biased.

I would like to advise you to join your local Amateur Radio club. They can provide you with HANDS-ON experience with many units.

Then, after you have performed all your research, you will independently discover that the Standard C558a is one of the finest HTs you can buy.

<grin>

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

1172. Re: 2m/70cm Handheld Recc

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.4073.7583.0NFBAFA8@woodybbs.com>
Source record: 213155

Subject: Re: 2m/70cm Handheld Reccomendations ?

>>Handhelds for the 220 MHz band are getting harder to find; someone
>>still does make a 2M/220 handheld, and I can look up that info. if you
>>like.

It's from Standard.

• wcECHO 4.1 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

1173. Do the manufacturers give

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.4074.7583.0NFBAFA9@woodybbs.com>
Source record: 213156

Subject: Do the manufacturers give a damn?

>>My experiences vary-

Why STANDARD isn't in your "Big Three" I have no idea.

I haven't run into a better Customer Relations Department than theirs.
For either technical support or product information. A first class
operation (with first class products).

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221

1174. Re: What Happened to CALLSIGN.CS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: droznar@best.com
Message-ID: <41trgm$f01@news1.best.com>
Source record: 213207
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

edlyon@iquest.net (~name) wrote:

>>
>Try using this one : http://www.ualr.edu/doc/hamualr/callsign.html

>You can search this database by Callsign, Name, City, State, or Zip.
>Additionally, it is based on the FCC Callsign database and is updated
>daily.
>73's ED -- AA9OE

Thanks Ed, someone else gave me this but not as a web page.

1175. ICOM IC-W2 manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: gbg@hol.gr
Message-ID: <41tnf1$9dc@newsflash.hol.gr>
Source record: 213208

I'm trying to find the manual of ICOM dual band transceiver IC-W2,
is there someone who has it and can photocopy and mail it to me ??
I would be more than grateful..
Thanks in advance, 73's from sunny Athens, GR

p.s. My mailing address is : P.O.Box 3489, 102 10 Athens, GREECE.

1176. Help for extend TX/RX for Alan CT180

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: py3dzz@lec-bbs.pu3akm.ampr.ORG
Message-ID: <53170@LEC-bbs.ampr.org>
Source record: 213209

Hello to all!

Y need de modifications for Alan CT180 2m transceiver for extend TX/RX frequencies.

Tanks in Advnced

please sen a mail : PY3DZZ@LEC-BBS.PSICO.UFRGS.BR

73/S Claudio

73. Claudio

Mailbox : PY3DZZ @ PY3DZZ.RS.BRA.SA
AMPRNet : py3dzz@py3dzz.ampr.org

1177. Best HF rig in $1500 range?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDE1r63.5tp@netcom.com>
Source record: 213210

I am interested in purchasing a new HF transceiver in the $1500 price range. I am looking very closely at the Kenwood TS850. I would appreciate hearing any comments our opinions on this radio and / or comparison to any other HF radios in the same price range.

Also, on the TS850, is the build in antenna tuner any good? Is it broadbanded to tune up a G5RV, for example? What about the other assories like the station monitor, filters, etc? Any comments?

Thanks and very 73's.

Herb - KG6OK

--
herbr@netcom.com

1178. FS: Motorola Expo HT's (UHF)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: pmccoy@netins.net
Message-ID: <41tt9u$25g@insosf1.netins.net>
Source record: 213211

I have 2 Motorola Expo 2 channel UHF HTs' that I would like to sell.
They are currently set up to a commercial repeater on channel #1, and
talk-around on channel #2.

I would like to sell the whole package for $200 plus COD shipping (UPS).
The package includes the following:
-2 radios with batteries and antennas
-rapid rate Motorola charger
**The radios have belt clips on the back of them...no need for
expensive leather cases.

If interested, please feel free to contact me at the following address:

pmccoy@netins.net

1179. Re: IC-706 Any Feedback?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: eengel@eskimo.com
Message-ID: <DE1uC8.DGL@eskimo.com>
Source record: 213212

dhinch@cello.gina.calstate.edu (David L. Hinch) wrote:

>I just saw the ad in the new QST for the IC-706. Has anyone seen one and
>had any experience with it? Looks pretty interesting. Any info on
>the pricing? Thanks in advance.

>73 Dave KE6MYC
>--
Got this off CIS tonight. It was posted by someone from Icom support:

**** ICOM America, Inc has annonced to dealers on August 25, 1995
****

We expect to start shipping the IC-706 to the dealers on
September 27 - 29, 1995.

The following is a listing of retail pricing for the IC-706 and some
accessories.

IC-706 Transceiver $ 1560.00
CR-502 High Stablity Crystal $ 76.00
MB-62 Mounting Bracket Main Unit $ 20.00
MB-63 Mounting Bracket Ctrl Panel $ 14.00
OPC-581 3.5 M Seperation cable $ 48.00
OPC-589 8 pin to RJ-45 adaptor $ 28.00
OPC-598 7M AT-180 Extension cable $ 58.00
OPC-599 7 & 8 pin to 13 pin cable $ 48.00
UT-102 Voice Synthesizer $ 59.00

This is all I have pricing for at this time. I will update this list
as
I receive the information.

73' Gary Fiber KF7XV
Icom America, Inc.

Ed Engel N7UQZ
eengel@eskimo.com

1180. Help with no-code survey..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: russ@primenet.com
Message-ID: <41ttal$cdq@nnrp3.primenet.com>
Source record: 213213

Thanks for reading this, my name is Russell Gore and I am a student at
DeVry Institute of Technology in Phoenix. Part of my technical
writing class is a survey, please complete the following survey and mail
it back to me at RUSS@PRIMENET.COM thanks..

What class of license do you hold?
Do you support the idea of no-code on HF? Why?

****
Please send answer for the two questions to RUSS@PRIMENET.COM

--
****
Russell Gore WL7AG || Internet: russ@primenet.com
8902 N 19th Ave apt2031 || Packet: WL7AG@K7BUC.AZ.USA.NA
Phoenix, AZ 85021 || Compuserve: 72377,2075
****
Student at DeVry Institute of Technology in Phoenix, Arizona

1181. Re: Do the manufacturers give a damn?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: timsaw@ibm.net
Message-ID: <41tvdg$2je2@news-s01.ny.us.ibm.net>
Source record: 213214

>We try to check email every day but, we travel
>around the country doing 3-4 shows a month so sometimes it takes 2-4
>days for a response. Someday in the future we will have people full
>time taking service questions via email.

Kevin,

We'll just have to get OS/2 running on that laptop of yours so that you
can check you mail every day! <g>

- Tim -

1182. I want to buy tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: "Howard E. Mullins" <75444.1127@CompuServe.COM>
Message-ID: <41tv26$3lj$2@mhafm.production.compuserve.com>
Source record: 213215

I will buy all types of Vacuum Tubes in all quantities from 1 to 12,000 pcs. per part number. Larger quantities in some cases. Tubes must be New even though they are more than likely old stock. I also buy some used tubes. Please email to 75444,1127 or fax your list to 209-266-1254. Thank you

Howard Mullins

--
Howard Mullins
IPD

1183. Re: Do the manufacturers give a damn?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: nj0m@primenet.com
Message-ID: <41u2ra$q3@nnrp1.primenet.com>
Source record: 213216

We're not one of the "Big 3" manufacturers and perhaps that's why we do give a damn. My name's John Hill, my call's NJ0M and I'm the Product Engineer at Timewave Technology. Our Internet support will be on line soon. In the mean time, you can call me at 612-452-5939, fax me at 612-452-4571, or email me at nj0m@primenet.com, if you need technical support. 73 and C.U. in the Pile-ups...John, NJ0M

1184. Re: $1,800 WEEKLY! MAILING OUR CIRCULARS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: ichudov@star89.galstar.com
Message-ID: <41v3t2$oms@mercury.galstar.com>
Source record: 213217
Cross-posted to: soc.culture.russian,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.ham-radio,ott.jobs,ott.forsale.other,ott.forsale.computing,ont.jobs,newbridge.rec,newbridge.notice,newbridge.forsale,misc.invest.technical,misc.invest.stocks,misc.invest.canada,bc.jobs,alt.current-events.russia,ab.jobs

John L. Rouse (jrouse@dc.infi.net) wrote:
* Bell-Northern Research <bizsol@magi.com> wrote:
* >
* > Come and visit our WWW site we may be able to help you advertise your mail
* > order business. We offer many different types of jobs and income opportunities
* > for everyone!!
* >
* > http:******
* >
* Boy, this really has a lot to do with ham radio, doesn't it?
* Just another example of the greedy in hot pursuit of the
* greenback without actually spending money for advertising..
* I see this is also copied to alt.current-events.russia. Lots
* of potential there -- get your kiosk on the Internet, hi...

Just mail to his postmaster.
--
- Igor. SCS&R Yellow Pages: http://www.galstar.com/~ichudov/index.html
For public PGP key, finger me or send email with Subject "send pgp key"
"There is something sexy about a computer nerd." - actress Sandra Bullock

1185. CommSpec ts32 encoder/decoder doc

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: abernat@metronet.com
Message-ID: <41urj4$14e@feenix.metronet.com>
Source record: 213218

I have a comspec ts32 ctcss encoder/decoder in my possession, but not doc. Could someone please help me get the doc, either via fax or a phone number to Communications Specialists ? Many thanks in advance.
73 de Bill, kd5lu.

---

abernat@metronet.com - Bill Abernathy

1186. Equipment For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: mikey@primenet.com
Message-ID: <41ugps$5ld@nnrp1.primenet.com>
Source record: 213219

I have the following equipment for sale:

Yeasu FT-840 HF rig. Antenna tuner, 20 amp power supply, paddle/keyer combo, desk mic, dummy load, low pass filter. $800.00

Radio Shack HTX-212 2m mobile $200.00

AEA PK-232 MBX Multi-Mode with NEC 286 laptop (no HD or battery, but with AC Adapter) $250.00

Cushcraft R7 $300.00

Cushcraft AR-270 $ 50.00

Ranger RCI-2950 10m mobile $200.00

Please e-mail me at: mikey@primenet.com

73
Mike
KC6YWT

1187. Re: IC-706 Any Feedback?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <41uvl7$54e@over.mhv.net>
Source record: 213220

Ed Engel (eengel@eskimo.com) wrote:
: dhinch@cello.gina.calstate.edu (David L. Hinch) wrote:

: >I just saw the ad in the new QST for the IC-706. Has anyone seen one and
: >had any experience with it? Looks pretty interesting. Any info on
: >the pricing? Thanks in advance.

: >73 Dave KE6MYC
: >--
: Got this off CIS tonight. It was posted by someone from Icom support:

: **** ICOM America, Inc has annonced to dealers on August 25, 1995
: ****

: We expect to start shipping the IC-706 to the dealers on
: September 27 - 29, 1995.

: The following is a listing of retail pricing for the IC-706 and some
: accessories.

: IC-706 Transceiver $ 1560.00
: CR-502 High Stablity Crystal $ 76.00
: MB-62 Mounting Bracket Main Unit $ 20.00
: MB-63 Mounting Bracket Ctrl Panel $ 14.00
: OPC-581 3.5 M Seperation cable $ 48.00
: OPC-589 8 pin to RJ-45 adaptor $ 28.00
: OPC-598 7M AT-180 Extension cable $ 58.00
: OPC-599 7 & 8 pin to 13 pin cable $ 48.00
: UT-102 Voice Synthesizer $ 59.00

: This is all I have pricing for at this time. I will update this list
: as
: I receive the information.

: 73' Gary Fiber KF7XV
: Icom America, Inc.

: Ed Engel N7UQZ
: eengel@eskimo.com

Thank you Ed! Look foward to hearing more.

Tom - KB2SMS

1188. Re: Yaesu Repair, USA phone # ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: jwdxt@boco.co.gov
Message-ID: <41v4fk$gfn@news-1.boco.co.gov>
Source record: 213221

Thomas Liang (tgliang@eskimo.com) wrote:
>In article <41jmf1$p6l@ixnews5.ix.netcom.com>, wd6dih@ix.netcom.com says...
>>
>I am reluctant to put in my 2 cents worth, but I just sent my YAESU FT-736R
>back to Yaesu to install the 9600 Baud capability. They installed it,
>tested it, and sent it back working just fine, Furthermore, since it is a
>feature new satellite transceivers have, and since it is still under
>warranty, they did it for free! Anyway, I called them up first to get
>instructions. This is what they said: "Include receipt, letter of repairs,
>return shipping address, and the sender's telephone." Send it to YAESU
>Service Department, YAESU USA, 17210 Edwards Road, Cerritos California
>90701-2459 Their phone number is (310) 404-2700. The above information is
>from their service receipt, but I suppose I used the same address when I
>sent the FT-736R to them via UPS. I hope this adds to clarity and not
>confusion. 73 de KC7EMC
Thanks to all who responded, both here and by e-mail. I have more than
enough info and we can let this thread die a peaceful death now. :)

Jim Deeming
KB0MED

1189. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: Lord GAD <73110.250@CompuServe.COM>
Message-ID: <41v7qjbvm1@mhafm.production.compuserve.com>
Source record: 213222

>>These is no law that requires you to hold an Amateur license for
>> purchasing an Amateur radio transceiver.

AHA! I think there should be. If you must be lisensed to xmit, why not be lisensed to buy? I realize that my own situation would change as my fiance bought me my first rig, but hey, compromise is key.

In SCUBA, you can buy all the equipment you want, but you cannot buy compressed air or an air tank without a "C" card. perhaps we need the same enforcement in HAM.

--

His eminence, Lord GAD

1190. Re: Extended Rcv on FT51r?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <41v7ds$rjh@tivoli.tivoli.com>
Source record: 213223

In article <wright-2808951722480001@dal37.onramp.net>, wright@onramp.net (jeff wright)
writes:
|> I Just changed the line in win.ini to a "1", and was able to load in out
|> of band frequencies for receive. But, when I tried to listen to local
|> radion stations in the FM band, I got nothing. Any ideas?
|>
|> Jeff Wright
|> wright@onramp.net
|>
|>
|>
|>
|>
|>
|>
|>
|> In article <41r6q1$35d@umcc.umcc.umich.edu>, lbutler@umcc.umcc.umich.edu
|> (Les Butler) wrote:
|>
|> > In article <41h0g9$94n@maureen.teleport.com>,
|> > Max Sabo <tigger@jcomm.uoregon.edu> wrote:
|> > >Someone posted here a few weeks ago a software mod for this radio using
|> > >the software program that was written for it. He said that all you need
|> > >to do is change the line allowanyfrequency=0 to allowanyfrequency=1 in the
|> > >win.ini file (the line should be under a section toward the end of the
|> SNIP
|>
|>
|> > It works fine....
|> > Les
|> >
|> > --
|> > Les Butler KB8WKE....
|> >

Jeff,

I don't have an FT-51R, but I suspect you cannot hear stations in the
FM broadcast band because FM broadcast signals use 75-kHz deviation,
as opposed to the 5-kHz deviation used for amateur NBFM signals. Unless
there is a separate filter for the broadcast signals, you won't hear
anything.

73,
Jeff, KC1MK

1191. Re: Where can I get a gel cell battery?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: CC015012@brownvm.brown.edu
Message-ID: <41v9om$m8a@cocoa.brown.edu>
Source record: 213224

In article <41o4ke$doi@news.sas.ab.ca>, morganp@fn1.freenet.edmonton.ab.ca ()
said:

>Where can I get a gel cell battery?
>suggestions on where to get one?

Most mail-order places have gel-cells but maybe expensive for the
higher quality cells.

I have a large number of new (sealed in package) Gates Cyclons:
48V/8Ah (in a 2"hx11"deepx16"wide steel enclosures), these
be broken down into 12V/8Ah and 6V/8Ah. I also have 12V/5Ah
(individual E cells in a white clam-shell. Can be rewired for
any voltage between 2 and 12 [multiple of 2]).

Datecoded 12-94.

If anyone needs some....

john

1192. Re: Where can I get a gel cell battery?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: miller@polaron.physics.colostate.edu
Message-ID: <41vj09$jbb@polaron.physics.colostate.edu>
Source record: 213225

In article <41o4ke$doi@news.sas.ab.ca>,
<morganp@fn1.freenet.edmonton.ab.ca> wrote:
>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?

Check your local industrial or electrical supply wharehouses.
Gelcells are commonly used in emergency lighting and alarm systems,
and are usually available at these sorts of places. They tend to be
wholesale oriented, but many will sell retail. Pick up the yellow
pages and call around.

--
Allen Miller PP-ASEL KB0NDD miller@lamar.colostate.edu

1193. designs for homebrew mic-pre-amp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: you@somehost.somedomain
Message-ID: <41vnfe$3nn@giga.bga.com>
Source record: 213226

Any one know a souce for designs of audio pre amps . I want to try my hand a building some mic preamps
for recording applications. Old manuals or sourches of schematics would be
perfect.
Thanks
Ed Guinn
kb5ruf
majec@bga.com

1194. Yaesu FT-530 replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: jwdxt@boco.co.gov
Message-ID: <41vn9k$lop@news-1.boco.co.gov>
Source record: 213227

I need to replace the antenna on my FT-530. Does anyone know of a third-party rubber duck that meets or exceeds the performance of the Yaesu original? I was always pretty impressed with the factory duck, but there's no time like the present for an upgrade, right?

Thanks,
Jim
KB0MED

1195. Re: 2m/70cm Handheld Reccomendations ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: dpbaker@lilly.com
Message-ID: <1995Aug29.143107.6053@inet.d48.lilly.com>
Source record: 213228

>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
I have the Yaesu FT-51R. This is a VERY good radio. I like mine
very much. I have a friend who purchased one on my recommendation
and he is equally happy.

Dave Baker

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

1196. Re: 2m/70cm Handheld Reccomendations ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: jdc@cci.com
Message-ID: <DE2zBH.KM0@sunsrvr6.cci.com>
Source record: 213229

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

1197. CommSpec ts32 encoder/decoder doc

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: frank.fowler@firstdue.com
Message-ID: <8B013B6.01EF00163A.uuout@firstdue.com>
Source record: 213230

-> I have a comspec ts32 ctcss encoder/decoder in my possession, but not
-> doc. Could someone please help me get the doc, either via fax or a
-> phone number to Communications Specialists ? Many thanks in advance.
-> 73 de Bill, kd5lu.

Communications Specialists, Inc.
800-854-0547 (voice)
800-850-0547 (fax)

1198. For sale in UK....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: sean@allison.demon.co.uk
Message-ID: <809726487.19129@allison.demon.co.uk>
Source record: 213231

Hi

Business forces sale!!!!

I have a Yaesu FT411 2M FM handheld, Nicads, Baycom Modem, Rotator with extended bearing, 2M 2 ele beam and a 'Javelin' dipole - oh yes and a boat load of 50 Ohm Thickwire Ethernet Coax. Sell as complete lot for ï¿½150. Please E-Mail me if interested - Thanks.

Sean G6RNR
E-Mail Sean@allison.demon.co.uk

1199. Re: HELP ME PLEASE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDE393r.AuC@netcom.com>
Source record: 213232

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

1200. Background noise using HTX-202 mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Message-ID: <41vv0s$mh9@post.gsfc.nasa.gov>
Source record: 213233

During recent qso's from my car, I have been told that I have a lot of background noise. The noise sounds like I have the windows open even though I do not. The noise disappears when I stop the car, even if the engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

1201. Yaesu FT51r

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: Veldman@esass.iaf.NL
Message-ID: <3042d219.esass@esass.iaf.nl>
Source record: 213234

wd6dih@ix.netcom.com (Kevin Karamanos) writes:

>>
>>What about the Yaesu mobile adapter that has a built-in fan for cooling?
>>When I was looking at this radio right after it came out they had a mobile
>>mount that provided power and a fan for cooling. I think this item has
>>been discountinued. . . maybe Yaesu should reinstate it.

>The PA-10 with a built-in fan was discontinued due to slow sales and
>high price. The PA-10A (without a fan) replaces the PA-10 with a lower
>price. Also the new E-DC-12 works great for it's low low price.

Personally, I think it is a shame that the PA-10 needed to be so
expensive, and they now only sell the PA-10a. What does a simple fan
cost for Yaesu? The fan is the ONLY difference between the PA-10 and the
PA-10a. Instead of selling a usefull option that the competitors don't
have, for a reasonable price, they cripled the PA-10 to 'justify' the
lower price! Come on Yaesu! Put that low cost fan in it and add it to
the price of the unit, and continue to sell it! You will sell a lot more
PA-10's if they are just $ 5,- more expensive but contain the fan! And
then you have something that your competitors don't have. Yaesu, are you
listening?

However, don't dispair. There is a solution!
The PA-10 may have been discontinued, but the PA-10a is still available.
It contains the ventilation holes, fan mount, etc. It just misses the
most usefull component: the fan itself. I bought a PA-10a and mounted a
fan in it myself. Just a standard size 40mm fan that is everywhere
available. It fits exactly on the fan mounting holes. The only thing you
need to modify is the heat sink (for the transistor that brings down the
voltage to 11.5 volts). You need to cut of the upper part of it. Since
the unit has now a fan, the heat sink doesn't need to be that large
anymore. I even doubt that the heat sink had to be that large anyway, it
looks like they wanted to fill in the space of the fan, to avoid that it
is to obvious that you can easily mount the missing fan there yourself.

I powered the fans at the 11.5 volt output to make them input voltage
independant, via a series resistor of 22 ohm. The latter is to minimize
the 'noise' of the fan. It doesn't need to run at full speed.

Anyway, I have two modified PA-10's now, one in my car, and one as a
base unit. Both work flawless and the handheld doesn't get hot anymore,
even not after lengty QSO's at full power. They work very convenient:
just snap in the HT, and it is fixed firmly in place, even if your
extension microphone pulls on it, and if you need to take the radio,
grab it out with just one hand.

Without the PA-10, the radio isn't the same anymore. It falls on its face all the time if you use the extension microphone, it runs hot and suddenly stops transmitting, etc.

Another modification I made was to replace the built in trickle charger by a fast charger, using the ICS 1702 chip. It avoids memory effects also and doesn't overcharge the batteries like the trickle charger does.

Why doesn't Yaesu sell a decent mount, with a fan, and a charger that doesn't slowly destroy the batteries? The FT51r is a great radio, but it lacks some good accesoiries. It looks like the accesoiries are designed by a different company than the radio itself. The radio contains all features that you can think off, but the accesoiries appear to have not been tested in the 'real world' and are not even used by Yaesu itself.

--

Thunderbye,
Frans Veldman

= veldman@esass.iaf.nl Phone (ESaSS) + 31 - 8894 22282 =
= 2:282/222.0@fidonet Fax (ESaSS) + 31 - 8894 50899 =
= Fax (VirLab) + 31 - 59 182 714 =
= Ham radio: PE1PVX @ 430.050MHz NFM, 145.600MHz NFM DTMF-page 789 =
= PGP fingerprint: 8A 0F 36 90 29 6D 19 42 B7 8D 74 9A A7 E5 28 4E =

1202. Re: Help with no-code survey..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDE3Apw.BB@netcom.com>
Source record: 213235

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a codeless class of license was proposed; we now have it. There is a place for no-coders already. If they want HF privileges, let them earn them.

Jim

1203. YAESU 747 acting up

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DE375t.Ln2@avalon.chinalake.navy.mil>
Source record: 213236

My YAESU 747 started acting up a few days ago. Does anyone have any ideas or seen this problem.

INSTALLATION: The 747 is in a remote head configuration. The radio is in a camper shell on a pickup truck (FORD RANGER) and I am in the Mojave desert so it gets real hot back there. I have not seen this problem in the previous three summers. The antenna system is a SPIDER with 7 resonators feed through an SGC-230. There does not appear to be an SWR problem or output power problem

SYMPTOMS:
1. The SWR/S-meter starts jumping on receive like there were a close by AM-CW signal interfering.

2. The audio level goes down and then eventually goes away. No audio at all.

3. Sometimes keying the mike will return the radio to normal function for a short time (this is SSB mode with no modulation to speak of).

4. Sometimes the radio will not transmit power. It shows transmit mode (light) but no output power.

5. Turning the radio off for a few minutes seems to return the radio to normal function and then the cycle starts over again.

6. It does not seem to have the problem at night.

It sounds like a thermal problem and I am guessing that there is a component like a capacitor gone marginal but I canï¿½t locate a good candidate on the schematic so I am looking for anyone with a similar experience.

Thanks,

Bill Harwood

1204. WANTED: Any info on pirate radio station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: LAHM51B@prodigy.com
Message-ID: <4204ao$72q@usenetz1.news.prodigy.com>
Source record: 213237

I'd like to start my own pirate radio station.
What equip. do I use, or need.
Any info would be very appreciated.

Chad Mears

1205. CAT Repeater Controller Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: ieeelib@cc.memphis.edu
Message-ID: <1995Aug29.165109.57577@msuvx2.memphis.edu>
Source record: 213238

Hi,
I am looking to buy a replacement Repeater Controller to replace our lightning struck ACC-RC85 controller.

Since ACC is out of business we decided to shop around for a controller.

We have finally narrowed our search down to the CAT-1000 controller from Computer Automation Technologies in Florida.

Any body used their controllers before ???

If you have any comments I would like to hear them.

Thanks in Advance,

Suresh N9GSA

___ ___ _____ Suresh Kagoo, Sr. Network Engineer, HealthSphere of America Inc.
| |__| | / ____\ / \ 5135 Covington Way #4| Domain: IEEELIB@MSUVX1.MEMST.EDU
| __ | ____ \ / - \ Memphis, TN 38134 | AMPR : n9gsa@gate.n9gsa.ampr.org
|_| |_| _____/ /_/ _\ 1-800-532-3107 | AX.25 : N9GSA@W4BS.#WESTN.TN.USA

1206. Re: Do the manufacturers give a damn?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: sking1@ix.netcom.com
Message-ID: <4208q6$2vo@ixnews3.ix.netcom.com>
Source record: 213239

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

1207. Re: Heathkit HO-10 Monitor Scope question.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: drawson@sagehen.Tymnet.COM
Message-ID: <41vsjg$39n@tymix.Tymnet.COM>
Source record: 213240

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

1208. Re: 2m/70cm Handheld Reccomendations ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: Lord GAD <73110.250@CompuServe.COM>
Message-ID: <41vs85$3gb$1@mhadg.production.compuserve.com>
Source record: 213241

I have a Kenwood TH-79a and I love it. It has some wuirks, most of which are resolved in the newer TH-79AD. I'm told my signal is good and have had no complaints on receive other than the small speaker. Aircraft rx is good too.

--

His eminence, Lord GAD

1209. Re: Yaesu FT-530 replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: Lord GAD <73110.250@CompuServe.COM>
Message-ID: <41vsc0$3gb$2@mhadg.production.compuserve.com>
Source record: 213242

I dont know about Yaesu, but I have a Kenwood TH-79a and the duck really blew chunks on it. I got an ANLI RD-8H and I love it. Night and day difference.

--

His eminence, Lord GAD

1210. Re: 2m/70cm Handheld Reccomendations ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: walt@lfs.loral.com
Message-ID: <41v1kq$1753@watnews1.watson.ibm.com>
Source record: 213243

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

1211. Does anyone know of where

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.4068.7583.0NFBAF9D@woodybbs.com>
Source record: 213244

Subject: Does anyone know of where I can get a battery cover plate fo

>>I would like a battery connection cover plate for my HTX-202...

Look for the Icom one --- I am holding one in my hand right
now, but there's no catalog/part number on the darned thing.

Clint Bradford
---
* TLX v4.00 * A feature is a bug with seniority.

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

1212. Opinion on Periphex batte

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.4069.7583.0NFBAF9E@woodybbs.com>
Source record: 213245

Subject: Opinion on Periphex batteries

>>Anyone else out there had a good or bad experience with Periphex
>>batteries.

I have had excellent results from all my Periphex batteries.

Write up your experience - cooly, calmly, and accurately - and fax/send
it to Periphex. I bet you'll be handled appropriately.

Clint Bradford
... ATTENTION to Details BBS - 909-681-6221 - REACT/GMRS/AMATEUR RADIO
---
* TLX v4.00 *
• wcECHO 4.1 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

1213. Yaesu FT-11R Mods Request

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.4070.7583.0NFBAF9F@woodybbs.com>
Source record: 213246

Subject: Yaesu FT-11R Mods Requested

>>...extended TX mods for the Yaesu FT-11R...

From ATTENTION to Details BBS 909-681-6221:

This mod gives you extended transmission range on a Yaseu FT-11R.

I have knowledge that this mod works, but take no responsibility for any
damage it does to your radio, the legality of this mod, or any other
incurred damages.

After the mod a FT-11R will have:

Receive: 110.000-135.995 (AM) 136.000-180.000 (FM)
Transmit: 136.000-180.000 (FM)
Empty Memories and a completely reset radio

First, Remove the antenna, battery pack, and pocket clip (if installed)
from the radio. Then remove the four black screws from the corners of
the main section of the radio, the two black screws from the bottom center
section of the main body, and the two silver screws from the bottom of the
keyboard section. Now carefully separate the back and front halves of the
radio, taking care not to put too much strain on the internal ribbon cable,
or loose the small metal strap holder or the battery release button.
Once you have opened the radio, carefully remove the metal plate covering
the back of the keyboard. Then remove the "AF" pcboard by first removing
the two copper screws in the middle of the board, then holding the bottom
of the pcboard and the mic/speaker jacks between your thumb and forefinger
and pulling straight up. This may take a little force, as you are
separating two connectors. Once you have the "AF" board removed, set it and
the connector/keyboard backplane board aside. Now look at the lower left
corner of the controller board. You should see the 8 jumpers (they are very
small), set up like this:

Top of radio

L A o-o o o E I don't know how the jumpers relate to the
E B o-o o o F ones on the schematic, so the letters are just
F C o o o/o G for reference in this article
T D o-o o o H
"-" means a solder jumper, and "/" means resistor

These are the functions of the jumpers that I know of:
A- Turns your radio into the euro version (TX between 144.000-146.000)
B- ?
C- ?

D- This is the important one. Gives you extended TX range
E- Turns your radio into the 440Mhz version. Not Suggested!
F- ?
G- ?
H- Same as jumper "E"

The only jumper that this mod deals with is "D". It currently has a solder jumper across it. Remove the solder across the jumper with really small solder wick or a desoldering station, taking care not to touch any plastic with your soldering iron. Once this solder jumper is removed, you now have extended tx range. Now carefully replace the "AF" board first, and then the connector/keyboard backplane board. Take care to get the copper grounding connector on the side of the mic/speaker jacks well seated. Replace the two copper screws in the middle of the "AF" board, and the two silver screws on the bottom of the keyboard. Replace the battery eject button and strap holder, and then replace the back half of the radio. Replace a the screws, put the battery and antenna back on, and turn the radio on. You should see 144.000 on the screen. Turn the radio off and the hold the MHZ/\ and MHZ\/ buttons while turning the radio on. You now have the transmit range between 136.000-180.000.
As a suggestion, you can store completely different transmit and receive frequencies in a memory (see manual), so if you store a service frequency in a memory, you can program a legal HAM frequency as the transmit freq. so you never accidentally transmit on an illegal frequency.

Another neat feature that I have found on these radios is the "Clone" feature. You can transfer all memories from one FT-11R to another FT-11R. First, make a cable using two male stereo 1/8" connectors,
and connecting the top(ground) and middle conductors of the plugs straight through. Don't connect the tip conductors together though. Plug this cable into the earphone jacks of the two radios, and on each radio, hold down the "FM" button while turning it on. You should see every character flashing on the screen. Now, on the radio which you wish to receive the memory contents from the other radio, press the MHZ\/ button. You should see "RX CLN" on the screen. Then on the radio which is to send it's memory contents, press the MHZ/\ button. "TX CLN" should appear on the screen for about 5 seconds, then it should return to the flashing screen state. The receiving radio should now be in normal operating mode. Turn both radios off, and remove the cable. That's it. This function overwrites all of the receiving radio's mem contents, and copies everything from memories to pager codes to the status of the light. WARNING: The instant that you hit the MHZ\/, your memories are GONE, even if the transfer is unsuccessful! Also, both radios must have the same jumper settings to successfully complete the cloning process.
---

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

1214. Re: KENWOOD RELIABILITY

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <4202ua$6ap@newsbf02.news.aol.com>
Source record: 213247

In article <41oc2c$c12@iii2.iii.net>, sefranek@iii2.iii.net (Thomas C Sefranek) writes:

>Well Ed,
> Out of 5 rigs (TS-440's) we bought, all five failed with the VCO
>glue. I fixed my own, the rest sent them in for repair. One has been
>repaired in other ways,

Man, does that sound familiar. Besides myself, I know 3 other guys who bought kenwood ts440s's (late models), and EVERY friggen one of crapped out the same way. I fixed mine once, and then had kenwood fix it. Sam damn thing. One would think that all radio manufactures would know how to make a pll by now. Guess not.

>
>On the other hand, NOTHING I've ever owned didn't at one time or another
>need fixin. Ask me about the ICOM W2A...

True enough. I just wish my jap radio equipment was HALF as reliable as my wife's Kenmore washing machine. After the adventures with my '440, I have decided to make that my first, and last Kenwood. The next biggest piece of crap I own is an Icom 04/at. Yet even more PLL problems. I can promise this, the next hf radio I buy will in all likelyhood be a TEN-TEC.

BTW, Our little group of ham guys gets together almost every Saturday night, and we have a long-standing joke that refers to the one of the guys "DEAD RADIO COUCH" down in his basement /radio room. Pretty funny stuff. That sucker was loaded about 2.5' high last year with a wide variety of broken Kenwoods and Icoms. Ahhh, guess you had to be there.

Pat, KE1C

1215. New Hams & Rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: toadman389@aol.com
Message-ID: <420313$6bi@newsbf02.news.aol.com>
Source record: 213248

My father (KA3AEN) and I (N3VZM) just recently passed our TEch Plus & Tech no-code licences recently and are soon attending a hamfest north of Pittsburgh. We think we would like to have a pair of 2m handhelds, as well as a rig at home that we can expand with (I'm planning on upgrading as soon as I learn code). Please lend us some experience so we know what to look for in both. Thanks a million.

73,
Todd Ellis

1216. Drake TR-33c?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: am024@detroit.freenet.org
Message-ID: <41vvum$g4s@detroit.freenet.org>
Source record: 213249

I have an oppurtunty to purchase a Drake Tr-33c. I know it's 2
meter, but is it FM or SSB/CW? or both? The kid selling it has NO
idea what it does. Give me some info! Power, modes, controls?

1217. LOOKING FOR KENWOOD TM-701 RADIO

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: rrc2@engrng.pitt.edu
Message-ID: <rrc2.24.001ACB9E@engrng.pitt.edu>
Source record: 213250

Look to buy a Keenwood TM-701 Dual band radio

Anyone have one for sale??

Rich
WA3QKX
(412)624-9820 WK

1218. Re: Help on TV tuner/frame grabber card!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-29 00:00:00 UTC
From: Jeff Ross Feigin <hi@wpi.edu>
Message-ID: <Pine.ULT.3.91.950829200703.440A-100000@bigwpi.WPI.EDU>
Source record: 213251

sounds like the reveal tv200-- dont have the software for it anymore since i sold my pc and got a mac, but it is available from damark for about $150.

jeff

1219. Re: Ham Logging Software --- try HYPERLOG

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <420vmg$fbd@tilde.csc.ti.com>
Source record: 213052

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are interested in the casual day-to-day logging, not contest logging. For casual daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I believe
version 2.24 was a "testware" program that allowed free testing for a period of time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before, date, time, band, etc. Shows QSO's with that country before. Automatically tally's DXCC and WAS by band, by mode. Has default settings for power-up (I enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

1220. TM-742A Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: token@owens.ridgecrest.ca.us
Message-ID: <DE3yp0.B7J@ridgecrest.ca.us>
Source record: 213053

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

1221. Re: Best HF rig in $1500 range?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: VillyM@cus.cul.ca
Message-ID: <422330$7as@missun.cus.cul.ca>
Source record: 213054

In <herbrDE1r63.5tp@netcom.com>, herbr@netcom.com (Herb Rosenberg) writes:
>
>Also, on the TS850, is the build in antenna tuner any good? Is it

My experience is that the built in antenna tuner will tune almost anything.
I have a 20 metre dipole up, and the antenna tuner will give me what looks like
1:1 on 80,40 and 15. Doesn't work very well, but the finals see 1:1 <G>.

I also tried it on the new bands, but no go there....

Villy G. Madsen
VE6SQ

1222. Re: Heathkit HO-10 Monito

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: jeff.sumberg@sailboard.com
Message-ID: <8B022CE.012D001A3F.uuout@sailboard.com>
Source record: 213055

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

1223. Re: TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <4230cf$gpd@nile.intac.com>
Source record: 213056

In article <9508300930442468@mogur.com>,
Rick Edwards <rick.edwards@mogur.com> wrote:
>I have a new 742A. It is a great radio! I enjoy it very much.
>However, I do have a couple of questions that I can't seem to find the
>answer to in the manual. Maybe you can help me.
>
>
>2) When using the 742A in a crossband repeat mode between a 220
>repeater and my 2m HT, I have to wait for the 220 repeater to drop
>before I can transmit. This becomes a real drag when on a roundtable
>on the 220 repeater and it has a long hang time. Is there anyway
>around this? Is there a way to make the 742A act like a single
>frequency repeater on the 2m side (ie. sample the receive every few
>hundred milliseconds)?
>
The TM-742A unfortunately does not support a sampling of the control band,
however there is a way around your problem, if you can get the cooperation of
the repeater owner(s).

If you can convince the owner of the repeater to put a CTCSS (P.L. or Channel
guard for the Motorola / G. E. types out there) encoder on the _output_ of
the repeater, keyed by the COR so that the tone is only present when there is
someone transmitting on the _input_, then you will be able to break in without
waiting for the 'tail' to drop. This will also require that you get the
optional CTCSS Decode board for the '742A. With this arrangement, when a
station keys up the repeater, it will transmit a sub-audible tone which
will bring up the 'control band' TX on the '742A. As soon as that station
stops transmitting, the tone will stop and the decoder on the 'operating band'
of the '742A will turn off and the '742A will stop transmitting. This will
give you a window to get in before the next station transmits.

There is one small downside to this setup. You, listening on your HT will not
hear the repeater's courtesy tone and must be aware of whether or not your
HT is receiving your '742A transmitter. If you try to transmit while your
'742A is still transmitting, you will not get through until it stops. Not a
big deal, but something to be aware of.

73's
Gary, WA2BAU

1224. Need KDK info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: sandberg@chinook.halcyon.com
Message-ID: <422l4r$iog@news1.halcyon.com>
Source record: 213057

I have recieved a request from an operator in Mexico for information and
a parts source for parts for his KDK FM transciever, model no. FM-2015R.

Any help or pointing in the right direction would be greatly appreciated.

tnx,
Cris AB7FM
sandberg@halcyon.com

1225. help syntor programming.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: ak165@lafn.org
Message-ID: <1995Aug30.230651.21796@lafn.org>
Source record: 213058

```
>any information for how to re-program the syntor uhf (450-470) mobile radio
>to ham freq. this radio's freq is control by a fuse prom. please contact
>me via e-mail or call 310-803-2190. thanks.
```

1226. WANTED: Any info on pirat

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.4171.7583.0NFBAFBE@woodybbs.com>
Source record: 213059

Subject: WANTED: Any info on pirate radio station

>>I'd like to start my own pirate radio station.
>>What equip. do I use, or need.
>>Any info would be very appreciated.
>>Chad Mears

Contact this group in writing:

Federal Communications Commission
Washington, DC 20554

Be sure that your correspondence clearly identifies how the FCC may
reach you for further information, and that the matter you are addressing
is understandable and accurate.

Clint Bradford
... Artificial Intelligence is no match for Natural Stupidity.
---
* TLX v4.00 *
 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

1227. Re: Best HF rig in $1500 range?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: bgn00@juts.ccc.amdahl.com
Message-ID: <421o4v$i5c_001@spg.amdahl.com>
Source record: 213060

In article <herbrDE1r63.5tp@netcom.com>,
herbr@netcom.com (Herb Rosenberg) wrote:
>I am interested in purchasing a new HF transceiver in the $1500 price
>range. I am looking very closely at the Kenwood TS850. I would
>appreciate hearing any comments our opinions on this radio and / or
>comparison to any other HF radios in the same price range.

I have owned many rigs in the last 5 years. I just love playing with the new knobs I guess. Which rig's well lets see: TS-830S, TS-850S/AT, TS-940S/AT (QTY 2), FT-1000D, FT-900/AT, FT-890/AT, IC-725, IC-735, and several Hand Helds and mobile VHF/UHF rigs.

The best NEW rig that can be had for $1500, IMHO is the FT-900/AT, but if you do not mind buying used, buy the FT-890/AT. That rig is great! Small box, great receiver and noise blanker. All the features of the TS-850/AT except for the memories. That I would say is the only negative aspect of the FT-890. The FT-900 is a great radio also, but I really feel that the 890 is a better rig over all, and if you don't plan on using it as a PERMANENT mobile rig, than the 890 WINS!

Now the Kenwood TS-850 is a fin radio and don't get me wrong on this, I do not mean to cut it short, but the FT-900 and 890 will out perform the Kenwood on a side by side test. I have done it and I am convinced.

What is one of my all time favoite's, The Kenwood TS-940S/AT with a few mod's applied. Like the Geihl firmware update, and the IRCI 2.1Khz SSB filters. That rig is great once you fix up the cooling fans in it. They tend to break down and get noisy after about one year of operation. Best fix I have heard of is to replace them with PC type 12 Volt muffin's. Although I have not personally done this, it sounds like a good Idea.

I am using the FT-1000D at the home station now, and it is really the greatest radio I have ever owned, but good God it is expensive.

73 and I hope this helps.

Name: Bill.Nadzam
E-mail: bgn00@juts.ccc.amdahl.com (Bill.Nadzam)

1228. What good is 6 Meters?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: orbelld@pcbe.edu.on.ca
Message-ID: <orbelld-3008951615150001@204.41.1.203>
Source record: 213061

My interest in 6m is growing.....thought I'd throw out a few questions going through my mind.

Is a multi mode 6M rig worth the expense(when I don't have an HF rig that will take a 6M model) or do most just work FM?
Do most just work simplex, or work repeaters?
Do operaters on 6M have problems causing interference on the TV frequencies?(I've heard that used to be a problem)
Why do many 6M Rigs only operate on 10 watts?
I probably can't afford to get into 6M right away, but research dosen't cost too much!

73

Dave VE3RRN

Lakefield, Ontario

1229. Test--Do not read!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: slob@physics.att.com
Message-ID: <DE55nt.1qA@nntpa.cb.att.com>
Source record: 213062

This is a test, please do not ɪespond.

1230. Re: ICOM On-Line??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: Ed@Ed
Message-ID: <DE4unt.vMF@bocanews.bocaraton.ibm.com>
Source record: 213063

ICOM USA 800-872-4266

1231. Help with Ham equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: visw@cronos.homer.att.com
Message-ID: <DE52Hp.CBp@ulysses.homer.att.com>
Source record: 213064

Hi,
One of my friends wanted to buy ham equipment.
He wrote that, it should be in the L band with atleast 5w of power.

Anybody out there can help me, where shall i look for this?
Where can i get more info about all the different brands of equipments
available out there??

Thanks in advance,
Ajai.

1232. [FS TH-78A Still in the box!!!]

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: a032623t@bcfreenet.seflin.lib.fl.us
Message-ID: <422bjm$m7u@bcfreenet.seflin.lib.fl.us>
Source record: 213065

I bought a TH-78A some time ago and listen for while but did not like what I heard , And now needs to sell the radio still in box. any information call me at (305) 321-9647 or fax (305) 731-3423. or write to P.O.Box 490633 Fort Lauderdale, FLA, 33349-0633

73 PY8 USA

Kris Cordova
a032623t@bcfreenet.seflin.lib.fl.us

1233. RE: Yaesu FT-530 replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: BobW@msn.com
Message-ID: <00001fed+000012ef@msn.com>
Source record: 213157

Try the Diamond RH77CA, it is a bit longer the the stock but it works great.

1234. Re: Yaesu FT-530 replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DE3Ls5.3Dr@world.std.com>
Source record: 213158

jwdxt@boco.co.gov (Jim Deeming) sed:

:>I need to replace the antenna on my FT-530. Does anyone know of a
:>third-party rubber duck that meets or exceeds the performance of the
:>Yaesu original? I was always pretty impressed with the factory duck,
:>but there's no time like the present for an upgrade, right?

Try Larsen or Anli. There are others. I use an Anli RD8-H with my 530.

Jim Martin, WK1V	I speak for no one...Not
Lowell, Massachusetts	even for myself!
USAF (Ret)ained	#include "std_disclaimer.h"
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	Intentionally Left Blank

1235. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DE3Lr2.3Bs@world.std.com>
Source record: 213159

Lord GAD <73110.250@CompuServe.COM> sed:

:>>>These is no law that requires you to hold an Amateur license for
:>>> purchasing an Amateur radio transceiver.

:>AHA! I think there should be. If you must be lisensed to xmit, why
:>not be lisensed to buy? I realize that my own situation would
:>change as my fiance bought me my first rig, but hey, compromise is
:>key.

Your eminence, Lord GAD:

[Here we go again with this thread] ;-D

Have you thought about the ramifications that would exist if what you stated came to be? Nearly every ham who holds a Novice thru Advanced class ticket would not be able to purchase an HF rig that covered the entire amateur HF spectrum. Since they are not licensed to transmit in the next higher class' of license subband they [according to your statement] should not be able to purchase such a rig.

And a Novice operator would not be able to buy a two meter radio.

Think about it. It's not up to us [as hams] to determine who can and cannot own or purchase a radio. After purchase it is between the buyer and the FCC if the radio gets used. Unless of course you are appointing yourself an operation police person. Then YOU can run around and check to make sure that stores are selling xmitting equip only to licensed individuals.

Otay?

Jim Martin, WK1V	I speak for no one...Not
Lowell, Massachusetts	even for myself!
USAF (Ret)ained	#include "std_disclaimer.h"
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	Intentionally Left Blank

1236. Heath HW8

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: acameron@PROBLEM_WITH_INEWS_DOMAIN_FILE
Message-ID: <420ijc$rjn@globe.indirect.com>
Source record: 213160

I have a Heath kit HW8 that needs the VFO variable capacitor replaced.
Does anyone know the specs on this capacitor? Heath no longer stocks them.
I can probaly find one some place if I know what to ask for.

Thanks,

Allan Cameron Carl Hayden High School
N7UJJ Computer Science Department
acameron@hayden.edu 3333 W. Roosevelt, Phoenix, 85009
(602) 271-2417

1237. Re: w1fb,rtty

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: davew@cruzio.com
Message-ID: <DE3r2D.J9M@cruzio.com>
Source record: 213161

Used it for the first time a couple weeks ago in SARTG and it is GREAT! Had the operation down after working a few qso's. I changed the buffers to match the contest but that is one of the things the manual says to do before a contest. I did mine on the fly and it is very easy. The only way to do an rtty contest.

.

--
Dave Wells KD6TO; INTERNET: davew@cruzio.com
Packet:KD6TO@K6LY.#CENCAL.CA.USA.NOAM; COMPUSERVE:74067,1755
(WA4UQQ Worldwide Amateur Radio Directory III KD6TO)
.

1238. Motorola Micro TAC Elite Cellular Phone - For Sale!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: Mark Latham <markl@frontier.net>
Message-ID: <420kn3$itq@molas.frontier.net>
Source record: 213162

Motorola's newest top of the line cellular phone
Micro TAC Elite
for info, contact Sean Murray @ (970)749)2214

1239. Re: Motorola Micro TAC Elite Cellular Phone - Not For Sale!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: Mark Latham <markl@frontier.net>
Message-ID: <420l38$itq@molas.frontier.net>
Source record: 213163

sorry....I posted this to the wrong newsgroup. Many apologies..markl

1240. Re: Heath HW8

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: ke4iof@aol.com
Message-ID: <420nu8$f2m@newsbf02.news.aol.com>
Source record: 213164

In article <420ijc$rjn@globe.indirect.com>,
acameron@PROBLEM_WITH_INEWS_DOMAIN_FILE (Allan Cameron) writes:

>
>I have a Heath kit HW8 that needs the VFO variable capacitor replaced.
>Does anyone know the specs on this capacitor? Heath no longer stocks
them.
>I can probaly find one some place if I know what to ask for.
>
>
>Thanks,
>
>Allan Cameron Carl Hayden High School
>N7UJJ Computer Science Department
>acameron@hayden.edu 3333 W. Roosevelt, Phoenix,
85009

I looked at my schematic. I suppose you're refering to C302A/B. The
schematic shows "6.2 - 17.2". No "pf" or any other markings. The manual
simply describes it as a VFO Tuning Capacitor. I hope this helps.

Mark

1241. TH-79A special functions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: Larry_Flader@mindlink.bc.ca
Message-ID: <Larry_Flader.3.3043EC48@mindlink.bc.ca>
Source record: 213165

Hello. I was wondering if anyone knows of any "undocumented" features that go along with the Kenwood TH-79A(D).

For example: Does it have the ability to act as a DTMF decoder????

Any replies would be greatly appreciated!!

The only "undocumented" feature I know is the ability to cross band repeat.

Thanks, 73's

1242. Ham Logginf Software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: td_eecs@ix.netcom.com
Message-ID: <420j87$f4k@ixnews7.ix.netcom.com>
Source record: 213166

Does anyone know a GOOD loggin program for ham radio. I know there are some out there, but I'm having bad luck getting one. I recently bought a CD-ROM that had no less than 15 logging programs -- none of them worked! I'm not too anxious to part with green money again until I know what I'm getting in advance!

Does anyone have one that they are really in love with? If so, why the love affair!

Thanks,

Tom

1243. Re: Cushcraft R-7

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: lwerner@cts.com
Message-ID: <DE3tv8.HIn@crash.cts.com>
Source record: 213167

Brian Westfall <bdwest@intele.net> wrote:

>I am considering purchasing the R-7 vertical. I don't know anyone around here who
>has one. Any opinions would be appreciated.

>Brian Westfall
>KA0KEV

Brian,

I've had personal experience with an R-5 and an R-7 at my previous residence, and a Mosley TA-33 jr. (4-element 5-band) yagi and then a KLM KT-34 (4 element triband) beam, with inverted Vees for 40 and 80 meters at my current location. Of course the beams outperformed the R-5 and R-7 on 10-20 meters as you would expect, but the R-7 is better overall on 40 meters than my inverted Vee setup. Another advantage about the R-5/R-7 is that you don't need to get them very high off the ground to perform well. 10 ft. off the ground and free of any close obstacles is fine.

The only drawback I can see about the R-7 as compared to the R-5 is that it is not as broad-banded on 20 meters. (The R-5 is almost flat throughout 20 meters).

I think you pretty much can't go wrong with either the R-5 or the R-7. They're both It's a good overall antennas, and the R-7 is especially on 40 meters.

Feel free to contact me via e-mail if you wish to discuss it any further.

Larry Werner
KM6XV

lwerner@mediashare.com

1244. Re: Best HF rig in $1500 range?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: lwerner@cts.com
Message-ID: <DE3ty9.Hr5@crash.cts.com>
Source record: 213168

herbr@netcom.com (Herb Rosenberg) wrote:

>I am interested in purchasing a new HF transceiver in the $1500 price
>range. I am looking very closely at the Kenwood TS850. I would
>appreciate hearing any comments our opinions on this radio and / or
>comparison to any other HF radios in the same price range.

>Also, on the TS850, is the build in antenna tuner any good? Is it
>broadbanded to tune up a G5RV, for example? What about the other assories
>like the station monitor, filters, etc? Any comments?

>Thanks and very 73's.

>Herb - KG6OK

>--
>herbr@netcom.com

For the money, you can't go wrong with the 850.

1245. Trade VHF MT-1000 for FT-530/51-R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <421720$d73@news1.deltanet.com>
Source record: 213169
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I have a Motorola MT-1000 16ch 5W HT with speaker mic belt clip and 2 batteries and the scanning option included to trade for either a Yaesu FT-530 or FT-51-r. The MT-1000 is in good condition and I will include software if needed. Please reply via e-mail (mikek@deltanet.com) thanks and 73

1246. Copper Electronics phone no?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: fmdavis@bnr.ca
Message-ID: <fmdavis-3008951611160001@47.69.129.247>
Source record: 213170
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment,rec.radio.swap

Can someone please post the phone number for Copper Electronics?

Thanks in advance!

~~~~~~
Fred M. Davis VA3FD | These opinions mine
Nepean, ON. | fmdavis@bnr.ca
(Ottawa suburb) | fred.davis@nt.com
~~~~~~

1247. Re: ICOM On-Line??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <42139f$jum@ixnews5.ix.netcom.com>
Source record: 213171

Icom can be contacted at: 75540.525@compuserve.com

73, WB6LWS Jim in Pacifica, CA

1248. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: gene@ilsi.COM
Message-ID: <199508300355.UAA28400@UCSD.EDU>
Source record: 213172

We would like to ask you to place a link from your site to our
homepage. Please check out our homepage and let us know what you think.

We have created a database to assist people that want to advertise on
the internet. Using this database, people with homepages will now be able
to easily find appropriate sites for links to their homepage.

We are Internet List Services Inc. and we would appreciate your help.
Please visit us at: http://www.ilsi.com/ilsi5.html

Thank you,

Gene

1249. Re: Do the manufacturers give a damn?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <421o5l$l1q@ixnews3.ix.netcom.com>
Source record: 213173

In <41skr7$hg@newsbf02.news.aol.com> billo88@aol.com (BILLO88) writes:
>
> The only dealing I had with Yaesu was good....I picked up a Yaesu
>boatanchor, FT560DX, it needed a big trimmer cap for the load or
>something. I called with the part number and was told that the part
was
>so old it was not in the computer. Two days later that very part came
in
>the mail....NO CHARGE. This happened several years ago but I do
remember
>when a big company does something like that. bill
>billo88@aol.com

You better believe that Ten-Tec cares. Best service in the amateur
community!

Regards,

Duffy - WB8NUT

1250. Re: Drake TR-33c?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <421oih$pm6@ixnews5.ix.netcom.com>
Source record: 213174

In <41vvum$g4s@detroit.freenet.org> am024@detroit.freenet.org (Robert Thomas Jackson) writes:
>
>
>I have an oppurtunty to purchase a Drake Tr-33c. I know it's 2
>meter, but is it FM or SSB/CW? or both? The kid selling it has NO
>idea what it does. Give me some info! Power, modes, controls?

I owned a TR-33 right after they first came out. It is FM only, and I do not remember the exact power, but it is only a couple of watts. It is xtal control, but uses only one xtal for the repeaters. You buy the xtal for the receive freq (i believe) and the radio has the ability to offset that for xmit. I liked the radio, but then I also like the TR-22. Wish they would sell something like that again.

Regards,

Duffy - WB8NUT

1251. Kenwood TM 255E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: ftronel@ens-lyon.fr
Message-ID: <421i1c$jg0@cri.ens-lyon.fr>
Source record: 213175

Hello,

I've got an all mode 2 meters transceiver Kenwood TM 255E.
It has a very efficient reception.
But sometimes the output power decreases suddenly (to only the half nominal power), where as the VSWR of the antenna does not exceed 1.2 (it happens even on a dummy load !!) and moreover the linear amplifier is not really hot. So I suppose that there's a problem with the thermal protection or the SWR protection but i'm not sure.
If someone else has the same problem and may be has found the solution :

e-mail ftronel@ens-lyon.fr

Frederic
F1SDZ

PS: Excuse me for my bad english

1252. Re: Ham Logging Software --- try HYPERLOG

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <4213lp$k2t@ixnews5.ix.netcom.com>
Source record: 213176

I second the endorsement of Hyperlog. A very nice program and some nice people behind it.

73, Jim WB6LWS in Pacifica, CA

1253. Re: Ham Logginf Software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <4214n2$kcc@ixnews5.ix.netcom.com>
Source record: 213177

As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
844-9023.

73, Jim WB6LWS in Pacifica, CA

1254. Re: HT too HOT to handle?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <4223do$cbm@solaris.cc.vt.edu>
Source record: 213178

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was

> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy

>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

1255. Re: Ham Logginf Software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: geo@nando.net
Message-ID: <42239c$b1p@parsifal.nando.net>
Source record: 213179

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

1256. Do Equipment Manufacturers Care?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: cowanr@isma8.monmouth.army.mil
Message-ID: <07615CBB@MHS>
Source record: 213180

For what its worth.
I have never had ANY trouble out of TENTEC or Cushcraft.

73, Roland WF4P

1257. Re: 2m/70cm Handheld Reccomendations ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: Harry Salvini <hgs@wdl1.wdl.loral.com>
Message-ID: <422duf$4fr@wdl1.wdl.loral.com>
Source record: 213181

David M. Comer wrote:

..looking to purchase an 2m/70cm handheld.

To which Walt Johnson replied:

> ... My rationale [for getting a W31]:
>
>1) ... lighted keypad
>2)☐☐☐ ... fifty memories for each band
>3) ... keypad
>4) ... accessories

I got a 31 for the same reasons as Walt (I don't know him, he works for another division of Loral).

I also got a IC-2341H for use as a local repeater in the parking lot outside of our building. The building has this mylar on the windows and blocks most of the radio signals (but not the heat during the summer) :-(Having this combo allows me to talk to my wife who works about 25 miles away. We're both using a repeater 1/2 way in between.

I have really come to love the 31. It's been in the seat of my dirt bike (wrapped in a towel and plastic baggie), with the ICOM heaset mike (don't remember the model number). It's also been on the back of my bicycle, with it's rubber duckie antenna. This last one got us out of a jamb, when we were lost on a camping trip. My wife was able to talk us back into camp, using tall ridges/trees.

It's been used by the local sherrif when we were camping and there were some kids lost, (he's studying to become a ham too now).

It had the mods done for out-of-band receive (haven't done the transmit yet). Can receive 50Mhz - 700.95Mhz.

It's pretty easy to use, and seems to fit the bill just fine.

+---+
hgs@wdl.loral.com (KB6VMQ)	Happily married with 2 Kids! -+-
Loral doesn't have a single	A newbie Quinnatic (DQMW)	
thing to do with my opinions.	HAM, Dirtbikes, Kids, Camping	
...you mean this isn't working?	K-LOVE - 100.9/99.3/91.9 FM
+---------------------------------+-----------------------------------+

1258. HT too HOT to handle?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <4218j3$geb@bigboote.WPI.EDU>
Source record: 213182

This article summarizes some observations I made concerning the heat generated by my Alinco DJ-580 dual band HT when powering if from an external 13.8 VDC supply. These may be of interest to those who find their HTs getting excessively hot when running them from external supplies. I don't know the extent to which my findings are applicable to other brands and models.

The Alinco DJ-580 has a power jack on the side of the radio designed to accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when using the HT at a fixed location, but found that the radio quickly gets too hot to handle when doing any serious transmitting. The conventional wisdom is that this occurs because the radio is putting out 5 watts when being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the standard 7.2 volt battery pack. However, even when transmitting at the medium power setting (which is 1.2 watts regardless of supply voltage), the radio was getting objectionably hot when using the 13.8 VDC supply; but not when running it off the 7.2 VDC battery pack. Analyzing supply voltage, power output, and DC current drain measurements revealed the following (for 2 meters):

- Low power transmit was 0.25 watts, regardless of supply voltage.

- Medium power transmit was 1.2 watts, regardless of supply voltage.

- High power transmit was dependent upon supply voltage. It showed a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4 volts. Increasing the supply voltage beyond about 10.4 volts did not result in any further increase in RF output.

- DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT OF SUPPLY VOLTAGE. On low power transmit, the current drain was 0.5 A regardless of supply voltage. On medium power transmit, the current drain was 0.8 A regardless of supply voltage. On high power transmit, the current drain increased from 1.1 A @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output). BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.

The implications of this final observation should be obvious. At 10.4 VDC, the radio is consuming 16.6 watts of input power to produce 5 watts RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to produce the same 5 watts RF output. This means that an extra 5.5 watts of power is being used when the supply voltage is increased from 10.4 VDC to 13.8 VDC. Since RF output power remains constant, that extra power is being dissipated primarily as heat.

Consider the medium RF power setting (1.2 W output @ 1.1 A DC current drain, regardless of input voltage). At 7.2 VDC supply voltage, the radio is using 7.9 watts input power. At 13.8 VDC, it is using 15.2 watts input power. That's an extra 7.3 watts of power being dissipated primarily as heat when using the 13.8 VDC supply. No wonder the radio gets hotter!

Measurements with UHF transmit paralleled the VHF findings, although current drains were a tad higher and maximum RF power output was reached at about 11 VDC supply voltage, rather than 10.4 VDC.

These finding suggest that if the DJ-580 were powered by an external source of 10.4 - 11 VDC rather than 13.8 VDC, less heat would be generated without any tradeoff in RF output. My tests confirmed this. The radio still got warm with heavy use when powered by 10.4 VDC, but only became objectionably hot after a slew of long winded transmissions at 5 watts RF output (with a transmit duty cycle well in excess of 50%). Further heat reduction would be expected if the external supply voltage were dropped even more; but there would be a tradeoff in high power RF output.

I'd be interested in finding out whether other HTs have voltage/current/RF-output relationships similar to the DJ-580. If so, hams having trouble with excessively hot HTs when powered from external DC supplies might be able to alleviate the problem by determining the voltage at which high RF power output begins to drop off, and using that voltage level to supply the radio (rather than the full 13.8 volts). I installed 4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and dirty method of reducing the voltage supplied to the radio. Each rectifier diode should have a voltage drop somewhere between 0.6 and 0.9 volts, depending on the device and current drain. If you do this, I'd suggest using diodes with a rating of at least 3 amps. If you need to buy some, go with the 6 amp variety. They will get VERY hot in actual use, and you'll have an extra degree of robustness with these. Just make sure you put them in a place where the heat won't cause problems.

Greg
N1DEM

1259. IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: christopher.svenstedt@p19.stacken.ct.se
Message-ID: <ftn_2.204.219.19_3043b8ca_Christopher.Svenstedt@p19.stacken.ct.se>
Source record: 213183

Hello All.

Any good?

Christopher

1260. TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: rick.edwards@mogur.com
Message-ID: <9508300930442468@mogur.com>
Source record: 213184

I have a new 742A. It is a great radio! I enjoy it very much.
However, I do have a couple of questions that I can't seem to find the
answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the
autodialer memory number (#1 in my case). The transmitter turns on when
the PTT is pressed, of course, but then turns off when the PF button is
pressed and then back on for the DTMF string. However, there is no (or
very little) pause between the transmitter turn on and the sending out
of DTMF. I use two repeater autopatches and neither of them likes this
and it _usually_ results in a misdial. Question: Is there anyway to
add a pause or a brief wait between the transmitter turning back on and
the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220
repeater and my 2m HT, I have to wait for the 220 repeater to drop
before I can transmit. This becomes a real drag when on a roundtable
on the 220 repeater and it has a long hang time. Is there anyway
around this? Is there a way to make the 742A act like a single
frequency repeater on the 2m side (ie. sample the receive every few
hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

1261. Re: Batt voltage on FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: byron_hellewell@out.trw.com
Message-ID: <1995Aug30.081751.1264@batman>
Source record: 213185

>
> Batt voltage on FT-51R
>
> tigger@jcomm.uoregon.edu (Max Sabo)
> 28 Aug 1995 07:20:54 GMT
> Teleport - Portland's Public Access (503) 220-1016
>
> Newsgroups:
> rec.radio.amateur.equipment
>
> In the manual it says to display the battery voltage while you
transmit (I
> am assuming that this means it will display it out in the VFO or the
> memory channels) you need to press the sub-op button before doing the
> procedure to view the battery voltage (the f-key then 0, dial until
you
> get option 25-batt vol) then press 0 instead of PTT. I have done this
> many times and it seems just to go back out to the memory channel or
VFO,
> which ever I was in last. Has anyone who owns a Yaesu FT-51R gotten
this
> to work?
> Thanks
> Max
> N7NWG

To use the feature you must be in dual band mode (both VHF and UHF
active). Then it works for me.

BTW has anyone had trouble with the rubber knob coming off its insert?
Mine just rubbed off. I hope its not like the 530 knob.

73 de WB7ACJ
Byron

1262. Sale: TH 28 RF Power Module

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: byron_hellewell@out.trw.com
Message-ID: <1995Aug30.134014.1265@batman>
Source record: 213186

FOR SALE:

NEW, UNUSED RF power module and driver transistor
for Kenwood TH 28A. The module is a Toshiba S-AV22A shown
on the TH 28 schematic as IC 202. The driver transistor
is labeled as R28 and is shown on the schematic as Q206.
They are still in the protective packaging.

I purchased them from Kenwood prior to finding a broken
trace on the circuit board. They cost me $70.

Will sell for $35 shipped.

email to byron_hellewell@out.trw.com

1263. Re: Opinion on Periphex batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <422k32$8hi@ixnews5.ix.netcom.com>
Source record: 213187

In <4225s7$r5q@eugene.convex.com> horak@convex.com (David Horak)
writes:
>
>In <421oab$pkg@ixnews5.ix.netcom.com> gamma7@ix.netcom.com (J. Duffy
Beischel) writes:
>
>>In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill)
>>writes:
>>>Prior to that, I used Periphex replacement batteries for my old
Toshiba
>>>T1000 laptop with great results.
>>>
>>>Bill Tubbs, WK6A
>
>>I had my one and only Periphex battery that I bought for a Yaesu HT.
>>Battery did not last more than 8 months. Nedless to say, it was the
>>last Periphex battery that I bought.
>
>>Duffy - WB8NUT
>
>Alas, the guy who bashes all Radio Shack equipment also has bad luck
>with Periphex. Well, my Periphex BP8 has worked with my HTX-202 for
>a year now and I don't have ANY complaints about the battery OR the
>radio.
>
>David

Gosh David, what a personal attack. Hey I don't bash all the RS stuff,
just the junk. Their resistors are great. Never yet had one fail.

On a serious note, since you think I am so negative on everybody, the
ham manufacturers that I think are great and produce quality products:
Ten-Tec, Index Labs, Yaesu, Icom, Astron, and Timewave. O.K. but not
great are Kenwood and MFJ. All my opnions and related to experience.

I won't comment on the RS stuff. They are off the chart in a negative
direction.

Regards,

Duffy

1264. Moving in a U-Haul - Hook up my 2m help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: perryrt@clark.net
Message-ID: <4221iv$gjo@clarknet.clark.net>
Source record: 213188

OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My wife and I were planning to use our 2m rigs to communicate (simplex, mostly) on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna and a Yaesu 2400 (and another mag mount) that's in my house right now. I was planning to give the HT to my wife (who will be driving our car). I'm going to be driving the U-Haul truck we rented. Short of running it to the battery, the only way I can think of powering this thing is via the cigarette lighter. My question is: Will it blow up on me? The 2400 puts out 12A at high power, but since my wife will only have 5w at her disposal, I'll probably only be using low (3A) or medium (9A) power.Think this will work, guys?

Thanks in advance!
--
Regards,
R. T. Perry
KF4BAL
GMOO
- The world is divided into two groups of people: Those that own HP's and those that yell "HEY! Where's the equals sign?"

1265. Motrac UHF good for anything?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: cvm@nauvax.ucc.nau.edu
Message-ID: <30AUG95.00244472@nauvax.ucc.nau.edu>
Source record: 213189

I have a Motorola UHF Motrac radio model number U64LHT-1090A with control head. It is currently on a public service frequency. Is this radio good for anything? I have seen instructions for converting a Micor into a repeater. Could the Motrac be converted into a repeater?

1266. FT-211 Front panel Scheme

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: David Atias <atias@eldor.co.il>
Message-ID: <42287n$uf@elron2.elron.net>
Source record: 213190

Hello there,
I need FT-211 front panel scheme . I'll appreciate if you can send me
this by mail or FAX.
Thanks
David Atias

Fax : 972 3 491275

4x4cg
POB 410 zip 55000 ISRAEL

1267. Motorola Syntor

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: SmoothWalker@innet.com
Message-ID: <SmoothWalker.1.00082F72@innet.com>
Source record: 213191

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

1268. Re: Opinion on Periphex batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <421oab$pkg@ixnews5.ix.netcom.com>
Source record: 213192

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill) writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and they
>have work flawlessly for at least 3 and 2 years respectively. The oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT. Battery did not last more than 8 months. Nedless to say, it was the last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

1269. Re: 2m/70cm mobile: Kenwood TM-733A - Opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: dpbaker@lilly.com
Message-ID: <1995Aug30.071528.6062@inet.d48.lilly.com>
Source record: 213193

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

1270. Re: TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: miltonm@bga.com
Message-ID: <4235qu$cgs@ghostwheel.bga.com>
Source record: 213194

In article <9508300930442468@mogur.com>,
Rick Edwards <rick.edwards@mogur.com> wrote:
>I have a new 742A. It is a great radio! I enjoy it very much.
>However, I do have a couple of questions that I can't seem to find the
>answer to in the manual. Maybe you can help me.
>
[1) was related to autodial keyup. My only suggestion would
be to check if the dtmf page keyup delay applies]

>2) When using the 742A in a crossband repeat mode between a 220
>repeater and my 2m HT, I have to wait for the 220 repeater to drop
>before I can transmit. This becomes a real drag when on a roundtable
>on the 220 repeater and it has a long hang time. Is there anyway
>around this? Is there a way to make the 742A act like a single
>frequency repeater on the 2m side (ie. sample the receive every few
>hundred milliseconds)?

If you can listen to the 220 directly (just need the moble for the
power/antenna boost), then you could set the 742 for single direction
crossband.

If the repeater has a tone only when someone is on the input, then
get the tone decoder and use it.

milton

PS: why did you also post to rec.radio.amateur.digital.misc ?
--
Milton Miller KB5TKF miltonm@bga.com

1271. Re: Opinion on Periphex batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: horak@convex.com
Message-ID: <4225s7$r5q@eugene.convex.com>
Source record: 213195

In <421oab$pkg@ixnews5.ix.netcom.com> gamma7@ix.netcom.com (J. Duffy Beischel) writes:

>In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill)
>writes:
>>Prior to that, I used Periphex replacement batteries for my old Toshiba
>>T1000 laptop with great results.
>>
>>Bill Tubbs, WK6A

>I had my one and only Periphex battery that I bought for a Yaesu HT.
>Battery did not last more than 8 months. Nedless to say, it was the
>last Periphex battery that I bought.

>Duffy - WB8NUT

Alas, the guy who bashes all Radio Shack equipment also has bad luck
with Periphex. Well, my Periphex BP8 has worked with my HTX-202 for
a year now and I don't have ANY complaints about the battery OR the
radio.

David

1272. Re: Ham Store Total Stock Sellout

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: slay@netcom.com
Message-ID: <slayDE4xtx.Hx1@netcom.com>
Source record: 213196

Bob Gheri (ussn@pacifier.com) wrote:

: HAM STORE TOTAL STOCK SELLOUT
: For a listing of the stock send a large SASE (WITH STAMP) to :

: Ham Radio Heaven
: 234 SE Grand Ave.
: Portland, OR 97214

Me thinks this outfit is also known as Portland Radio ..... IF it is ...
I don't think they really have much "ham gear" left there ....they DO
have lots of ham publications, electronic components, etc.... BUT last
time I was in there (a couple of weeks ago) I don't really recall seeing
any newer ham gear ... 'cept maybe a few HTs. I've never seen/heard
the name "Ham Radio Heaven" though ..... perhaps I'm mistaken (but
not likely). Anyway, I don't mean to discourage anyone from sending
in an SASE .... just putting in my 2 cents.

73
Sandy WA6BXH
Portland, OR

1273. Regulations Shortwave Transmitter/Receiver must fullfill (help)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: Bill <Bill@survival.demon.co.uk>
Message-ID: <503029311wnr@survival.demon.co.uk>
Source record: 213197

A UK based charity has developed a pedal powered generator to operate a short-wave transmitter/receiver working at (4.005 MHz). The use is to supply village to village communication in Tanzania Africa. A small pilot project has successfully run for the last 12
years with commercial bought in equipment. The aim is to manufacture pedal generators and short-wave transmitter/receivers locally in Tanzania both to save foreign currency and provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

1274. ICOM On-Line??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: token@owens.ridgecrest.ca.us
Message-ID: <DE3xxt.Ay6@ridgecrest.ca.us>
Source record: 213198

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

1275. Need Opinions: want to operate RTTY and SSTV

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <42106t$fbd@tilde.csc.ti.com>
Source record: 213199

Hi folks. The only digital mode I've ever worked before is CW. Now, I want to begin some RTTY and SSTV operation from here in Taiwan with the assistance of one of my local ham friends. I'd be interested in knowing the best rtty and sstv interface to get us up and running in time for the CQWW RTTY DX contest later this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we could qrv on sstv using the sound card...is it true? Otherwise, looking at the PASOKON SSTV card (73 Mag last month) and have no idea what rtty controller to buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes, Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia) Licensed Radio Amateur since 1986 //comments are mine only

1276. Re: Radio Shack 2m HT - Is it a good by for the price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: edlyon@iquest.net
Message-ID: <DE58vv.GHo@iquest.net>
Source record: 213200

In article <41jaih$n9c@ns1.usa1.com>, hdc@netmetro.com (hdc@netmetro.com)
says:
>
>I would appreciate your comments on the Radio Shack 2m Handheld
>transceiver.
>I'm a rank beginner with my new tech licence, looking for my
>first rig.
>
>Is it a good buy for $260? I notice that they bundle in a few
>options in the
>price, that others don't. Is there a better choice in that
>price range?
>

The Radio Shack HTX-202 is a good rig for the money....however I wouldn't
pay $260 for it because they put it on sale ever so often for $189. That
is the price I paid for mine. I've had it for about 6 months and it has
worked flawlessly. Check with your local store and they may tell you
when it will go on sale again ... if not, be patient -- it won't be long.

Congrats on your new license...73's ED AA9OE

1277. Re: Opinion on Periphex batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-30 00:00:00 UTC
From: barry@w2up.wells.com
Message-ID: <R44NaD1w165w@w2up.wells.com>
Source record: 213201

gamma7@ix.netcom.com (J. Duffy Beischel) writes:

>
> I had my one and only Periphex battery that I bought for a Yaesu HT.
> Battery did not last more than 8 months. Nedless to say, it was the
> last Periphex battery that I bought.
>
> Regards,
>
> Duffy - WB8NUT

I had a similar experience. Bought 2 batteries (for a camcorder). One
worked for 6 months, other NEVER held its charge. They refused to honor
their warranty. Lousy batteries with even worse customer service.
I even wrote a letter to Adv mgr at ARRL re "standing behind their
advertisers' integrity" Just got a form letter back and that was that.

--
==
Barry N. Kutner, W2UP Internet: barry@w2up.wells.com
Newtown, PA Packet Radio: W2UP @ WB3JOE.#EPA.PA.USA.NA
Packet Cluster: W2UP >WB2R (FRC)
....

1278. Re: CommSpec ts32 encoder/decoder doc

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: johnmxl@ix.netcom.com
Message-ID: <423df5$kc8@ixnews4.ix.netcom.com>
Source record: 213066

In <8B013B6.01EF00163A.uuout@firstdue.com> frank.fowler@firstdue.com (SYSOP) writes:
>
>-> I have a comspec ts32 ctcss encoder/decoder in my possession, but not
>-> doc. Could someone please help me get the doc, either via fax or a
>-> phone number to Communications Specialists ? Many thanks in advance.
>-> 73 de Bill, kd5lu.
>
>Communications Specialists, Inc.
>800-854-0547 (voice)
>800-850-0547 (fax)

Call their FAX Infoline at (714) 974-3485. By following the voice prompts, you can request docs directly from Comm Spec.

You must be able to send touch-tones thru your fax...it sends them during your call, rather than calling you back.

I have gotten several good docs and radio hookups from the info line.

- 73

John
KD6MXL
johnmxl@ix.netcom.com

1279. Info Syntor X radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: sdmason@sdmason.seanet.com
Message-ID: <sdmason.35.30453BF7@sdmason.seanet.com>
Source record: 213067

I need some information on several Syntor X radios. These radios are
programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly
appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

1280. Re: Moving in a U-Haul - Hook up my 2m help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: johnmxl@ix.netcom.com
Message-ID: <423doq$jn3@ixnews5.ix.netcom.com>
Source record: 213068

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

1281. Kits- Transceivers ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: Ron.Cruikshank@anu.edu.au
Message-ID: <Ron.Cruikshank.4.010B8000@anu.edu.au>
Source record: 213069

Hello from Aussie,
Who makes a basic type kit for a simple transceiver that covers the whole 80m band on SSB and preferably CW as well? QRP type is ok. Must be reasonably cheap price. Perhaps making use of available ICs to minimise component count. Here in Australia I cannont find such an animal, most basic kits only cover a small section of the 80m band. An American HAM here sugested that a company called Ramsey may have something available. Does anyone have any ideas or contacts that I could check out?
Thanks, Ron VK1NRC.

Ron Cruikshank

1282. Re: Copper Electronics phone no?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: seven@iglou.iglou.com
Message-ID: <DE6Dos.HEu@iglou.com>
Source record: 213070
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment,rec.radio.swap

Fred Davis VA3FD (fmdavis@bnr.ca) wrote:
: Can someone please post the phone number for Copper Electronics?

: Thanks in advance!

The number is 1-800-626-6343...Monday thru Saturday, 9am--5pm. EST.
--
LiFe iS sHoRt...bEtTeR sTaRt nOw...i aM
@@@ coming to u from...USA..EARTH..WESTERN SPIRAL ARM..MILKY WAY GALAXY..

1283. Re: Computer Control of Icom IC-R7100

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <42497n$252@news.halcyon.com>
Source record: 213071
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In article <41qoge$i0m@hera.ia.net>, pbutlalj@ia.net (Allan Butler) says:
>
> Hello,
>
> I have a friend with one of these radios and he would like to
>build the interface and program his own computer to control the radio.
>The only problem that he has is that he cannot find the protocols that
>the radio uses to be controlled. He would like to get the information
>that is needed to make the radio listen to the computer commands. He is
>most interested in the data bits and the baud rate and what the actual
>commands are that need to be sent out the computer serial port.
>
> Please respond via E-mail and here if you have an answer to this.
> He realizes that he could do the solution by throwing money at the
>problem but he wishes to do it the old fashioned way and do it himself.
>--
> Allan Butler KA0IES

Allan,

Call ICOM America at 206-454-7619, press " 3 " when the automated system answers. You will then be connected with ICOM's parts dept. They have a manual titles the " CI-V Reference manual " for sale at a cost of about $15.00 plus shipping. This manual has the commands for the IC-R7100. Newer ICOM radios now have the command set for the radio right in the operators manual so it is doubtful the CI-V Reference Manual will ever be updated

73' Gary

1284. Re: TM-742A Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <4233f6$2fo@ns5.nba.TRW.COM>
Source record: 213072

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter module installed, you had to turn the rig on, then off and then on again because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the microprocessor for some reason. Changing out the VCO in the '42A did no good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

1285. Re: ICOM On-Line??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <424a24$252@news.halcyon.com>
Source record: 213073

In article <DE3xxt.Ay6@ridgecrest.ca.us>, <token@owens.ridgecrest.ca.us> says:
>
>Anyone have an E-mail address or Web page for Icom?
>
>Even a phone number will do in a pinch.
>
>I would really like to contact the service people at Icom but anything
>would be a start.
>
>TNX and 73s
>
>
>***
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>***
>
>ICOM America has been on line for 5 years in Compuserves Hamnet Forum.
You can send them e-mail form Internet by using this address:
75540.525@compuserve.com

73' Gary

1286. Last chance: New rigs CHEAP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: bbattles@nai.net
Message-ID: <424c7p$ehk@a3bsrv.nai.net>
Source record: 213074

A couple of companies were kind enough to provide the hams
with some excellent equipment to use during the 1995
Special Olympics World Games in New Haven, Connecticut, July 1-9.
They said that when the event was over we could send the equipment
back ... or ... sell it to any interested hams at generous discount
prices. So here's your chance:

Time is just about up, and all this equipment will be returned to
the manufacturers if not sold ASAP...

Rules of the game:

1) Prices are firm (set by manufacturers, not me), so no haggling,
trades, etc.
2) All items are COD, you pick it up from me, by appointment only.
Or send a check/MO and include shipping costs. Call me AT HOME ONLY
at 203-827-9956 to get directions, set appointment to meet, etc.
3) First purchaser to offer to bring CASH, money order or non-rubber
check takes the item.
4) Equipment is sold as-is, and it all works fine. Everything comes
in its original box with manuals, etc. I've been told all gear has
original factory warranties. Service is between you and the manufacturer.
5) Equipment can be picked up at my home or office, by arrangement
only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
answering machine that includes the following: Your name, call sign,
telephone number, the date and time you called, and the equipment you
want to purchase. I will call you back only if the equipment is still
available, to make arrangements to have you pick it up and drop off
the payment.
6) I'm not going to call back dozens of people to tell them something
is already sold--if you don't hear back from me in 2 to 3 days, assume
you missed out. And for confidentiality, privacy, and to keep from
getting sucked into third-party haggling, I'm not going to tell you
who anything is sold to, so please don't ask.

--73 de Brian, WS1O
New Britain, CT USA
Deputy Commissioner, Amateur Radio Operations
1995 Special Olympics World Games

Yaesu FT-1000D HF transceiver $4250
MD-1C8 desk mike
SP-5 speaker/audio filters
DVS-2 digital voice system
YS-60 HF SWR/wattmeter

Yaesu FL-7000 HF power amplifier $1750
E-767 amplifier interface cable

Yaesu FT-5100 dual-band mobile FM transceiver $850
FP-800 13.8 Vdc 20A power supply
SP-4 speaker

Yaesu FT-5100 dual-band mobile FM transceiver $650
SP-4 speaker
(no power supply)

Yaesu FT-530 dual-band hand-held transceiver $650
MH-12A2B speaker/mike
FNB-26 7.2 V 1000 mA NiCd battery pack (2)
NC-50 NiCd rapid charger
CA-8 charge adapter

Yaesu FT-530 dual-band hand-held transceiver $635
MH-12A2B speaker/mike
FNB-26 7.2 V 1000 mA NiCd battery pack
NC-50 NiCd rapid charger
(no CA-8 charge adapter)

Yaesu FT-530 dual-band hand-held transceiver $550
MH-12A2B speaker/mike
FNB-26 7.2 V 1000 mA NiCd battery pack
(No NiCd rapid charger or charge adapter)

AEA PK-232MBX multimode data controller/TNC $270
AEA PK-96 9600/1200-baud packet TNC $175
AEA IsoLoop 10-30 MHz antenna $280

--- END ---

1287. Great deals -- NEW rigs!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: bbattles@nai.net
Message-ID: <424cab$ehk@a3bsrv.nai.net>
Source record: 213075

A couple of companies were kind enough to provide the hams
with some excellent equipment to use during the 1995
Special Olympics World Games in New Haven, Connecticut, July 1-9.
They said that when the event was over we could send the equipment
back ... or ... sell it to any interested hams at generous discount
prices. So here's your chance:

Time is just about up, and all this equipment will be returned to
the manufacturers if not sold ASAP...

Rules of the game:

1) Prices are firm (set by manufacturers, not me), so no haggling,
trades, etc.
2) All items are COD, you pick it up from me, by appointment only.
Or send a check/MO and include shipping costs. Call me AT HOME ONLY
at 203-827-9956 to get directions, set appointment to meet, etc.
3) First purchaser to offer to bring CASH, money order or non-rubber
check takes the item.
4) Equipment is sold as-is, and it all works fine. Everything comes
in its original box with manuals, etc. I've been told all gear has
original factory warranties. Service is between you and the manufacturer.
5) Equipment can be picked up at my home or office, by arrangement
only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
answering machine that includes the following: Your name, call sign,
telephone number, the date and time you called, and the equipment you
want to purchase. I will call you back only if the equipment is still
available, to make arrangements to have you pick it up and drop off
the payment.
6) I'm not going to call back dozens of people to tell them something
is already sold--if you don't hear back from me in 2 to 3 days, assume
you missed out. And for confidentiality, privacy, and to keep from
getting sucked into third-party haggling, I'm not going to tell you
who anything is sold to, so please don't ask.

--73 de Brian, WS1O
New Britain, CT USA
Deputy Commissioner, Amateur Radio Operations
1995 Special Olympics World Games

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MD-1C8 desk mike
SP-5 speaker/audio filters
DVS-2 digital voice system
YS-60 HF SWR/wattmeter

Yaesu FL-7000 HF power amplifier $1750
E-767 amplifier interface cable

Yaesu FT-5100 dual-band mobile FM transceiver $850
FP-800 13.8 Vdc 20A power supply
SP-4 speaker

Yaesu FT-5100 dual-band mobile FM transceiver $650
SP-4 speaker
(no power supply)

Yaesu FT-530 dual-band hand-held transceiver $650
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(No NiCd rapid charger or charge adapter)

AEA PK-232MBX multimode data controller/TNC $270
AEA PK-96 9600/1200-baud packet TNC $175
AEA IsoLoop 10-30 MHz antenna $280

--- END ---

1288. Re: Alinco DX-70 MODS and IC-706 PRICE - I have both

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: Allen Hansen <eeb@access.digex.net>
Message-ID: <424hu8$6d0@news3.digex.net>
Source record: 213076

fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT) wrote:

>
>Also, talked to several JA's during the past two weeks
>about the price of the Icom 706. Price in JA was 128000
>yen lsit, but with the customary 20 to 21 percent
>discount, actual price is 101000 yen. At todays exchange
>rate (about 99Yen/$1) this might be the best value going.
> Of course, the JA versions are typically "stripped down"
>(ie no ctcss, lower output PA, etc) but this should give
>an idea of the price being under $1100 USD.
>
>Just what I know. Email me if you want the Alicno mods
>with a Fax number....I'll send 'em.

FYI our price is $1299.95, list is $1500+

Allen
--
****
ELECTRONIC EQUIPMENT BANK Sales- 800 368 3270
323 Mill St. N.E. Fax- 703 938 6911
Vienna, VA 22180 BBS- 703 938 3781
* Internet: eeb@access.digex.net *
* Compuserve: 73424,1345 *
****

1289. Re: HELP ME PLEASE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DE6KB2.Lyl@hpqmoea.sqf.hp.com>
Source record: 213077

Jerry Gardner (jgardner@netcom.com) wrote:
: Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: : You didn't think broadcasting was allowed on *amateur* radio did you?

: Unless you're the ARRL or K1MAN...

Quite true!

I did enjoy Gary's reply. A level of dry deadpan humour allied to an excellent wind-up.

Occasionally Britain does something right (I rather enjoy criticising the other occasions). Here, there is no broadcasting allowed in amateur licences. A special licence that does allow broadcasting, GB2RS, has been issued to the RSGB. I'm not aware of anyone else with one.

In the US, you have no defence against an increasing number of people starting to broadcast, and it wouldn't take very many to bung up all useful bands, each playing 24 hour tapes into multiband banks of transmitters...

I think the key would be a special licence, and a special prefix, and an amazing set of bureaucratic hurdles to getting one ;-)

Cheers
David

1290. Re: What good is 6 Meters ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: dickrb@lsid.hp.com
Message-ID: <DE6L3A.8u0@hpcvsnz.cv.hp.com>
Source record: 213078

Best band around.... It is a band that amounts to 98% listening and
2% of the best fun and challenge you can have on han radio. If you
want to help yourself (others too) run a beacon and you will be suprised
at how fast you can work all 50 states and some dx too...

73 de w7wkr

1291. Re: What good is 6 Meters?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: Chuck KD9JQ <reichert@cig.mot.com>
Message-ID: <424k5q$uq@newdelph.cig.mot.com>
Source record: 213079

Dave,

If you like 10 Meters you'll like 6 Meters. Propagation includes E, F2,
Extended Ground wave, Back Scatter, Aurora, Meteor Scatter, and yes EME.

I've worked out to Central Pacific, C.A., N.A., S.A., Africa, Europe, etc.

So far I've worked ~350 grids and just got #200 confirmed, WAS, and 54
countries
worked. Many others have higher totals. Of course you have to watch the
conditions more than HF but it is fun. Currently the band is in a lull.

10W will work but >= 100W is better if you don't have problems with TVI.

I use 6 as an indicator for possible 2 Meter Aurora, E's which has really
helped
out as does 2 Meter Tropo openings help in getting 432Mhz contacts.

--
\|/
^ ^
(O O)
___.ooO__U__Ooo.___
Hmmmm...Could Be!
==========
| KD9JQ ex KA7IXS,WA8NBD 708-358-3827 Home |
| Charles H. Reichert 708-632-6669 Work |
| 955 Concord Ln. |
| Hoffman Ests., IL. 60195 reichert@cig.mot.com |
==========

1292. Re: Radio Shack 2m HT - Is it a good by for the price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDE6nAn.6qx@netcom.com>
Source record: 213080

hdc@netmetro.com (hdc@netmetro.com) wrote:
: I would appreciate your comments on the Radio Shack 2m Handheld
: transceiver.
: I'm a rank beginner with my new tech licence, looking for my
: first rig.

Had mine since April, and it has worked without failure. Well, that's not even six months, so it should work fine. It is true FM, unlike many on the market today.

The only negatives I can contribute: a) It has only 12 memories. This may not be that important if you live in an uncrowded area, but in the repeater-intense LA area, it would be nice to have more, say, twice as many. b) Unlike many others, there is no extended receive capability (ability to receive the aircraft and VHF public service band), which has good and bad points. On the positive side, this helps to keep the intermod down in an area as described in a). c) Unless you don't mind wearing it in a belt pouch, it is heavier than most competitive units.

: Is it a good buy for $260? I notice that they bundle in a few
: options in the
: price, that others don't. Is there a better choice in that
: price range?

That depends on your budget. As another said, wait for the next sale. I bought mine for $189.95 in April, then bought the 440 version, the HTX-404, two weeks later; it was also on sale for $70 less at $229.95. I wouldn't bother with the extended warranty unless your budget is tight. At under $200, if it lasts for a couple of years, I consider it a throwaway item.

Congratulations on your new license. My wife just got her Tech two weeks ago, and is looking for a 2m handheld unit, with small size and light weight as her criteria, all other things being equal.

73, and welcome to a great hobby,

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

1293. The Hamblaster Moon Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: willco788@aol.com
Message-ID: <423ivl$bsp@newsbf02.news.aol.com>
Source record: 213081

The moon filter is DOS software package that includes a binary file.
A binary file is actually software that is uploaded to the Hamblaster.
Once it's loaded into the DSP RAM, The DSP runs a filter program
and communicates to the PC via the Hamblaster handshake port.

Here's some technical data

moon.doc 21:04:23 5/30/1995

The moon filter is a very narrow band linear phase filter capable of
producing a 1 Hz bandwidth with a transition region of 1/2 Hz providing 60
dB attenuation. The bandwidth is adjustable in powers of 2 providing a
maximum filter bandwidth of 256 Hz with 128 Hz transition region.

The filter center frequency is tunable in fractional Hz increments.

The filter can be phase locked to the input signal to provide variable
bandwidth tracking of the input signal as the frequency drifts due to
the variation in propagation delay due to atmospherics or due to
receiver or transmitter instability.

A "cartwheel" tuning display provides important filter tuning information
at a glance and also is useful for displaying signal strength. Three
oscilloscope
displays are also available.

The Signal to Guard is a dual trace display that shows the signal strength
verses
guard band. It's useful for analyzing band conditions and sweeps in
real time
using a 486-66 DX2 with the turbo button turned off.

The Signal Vs AGC is a dual trace display for checking the AGC level. It
will be
used to adjust the ACG (an AGC control will be available in a future
version)

The Signal vs Tuning is a dual trace display for accurately tuning the
filters center
frequency. The tune trace indicates dc voltage level of the
discriminator algorithm
and when the voltage is too high or low, the filter is mis-tuned

There's also a code regenerator that works very well even when a 32 Hz
filter is selected.
The regenerator is an oscillator that's keyed with a signal detector.
When it's enabled,

the background noise and filter ringing is completely removed. It's the first regenerating
filter that works well with weak signals.

Other controls include; volume, input gain, filter tune, filter bandwidth and display

Jack Albert WA9FVP

1294. Re: Opinion on Periphex batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: kl7wf@ptialaska.net
Message-ID: <kl7wf-3108950855360001@max_39.ptialaska.net>
Source record: 213082

I have two for my IC2GAT, a BP-8S that has died after two years, and a BP-7S that is still working great at four years of regular use. Go figure.

--
kl7wf@ptialaska.net

1295. Re: What good is 6 Meters?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <424opm$t6f@mgate.arrl.org>
Source record: 213083

orbelld@pcbe.edu.on.ca (David Orbell) VE3RRN wrote:
my mind.
>
> Is a multi mode 6M rig worth the expense(when I don't have an HF rig
>that will take a 6M model) or do most just work FM?

I think most of the activity is on SSB. FM doesn't work as well as SSB
when you have a band opening that results in 10 or 20 stations all on
the same frequency trying to work a DX station.

>Do most just work simplex, or work repeaters?
>Do operaters on 6M have problems causing interference on the TV

It is a problem in areas with a weak but desireable channel 2 station.
It isn't if you have Channel 3 or a local (really strong) channel 2
station.

It can be an exciting DX band for working thousands of miles via
Sporadic E and other propagation modes. On the other hand, the
band can be absolutely dead except for the locals. You need either
patience or luck to do well on 6 meters with low power. Of course,
big stations running SSB, a big amp, and a big antenna on a good
hilltop often have a range of 300 or more miles--all the time.

>frequencies?(I've heard that used to be a problem)
>Why do many 6M Rigs only operate on 10 watts?

Most of the Japanese are licensed to run a maximum of 10 watts.
Japanese manufacturers often design their stuff for the home market,
so a low power 10 watt version is usually available--though USA
importers usually stay away from them (unless you want to order
20 of them).

Zack Lau KH6CP/1
FN33KE Mt Equinox, VT in the Sept VHF
contest 50MHz to 10368 MHz
(yes, thats the same
mountain as the WB1GQR
group--good test of my
receivers dynamic range
on the low bands)

1296. Re: Moving in a U-Haul - Hook up my 2m help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-3108951237560001@m14494-mac.mitre.org>
Source record: 213084

Richard Todd Perry wrote:

> OK.. I'm (finally) moving out of the Washington DC area

Congrats! Wish I could escape...

> the only way I can think of powering [a 2 meter rig] is via the cigarette
> lighter. My question is: Will it blow up on me?

No. I do this all the time; it will work fine for your purpose. The only potential problem is some alternator whine, which shouldn't be a big deal, as this is only a temporary arrangement. Good luck in The Heartland.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

1297. Out of band RX on FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: tigger@jcomm.uoregon.edu
Message-ID: <424ugf$gji@maureen.teleport.com>
Source record: 213085

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

1298. opinions on Standard C508A?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: help@oit.unc.edu
Message-ID: <424vft$iu7@bigblue.oit.unc.edu>
Source record: 213086

I'm thinking about getting the C508A for its size and low power demand, but I'm worried about not having autopatch capabilities. Please give me your opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

1299. Re: Out of band RX on FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: wright@onramp.net
Message-ID: <wright-3108951414430001@jbw.csbsdal.org>
Source record: 213087

I was curious, so I called both Yaesu tech support and RT Systems (the makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was only capable of receiving from 100-180 and 375-525 MHZ. Anything out of those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu (Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

1300. Re: WANTED: Any info on pirate radio station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: George Guillory <guillory@phoenix.net>
Message-ID: <4255fk$b4e@gryphon.phoenix.net>
Source record: 213088

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

1301. Yaesu FT-211 schema

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: David Atias <atias@eldor.co.il>
Message-ID: <424m0j$aof@news.netvision.net.il>
Source record: 213089

Hi there,
Is any one have ft-211 scheme ? specially the front panell scheme ?

Please send me via regular mail or fax.

4x4cg David
pob 410 55000 Kiryat-Ono Israel .

fax 972 3 491275

1302. HAMMARLUND SP-600 schematics?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: mj@isy.liu.se
Message-ID: <mj.8.30459941@isy.liu.se>
Source record: 213090

I want to connect a digital frequency counter to my SP-600. I there anybody out there with schematics of it? I have made the counter but when connecting it loosely around the oscillator valve, the reception is distorted by interferense from my counter's internal XTAL. Any help wanted!

/Micke

SM5JAB, Micke Josefsson email: mj@isy.liu.se

1303. ADI model 48 440 MHz HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: c594911@cclabs.missouri.edu
Message-ID: <425be4$mfl@news.missouri.edu>
Source record: 213091

I saw a pair of 70cm HT's for sale in a local surplus store the other day. They're made by a company called ADI with model numbers either 42 or 48 (can't remember). I fiddled with one and they seem like nice simple radios with all the features (pl, dtmf, etc). They also look rather recently manufactured. Does anyone know anything about ADI and their equipment?? These are definitely ham rigs in the range 440 - 450.

thanks for any info...

Tom Lindberg, N0YYW
<c594911@showme.missouri.edu>

1304. Re: ICOM REPAIR, CANADA PHONE NUMBER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <4249me$252@news.halcyon.com>
Source record: 213092

In article <41pffd$9gr@main.freenet.hamilton.on.ca>, aa766@freenet.hamilton.on.ca (Michael Panopoulos) says:
>
>Hello and many thanks for reading this. I am in need of a telephone
>number, address, e-mail address (anything) for ICOM. I wud like to
>contact them for parts.
>
>73 Mike VE3AHQ
>
ICOM America's e-mail address is at 75540.525@compuserve.com or if you
are a compuserve member try 75540,525. ICOM America has an entire section
devoted to them in Compuserves Hamnet forum, which is section 14.
ICOM America has been on line daily for over 5 years on Hamnet

73' Gary

1305. Re: What good is 6 Meters?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <425cq8$k53@omnifest.uwm.edu>
Source record: 213093

Anyone seriously interested in exploring 6 meters should consider shelling out 14 bucks for a copy of "Six Meters: A Guide to the Magic Band" by Ken Neubeck, WB2AMU. It's available from Worldradio Books, (800) 366-9192.

73,

Rick WB9GYT

1306. Re: ICOM REPAIR, CANADA PHONE NUMBER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: mfraser@vanbc.wimsey.com
Message-ID: <424c5q$s28@wolfe.wimsey.com>
Source record: 213094

1-604-555-1212 ask for ICOM Canada; Richmond BC.
[That's Directory ASsistance; sorry I don't have the number...]
/mark

Gary P. Fiber (gfiber@halcyon.com) wrote:
: In article <41pffd$9gr@main.freenet.hamilton.on.ca>, aa766@freenet.hamilton.on.ca
(Michael Panopoulos) says:
: >
: >Hello and many thanks for reading this. I am in need of a telephone
: >number, address, e-mail address (anything) for ICOM. I wud like to
: >contact them for parts.
: >
: >73 Mike VE3AHQ
: >
: ICOM America's e-mail address is at 75540.525@compuserve.com or if you
: are a compuserve member try 75540,525. ICOM America has an entire section
: devoted to them in Compuserves Hamnet forum, which is section 14.
: ICOM America has been on line daily for over 5 years on Hamnet

: 73' Gary

1307. Re: TM-742A Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: Grant Youngman <us007699@interramp.com>
Message-ID: <4249fk$4s5@usenet4.interramp.com>
Source record: 213095

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>

I have its predecessor -- the TM-741A. The RF modules are identical with those in the 742A.

It is a fine rig, generally. Subject to intermod like all of them (if we could get rid of this need for receive-everywhere and convince the vendors that we didn't want it, we MIGHT be able to get a decent AMATEUR RADIO transceiver out of them). The remotable control head stuff is really flimsy -- at least on the 741. But its nice to have that little control head up on the dash, with the rest of the junk tucked away in the trunk.

I don't know if Kenwood wasted memory space on the "games" in the 742. I guess Japanese engineers think we like playing games on the radios when nobody's on the repeater. Gracious. :-) There ought'a be a law against such garbage ...

Grant/NQ5T

1308. Nostalgic eqpt for sale--So Chicago suburbs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: wayman@pa881a.inland.com
Message-ID: <1995Aug31.083723.1@pa881a.inland.com>
Source record: 213096

For sale: So Chicago Suburbs--Lansing
Various power xfmrs (1)3600v @1A, filament xfmrs, LARGE chokes--
fixed and swinging, (1)"pole pig" 120uf @ 5000v cap, LARGE coils,
LARGE tuning caps, various tubes, in addition (1)4-1000A & (1)4-400A,
pr of 872B's, pr of chassis, 19"rack panels, 1 LARGE variac, xmtrs--
CE 100-V, CE-20A w/VFO, Motorola version of R-390A rx, CQ & QST from
60's and 70's, Pop Elect from late 50's & early 60's, and ...
You may need a van or pickup-- e-mail if interested.

1309. Alinco DX-70 MODS and IC-706 PRICE - I have both

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <423me2$stv@tilde.csc.ti.com>
Source record: 213097

Thanks to a fellow ham, I now have the following mods
available for the Alinco DX-70 HF rig. I'll type them
into an ascii format and post here. I did the mods last
night and all seem to work well. Mods came from Alinco,
and the following is what I have:

Extended RX on HF (down to 30 Khz, Up to 35 Mhz)
Extended TX on HF (opens TX to above AKA: beyond MARS)
Extended RX on 6 (down to 45 Mhz, up to 60 Mhz)
Extended TX on 6 (opens TX to above AKA beyond SIX)

The mods only require removing the front control panel,
unscrewing 4 screws, popping off a back panel,
desoldering four super tiny chip resistors, making 2
solder bridges, and a cpu cold reset. Neato stuff and
really W-I-D-E coverage.

Also, talked to several JA's during the past two weeks
about the price of the Icom 706. Price in JA was 128000
yen lsit, but with the customary 20 to 21 percent
discount, actual price is 101000 yen. At todays exchange
rate (about 99Yen/$1) this might be the best value going.
Of course, the JA versions are typically "stripped down"
(ie no ctcss, lower output PA, etc) but this should give
an idea of the price being under $1100 USD.

Just what I know. Email me if you want the Alicno mods
with a Fax number....I'll send 'em.
--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

1310. NEW PRO AUDIO/BROADCAST EQUIPMENT WWW WEBSITE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: pureplatnm@aol.com
Message-ID: <423qj0$dkr@newsbf02.news.aol.com>
Source record: 213098

NEW PRO AUDIO/VIDEO EQUIPMENT WEBSITE

>>>>>> http://world.std.com/~eca <<<<<<<

Check out the new WWW homepage site for East Coast Audio Exchange. It's new and under development, but these guys have everything you could want, and will sell your stuff too;

works best with GUI browsers. Has automatic listing functions.

The site for all future AudioPro!/PurePlatnm equipment lists and updates.

Subscribers to the AudioPro! list without WWW access may continue to recieve an E-MAIL copy of the list by E-mailing eca@world.std.com and putting the words "subscribe AudioPro!" in the body of the message.

Thanks,

Douglas

1311. Re: ICOM On-Line??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: n0dh@comtch.iea.com
Message-ID: <425cul$mif@krel.iea.com>
Source record: 213099

token@owens.ridgecrest.ca.us wrote:
: Anyone have an E-mail address or Web page for Icom?

: Even a phone number will do in a pinch.

: I would really like to contact the service people at Icom but anything
: would be a start.

: TNX and 73s

At one time they had a WEB page but I havent looked at in months dont
know if it is still active. Anyway try this and see what happens

http://www.com.nrm.se/icom.html

Dave
N0DH/7
n0dh@comtch.iea.com

1312. EIMAC 3CX2500F3

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: jagon@ibm.net
Message-ID: <425gvk$34ns@news-s01.ny.us.ibm.net>
Source record: 213100

Hello!

I have just got this tube from a OM radio station, I think that it is
in use still. Some questions:

1. Any idea about this tube?
2. Any use for an HF amplifier?
3. How can I check if it is still "alive"

Best 73

--

_____
Jose Antonio Gonzalez Lorenzo --- jagon@ibm.net --- Amateur Radio: EA2BSN
~~~~~~
~~~~~~

1313. Re: HAMMARLUND SP-600 schematics?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: billo88@aol.com
Message-ID: <424j2q$g64@newsbf02.news.aol.com>
Source record: 213101

You can get the proper schematic from Robert Fowle....email: HAM R LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope this helps, Bill
billo88@aol.com

1314. Heath HO-10 Scope fixed (broken trace problem)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: jeff.sumberg@sailboard.com
Message-ID: <8B03419.012D001A6D.uuout@sailboard.com>
Source record: 213102

My thanks to all those that responded to my original thread pertaining to the Heathkit HO-10 monitor scope and the segmented trace display. To those that suggested that it was 60hz intensity modulation, and to try adding a .1 cap between the cathode and the control grid, you were correct. I added a .1 to the existing .001 that was there and the broken trace disappeared at all intensities except for very very dim (which is not where you'd use it anyway). But...

Also noted while the unit was opened were the filter caps used in the high voltage supply. It had been suggested that these could be the problem. The schematic shows .15 caps being used. Somebody over the years replaced these high voltage filters with .01 caps. Since I didn't have at my disposal a .15 1500v cap, I kludged up about a .07 by using 3 .22 at 600v caps. When these were added to the existing .01 filters (making about .083), almost all of the original problem went away. So by boosting up the filter caps and adding the .1 to the cathode/control grid, the problem is solved.

Thanks again to everyone that made suggestions.
--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA|
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club
|
-===-

* 1st 2.00 #32s * .

1315. Re: WANTED: Any info on pirate radio station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DE6Kq8.2vI@world.std.com>
Source record: 213103

LAHM51B@prodigy.com (Jason Berger) sed:

:>I'd like to start my own pirate radio station.
:>What equip. do I use, or need.
:>Any info would be very appreciated.

:>Chad Mears

Please give us your address and phone number and we'll help you get sent
up...er..uh...set up. Yeah, that's it set up. Did I say sent up? ;-D

Jim Martin, WK1V	I speak for no one...Not
Lowell, Massachusetts	even for myself!
USAF (Ret)ained	#include "std_disclaimer.h"
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	Intentionally Left Blank

1316. WTB: Old mechanical calculators & slide rules

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: <>
Message-ID: <0000264F00000792@SANDH.COM>
Source record: 213104

I am interested in purchasing old mechanical calculators and slide rules.

I collect the old electro-mechanical "rotary" calculators that were made by Frieden, Marchant, Monroe, and other manufacturers from the period of the 1920's through the late 1960's. I also collect non-electrical mechanical calculators and am particularly interested in Curta brand calculators. I am not interested in adding machines that print on tape or electronic calculators.

If you have an old mechanical calculator or slide rule collecting dust in a closet, please send me an e-mail message.

Phil Sherrod (phil@sandh.com)

-- 32: usenet.rec.radio.amateur.equipment --

1317. Re: X-tals supply house other then Jan Crystal ????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: "Edwin J. Bailen" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.950831193858.11316A-100000@matrix.eden.com>
Source record: 213105

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

1318. Re: 2m/70cm Handheld Recc

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDE6nw0.7zB@netcom.com>
Source record: 213106

Clint Bradford (clint.bradford@woodybbs.com) wrote:

: >>Handhelds for the 220 MHz band are getting harder to find; someone
: >>still does make a 2M/220 handheld, and I can look up that info. if you
: >>like.

: It's from Standard.

Thanks, Clint, you saved me a trip to the HRO/AES catalogs. Well, I still do need to look up specs, price, etc. :-) I have a 2m handheld unit, but wouldn't mind getting a 2m/220 unit with more memories on 2m than the 12 that I have with the HTX-202.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

1319. Re: What good is 6 Meters?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDE6oKC.9B1@netcom.com>
Source record: 213107

David Orbell (orbelld@pcbe.edu.on.ca) wrote:

: Is a multi mode 6M rig worth the expense(when I don't have an HF rig
: that will take a 6M model) or do most just work FM?
: Do most just work simplex, or work repeaters?
: Do operaters on 6M have problems causing interference on the TV
: frequencies?(I've heard that used to be a problem)
: Why do many 6M Rigs only operate on 10 watts?
: I probably can't afford to get into 6M right away, but research dosen't
: cost too much!

I'll try to answer a few of your questions.

Definitely the all-mode 6m transceiver is the way to go. The 6m band has some really surprising results when it is in good shape, as it has been for much of this summer. Some really long-haul contacts have been made on 6m SSB and CW.

Not sure how much simplex FM activity there is. As far as repeaters, there aren't many on here in the LA area, and this must be the repeater capital of the US. There are far more on 1.2 GHz than on 6m.

Yes, 6m work can tear up channel 2 on the TV; maybe that's the reason that 6m repeaters aren't that popular here.

Can't comment on the 10w power issue. The new Icom IC-706 covers HF and 6m with 100w output, then drops to 10w on 2m. I've heard a lot good about the IC-575, which is a 10m/6m all-mode transceiver. I believe that it has been discontinued, and is fairly expensive, but it cranks out reasonable output power.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

1320. Indy Hamfest

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: c23kmf@kocrsv01.delcoelect.com
Message-ID: <4256h6$6sp@kocrsv08.delcoelect.com>
Source record: 213108

I'm out of the loop on local events.

Is there a Hamfest in Indy this weekend? (September 2nd)
If so, where is it? (State Fairgrounds?)
When does the flea market start?
What is the ticket price?

Email appreciated!

Kevin Foley
Delco Electronics Corp.
Internet: c23kmf@kocrsv01.delcoelect.com

--

Kevin Foley
Delco Electronics Corp.

1321. C508A Battery Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: dddavis@mindspring.com
Message-ID: <dddavis.20.003BE102@mindspring.com>
Source record: 213109

I have one of the Standard C508A mini HT's that uses two AA alkaline batteries. I know that lithium AA cells that are supposed to be nominally 1.5V are solod in photo stores, etc. They offer lighter weight and long life. Any opinions or experience on using these in this HT? Thanks

1322. Ham Store Total Stock Sellout

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: w5robert@blkbox.COM
Message-ID: <9508311307.aa09492@blkbox.COM>
Source record: 213110

I sent an email request asking for the list to get sent to
me via email. I was told it was TOOO large. HA! We pass
mega messages and files around on the net. For some reason they
want that sase? Maybe to send other ads along with it??
73' s Robert

1323. Re: Radio Shack 2m HT - Is it a good by for the price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Aug31.125302.1@vax.sonoma.edu>
Source record: 213111

hdc@netmetro.com (hdc@netmetro.com) wrote:
> I would appreciate your comments on the Radio Shack 2m Handheld
> transceiver.
> I'm a rank beginner with my new tech licence, looking for my
> first rig.

Not to send you off the track of a HTX-202, but I've just heard about the 4th radio in my county going on the blink. Intermittent transmit. All the same problem. The latest one is 3 months old. Whenever used on 12 V. it is on a mobile 5/8 antenna.

True, I don't know how many operators in my county have the HTX-202, exactly. There are approximately 1300 or so amateurs that live in my county. I'm sure they don't all own the HTX-202. ;-)

The ones that do work sound good. The owners like them. Just about every owner that I have talked to has the extended warranty. (And it is apparently pretty good tha they do have it...)

> Is it a good buy for $260? I notice that they bundle in a few
> options in the
> price, that others don't. Is there a better choice in that
> price range?

Considering the problems that I've heard with this HT, >if it were me<, I wouldn't purchase it without the extended warranty. Figure another $40 or whatever it costs onto the price of your HT. Now you're looking at around $300. Is it worth that much? In my opinion, no.

Now if you get it for the sale price of around $190 + $40 warranty, you're looking at $230ish. Yeah, maybe it is worth that to someone. Did I say "Don't buy this radio without the warranty?" Well, if I didn't say it, be sure you don't buy it without the warranty.

Actually, I think Radio Shack ought to adjust the price of their radio so it includes the price of the 5 year warranty. Of course, others may not think that way... I'm just going by the track record I've seen from locals on this radio...

I must add that Radio Shack has been very good to the locals in the customer service department. They stand behind their product. That is an important consideration when considering a purchase of most anything.

It is reported that the HTX-202 is very good in a high RF environment. It tends to not suffer from intermod interference. This might be something to consider, too.

All in all, I'm pretty neutral on the HTX-202. I probably wouldn't buy
one for myself, but I'm not in the market for a 2M HT, either.

Contratulations on your new license and enjoy--

73,
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

1324. icom 2340 lemon ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: map@well.sf.ca.us
Message-ID: <4257do$t11@nkosi.well.com>
Source record: 213112

Please notice the question mark, this is a question,
not an assertion. My trouble is the rotary switches
on the front pannel, used to select memory and frequency
in VFO mode. I have had the switch fail 3 times now, and
on two different 2340's. May be a systematic production
problem.

Any similar experiences out there ?

-Morgan
wa6ksx

1325. Re: Radio Shack 2m HT - Is it a good by for the price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: bblohm@boi.hp.com
Message-ID: <DE6xLu.IIE@boi.hp.com>
Source record: 213113

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my
area and so not a problem, but I do wish the keyboard was lighted!!!!
The display lights up OK and is readable, but given when I use it in
emergency drills and such, a lighted keypad is a must in my next HT.
The original poster should consider this as well. Otherwise, I still
consider it a good buy, and agree with the others that the original
poster should wait for the next sale. I'm hoping to get my boy one for
himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

1326. Re: Does anyone know of where I can get a battery cover plate for HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: Simon_Backer@mdd.comm.mot.com
Message-ID: <Simon_Backer-3108951615480001@dynamac11.mdd.comm.mot.com>
Source record: 213114

In article <41nnas$cqs@news.sas.ab.ca>, morganp@fn1.freenet.edmonton.ab.ca
() wrote:

> I would like a battery connection cover plate for my HTX-202 because when I
> operate from external power I'm supposed to take the battery pack off
but that
> leaves the battery connectors to possibly get damaged, any ideas?
>
> --
> 73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
> ----oOO-----OOo---

Morgan,

Maybe you could use the regular (i.e. non- NiCad) battery pack which is
supplied with the HTX-202 and remove the AA batteries?

73's
Simon VE7AED

--
All views in this post are mine and not neccessarily those of my employer
--"The definition of
insanity is doing the same thing over and over again and expecting different results" Rita
Mae Brown
"Rita Mae Brown never owned a computer" Simon Backer

1327. FS: Discount Cellular Accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: "Mark S. Bergman" <jrmichae@mailbox.syr.edu>
Message-ID: <425gr2$1cs@newstand.syr.edu>
Source record: 213115

I can supply accessories formost brands of cellular phones.
Antennas, batteries, cases, chargers, mounts, hands free kits, etc..

improve your portable phone's in car performance: add a car antenna and a
coupler or adapter to connect your phone to the outside antenna.

inquiries via e-mail please to: jrmichae@mailbox.syr.edu

thanks,

Mark Bergman
Benchmark Communications

1328. Kenwood Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: dkaylor@sirus.com
Message-ID: <425gjr$h7p@oxy.rust.net>
Source record: 213116

I am in need of a Kenwood IF-10A computer interface chipset for the Kenwood TS-711/811 series of radios. If you have one of these you would be willing to part with either e-mail me or phone 616-772-1280 and ask for Dave.

1329. Re: SB220 circuit improvements?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: "Edwin J. Bailen" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.950831195209.11316B-100000@matrix.eden.com>
Source record: 213117

On Mon, 28 Aug 1995, Marc DePaul wrote:

>
>
> Hello.
>
> Do you of any circuit improvements for the SB220 amp, or can you
> direct me to papers written on such?
>
>
> Thanks,
>
>
> Marc
>
>

QST did a multi-part article on SB200 mods a few years back.
Unfortunately, I cannot spot it.

73

1330. Cheap ListServ Services

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: Ryan.Brown@catalina.org
Message-ID: <0c6_9508312338@catalina.org>
Source record: 213118

Attention all Net'ers!

I want to announce to you a new service provided by The Catalina BBS.

We now provide LISTServ service to all users great and small. A LISTServ
allows you to keep track of family and friends easily and efficiently,
run technical support and announce product updates and hints to your users,
and provide information on your products and services to anyone interested.

To find out more about this inexpensive service that anyone on the InterNet
can use, send a blank e-mail message to: listserv-info@catalina.org

Setting up a ListServ is as easy as TelNetting to our BBS and entering in
your information! You can find out full information about the service, and
if you like, order your ListServ. It will be set up immediately upon your
choice of payment OnLine, and you'll receive a startup message within 10
minutes! Just TelNet to catalina.org and log in as "InterNet".

Thank you!

Ryan Brown
SysOp, The Catalina BBS
postmaster@catalina.org

NOTE TO MODERATOR: I hope that this post has not been off topic. I
carefully selected what conferences it was placed into. Please let me
know if I have made any error -- my apologies in advance.

* SLMR 2.1a * Jimmy Dean --- Rebel Without a Sausage.

-+- OLMS 2.5 UNREG
--
+---+
| Ryan Brown, SysOp, The Catalina BBS (postmaster@catalina.org) |
| On the WorldWideWeb: http://www.silcom.com/~catalina |
| FidoNet Hub: 1:206/2700 FidoNet EC: 1:206/2701 |
| Node 1: +1-805-687-1185 1:206/2711@FidoNet.org ZyXEL 19.2k, v.32b 14.4k |
| Node 2: +1-805-687-7220 1:206/2712@FidoNet.org PPI v.FC 28.8k, v.32b 14.4k |
| InterNet Gateway 1:206/2715@FidoNet.org <-> @catalina.org |
| Snail Mail: The Catalina BBS, PO Box 3672, Santa Barbara, CA 93130 |
| Public Access for Fido Boards and Users! e-mail: info@catalina.org |
+---+

1331. I need some advice !

Newsgroup: rec.radio.amateur.equipment
Date: 1995-08-31 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <425pq7$son@newsbf02.news.aol.com>
Source record: 213119

Well, I passed my General class upgrade tests on sunday !!! I can FINALLY
get on the prime
Worldwide bands ! I am now finalizing the plans for my layout. Here is a
rough idea of what my
lot looks like :

----------80'----------

- -
- [15' Tree]
- -
-
- -
-
- -
- OPEN
- House -
- < YARD > -
-
- N
38' -
45' W + E
- Height = 12' -
- S
- -
-
- -
- ________25'_____________ -
-
- -
- -
- - [20' Tree]
- -
- -
-__________45'_____________
- -
-
- Garage 20'
-
- -
-
- Height = 12' - <
Driveway > -

- -
-

-

It is,basically, an 80' x 45' lot. Power lines run along the
fence(North to South) at the back of
the property, they are up at about 25'.
Here is what I propose to do for Antennas :

Running North to South I will have a Multi-band Windom antenna(about 65'
long) up about 30'.
About 10' of the ends of the Windom will be drooping down(They will still
be about 20' above the
ground). The Windom will Start at the SouthWest corner of the Garage & go
to the North West
corner of my lot. This Antenna will give me general West to East
coverage.

Running West to East I will have a 20Meter Band Half-Square,up about 30'.
The bottom of each
"leg" will be about 10' above the top of the garage. The Half-Square will
start at the SouthEast
corner of the garage & go to the Middle of the house. I chose the
Half-Square for It's DX abilities.
I want to contact Antarctica by HF(Bad propagation,I know. But I can try
!). Not being able to use
a Big Beam on a tower , I figure this is my best shot(better than a low
dipole at least). I will also
use this for general coverage on 10meters - 40meters, using an Automatic
Antenna tuner(not
optimal,I know,but it should work for now).

My

1332. need help with fm bug jammer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: %username%@ee.und.ac.za
Message-ID: <4269df$s60@owl.und.ac.za>
Source record: 213002

need any info on how to detect a bug in the fm range(88 to 108MHz) and
then to jam that frequency. Suggestions would be appreciated.

please mail me at makan1@elaine.ee.und.ac.za

thanks

1333. Yaesu E-DC-12 Mobile adapter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: tlewis@dfw.net
Message-ID: <427s98$1o4@dfw.net>
Source record: 213003

Has anyone been able to modify the Yaesu E-DC-12 Mobile adapter so that
it WILL NOT trickle charge the battery?

73!
Tom - AB5CK

1334. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509011951.AA5945@comm.tandem.com>
Source record: 213004

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>

>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option

allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A

> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of

experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode Data Controller. I will cover cost of original or photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono band transceiver from Ten Tec? Please let me ask you a couple of questions.

1.What sort of circuit is in a band module? The band module is the one you have to pull out and push another one into the transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the limited output power - even with an external antenna on a car I have difficulty getting reliable QSOs thru repeaters. I am looking at buying a "brick" amplifier to get round this. The other restriction is the audio

output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on climbing trips and use in hotel rooms when travelling. Sure there is no autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

1335. My Cushcraft R7 won't tune up.....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: edbu@sepia.wv.tek.com
Message-ID: <427t1oINN61u@sepia.wv.tek.com>
Source record: 213005

I can't get my R7 to tune up on the 20, 15, 12, or 10 meter bands.
It seems to work fine on 40, but not for the others. I have had it
down several times, inspected connections, measured lengths according
to the instructions, verified that all connections were clean and bright,
and even used aluminox during the assembly to keep everything from
oxidizing.

Any clues or help out there?
Thanks,
Ed Burress
KC7GFX

1336. 8874 Eimac Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: rod@venus.hili.com
Message-ID: <427shv$si2@news.ios.com>
Source record: 213006

I have a pair of 8874 Eimac Grid Tubes. Brand New in Box.
Sell the pair for $500.00

Call: 201-797-1227
E-Mail: rod@venus.hili.com

Rod
N2RVM

1337. Re: Ham Store Total Stock Sellout

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1995Sep1.165523.358@nad.com>
Source record: 213007

In article <9508311307.aa09492@blkbox.COM>, w5robert@blkbox.COM (robert) writes:
> I sent an email request asking for the list to get sent to
> me via email. I was told it was TOOO large. HA! We pass
> mega messages and files around on the net. For some reason they
> want that sase? Maybe to send other ads along with it??
> 73' s Robert
Maybe it's not in machine readable form. Like - paper.
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself

1338. DX-70T Alnico Expanded xmit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: dnorris@gn2.getnet.COM
Message-ID: <199509010135.SAA29808@gn2.getnet.com>
Source record: 213008

I talked to the fine folks at Alnico today and asked about expanded xmit capability for the DX-70T. I was told to send a FAX copy of my MARS license and they would send the info to me. As I am not in MARS this ain't possible for me but perhaps some others might find the info useful. Please let me know ur success. Thanks.....

Dean, K7NO

```
////////////////////////////////////
/ K7NO /
* ideas expressed here are mine BUT *
* U shud consider just how correct *
* they are! *
/ dnorris@getnet.com - 71572.2126 CIS /
//////////;-)//////////////////////////
```

1339. FS: IC-901A mobile 2m/440 radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: big-one@vt.edu
Message-ID: <4267p6$5bf@solaris.cc.vt.edu>
Source record: 213009

Icom IC-901A 2m/440 dual band radio

This is the Icom model the features a remote face so it is easy to mount in a car. You attach a single cable to the radio. On the radio, you have connections for:

2 speakers (main and sub channels)
Mic
440 antenna (N-connector)
2m antenna (PL-259 connector)
12V power

I am included a hand-held DTMF mic with up/down control.

This radio does it all. 2 VFO's for 2m/440 simitanious display. (you can use 2 speakers, one for 2m and one for 440, or hook up a signle speaker for both) 20 memory channels, lighted buttons/display, every setting can be configured, etc.

This radio is in beatiful condition, and never used in a car (I used it in my shack with a 12V PS)

Debts are piling up and I have to sell off my shack. Please make me any offer.

Please make me any offers or questions via email. I do not get a chance to read this newsgroup too often. Thanks!

Ken, KD4FJR

1340. Re: What good is 6 Meters ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: drayegon@america.com
Message-ID: <425q4l$l67@enterprise.america.com>
Source record: 213010

buddy10@aol.com (BUDDY10) wrote:

>I will be getting a kenwood ts-450s/at. I just saw that they have a
>version out with 6m capabilities. What good is 6m ? Is it just another
>2m band, basically ? Is there some COMPELLING reason to spend the extra
>$200.00 or so ? I REALLY appreciate any help on this !

>P.S Just joking about the tone at the beginning !

Well while your complaining about the down turn in the sunspot cycle I
will be working Eruope and VE1 maritime mobile's While your out trying
to dig a pit large enough to berth the Queen Mary for a new footing
for your tower. I will be playing DX hunter with a 7element beam I
built for less than $50. On a push up pole I got because nobody could
think of what to do with it. Using a rotor I bought brand new for
fifty bucks. The Antenna has 12 DBD gain. at forty feet. yes I
capitalized the DBD part that is gain over a dipole. It makes the
difference of 3S units on most signals. As I live in Daytona Beach FL
I have no mountains to try from or bounce off of. But I can set here
and monitor a few of the more common repeater Freq. and when they
start showing up I know that the E layer skip is in. I have found that
a thunder storm will signal good conditions. Or just a plain old
weather front;. I have a great Idea since you dont want to get 6 mtrs
it will be that much easier to work the Europeans during the 4 or 5
months of the year I might can work them. Suppose? No i guess my
biggest problem is when I can't get those guys in the islands and
South America to quit calling me while I am trying to work some lady
driving around in her car in Penn. Or New York. Naw forget getting 6
mtrs it is no fun at all.
73 dray AD4RR
There is a sucker born every minute. PT Barnum
Do not think you have just met one Dray

spins dray.

1341. info on icomr71

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: misc329@csc.canterbury.ac.nz
Message-ID: <1995Sep1.191748@cantva>
Source record: 213011

anyone got info for mods on a ic71 rex , i have one of these and believe there are mods to allow improved performance around the bc band. also to allow pre amp to be used below 1.6 mhz any info or pointers to me at misc329@ canterbury.ac.nz
thanks in advanvce Robin

1342. Re: ADI model 48 440 MHz HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <4269as$pv2@tilde.csc.ti.com>
Source record: 213012

In article <425be4$mfl@news.missouri.edu>, c594911@cclabs.missouri.edu says...
>
>I saw a pair of 70cm HT's for sale in a local surplus store the other day.
>They're made by a company called ADI with model numbers either 42 or 48
>(can't remember). I fiddled with one and they seem like nice simple
>radios with all the features (pl, dtmf, etc). They also look rather
>recently manufactured. Does anyone know anything about ADI and their
>equipment?? These are definitely ham rigs in the range 440 - 450.
>thanks for any info...
>Tom Lindberg, N0YYW
><c594911@showme.missouri.edu>

Hi Tom, The ADI transceivers are a product of Taiwan. Living here, I see loads of them on the market. I've also seen them over in Hong Kong at the ham shops there. The quality is marginal, so be careful unless the price is a steal. The ADI transceivers are based on the STANDARD (Japan) equipment designs. They are very similar (in fact, some look identical) but definitely NOT the same inside. The ADI use cheaper components, impossible to get factory serviced, etc.

I see now that Mouser Electronics, in the USA is marketing the ADI transceivers. The ones sold by Mouser are the newest models and look to be highly improved over the original ADI 28 (VHF) and 48 (UHF) but be cautious. Any "orphan" radio can be a disaster if ever needing service.

73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

1343. Re: Found Radio in Road

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <4269jn$pv2@tilde.csc.ti.com>
Source record: 213013

- snip -
>My wife was driving down the road the other day and spotted a little
>black box in the middle of the road. She stopped to investigate and it
>turned out to be GE Radio (transciever).
>My question is... Does anyone know what type of radio this is?
>steve
>KA5DLB
>

Steve, Afraid I've no idea about that radio but interesting story. Your wife is to be complimented, as most ham wives would narry stop the car, get out, and retreive a radio. What's the secret?
Cheers - n - Beers,
Joe

1344. Standard C568 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: nj0m@primenet.com
Message-ID: <425ug8$ied@nnrp3.primenet.com>
Source record: 213014

Anyone know of any mods for the Standard C568 handheld, like MARS, Extended frequency, etc? TIA...John, NJ0M.

1345. Re: $1,800 WEEKLY! MAILING OUR CIRCULARS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: "T. Hanson" <ultmark@phoenix.net>
Message-ID: <425v8k$i8h@gryphon.phoenix.net>
Source record: 213120
Cross-posted to: soc.culture.russian,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.antenna,rec.ham-radio,ott.jobs,ott.forsale.other,ott.forsale.computing,ont.jobs,newbridge.rec,newbridge.notice,newbridge.forsale,misc.invest.technical,misc.invest.stocks,misc.invest.canada,bc.jobs,alt.current-events.russia,ab.jobs

ichudov@star89.galstar.com (Igor Chudov @ home) wrote:
>John L. Rouse (jrouse@dc.infi.net) wrote:
>* Bell-Northern Research <bizsol@magi.com> wrote:
>* >
>* > Come and visit our WWW site we may be able to help you advertise your mail
>* > order business. We offer many different types of jobs and income opportunities
Isn't it funny how by you spamming back you get your site spammed all
around. When will you self appointed internet police learn to ignore the
post, and mail the postmaster.

>* > for everyone!!
>* >
>* > http:******
>* >
>* Boy, this really has a lot to do with ham radio, doesn't it?
>* Just another example of the greedy in hot pursuit of the
>* greenback without actually spending money for advertising..
>* I see this is also copied to alt.current-events.russia. Lots
>* of potential there -- get your kiosk on the Internet, hi...
>
>Just mail to his postmaster.
>--
> - Igor. SCS&R Yellow Pages: http://www.galstar.com/~ichudov/index.html
> For public PGP key, finger me or send email with Subject "send pgp key"
>"There is something sexy about a computer nerd." - actress Sandra Bullock

--

Sincerely,
Todd H. Hanson

E-Mail ultmark@phoenix.net
||||||||||||||||||||||||||||||||
||||||||||||||||||||||||||||||||

1346. monitoring times magazine?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: JHEN@INTELINET.NET
Message-ID: <81f7cb$14d21.289@ns.intelinet.net>
Source record: 213121

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
Thanks for any help in advance.
Jeff

1347. Found Radio in Road

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: swdecato@nps.navy.mil
Message-ID: <425jo9$18r@nps.navy.mil>
Source record: 213122

My wife was driving down the road the other day and spotted a little black box in the middle of the road. She stopped to investigate and it turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was missing and it was pretty scratched and dented by being run over by cars. On the bottom there are several power connections where the battery was. I experimented until I got the digital display to light up when connected to a little 9v battery. I was also able to get audio out of it so it appears to be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are the operating frequencies changed? What are the input voltages for proper battery connection. I'm just wondering if I could get the thing to work on 2 meters.

steve
KA5DLB

1348. Wanted: Used SSB

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: dougt3@ix.netcom.com
Message-ID: <425qvi$c8u@ixnews3.ix.netcom.com>
Source record: 213123

I have a friend living aboard his sailboat now sailing the ICW from FL to NC and back to FL before crossing the Gulf Stream for the Bahamas this winter. His SSB doesn't transmit and he is in the market for a good used unit. Can anyone give me info about where used SSBs can be had for a reasonable price? He's fairly new at this (3 months) and I know very little about SSBs (only what I learned from a Marine Electronics course I took through the USPS) and nothing about brand names. Any assistance would be greatly appreciated. What brands are good, what ones to stay away from, etc.

1349. Re: Last chance: New rigs CHEAP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: Obtuse@ix.netcom.com
Message-ID: <42605t$eaa@ixnews3.ix.netcom.com>
Source record: 213124

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>

>
Why waste your time posting this garbage.. The prices you offer to sell this used junk at is somewhat higher than the average new retail price for the very same items.. Please don't waste anymore of our time with such garbage post..

1350. I need a hand held!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: tricric@aol.com
Message-ID: <4265os$4d9@newsbf02.news.aol.com>
Source record: 213125

I am a new commer and I want to buy a hand held as my first radio. Any suggestions? Please e-mail me. I will greatly appreciate your help.
TricRic@aol.com

1351. STILL WANT: Gonset Com. IV manual/sch.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Sep1.125537.1@vax.sonoma.edu>
Source record: 213126
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

STILL LOOKING...

Hello. I would like either the original or a photocopy of a manual
including schematic for the Gonset Communicator IV 2m AM rig. Also,
I have a friend who is interested in the same for the Communicator III.

Please email me.

Thanks and 73--
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

1352. Sub-audible tone generator

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: butch@apollo.wes.army.mil
Message-ID: <427av7$64n@prop.wes.army.mil>
Source record: 213127
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit installed. Kenwood says that option is no longer available. does any one know of a way to build one? The local repeaters are all using 100Hz tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in the 7950 would be appreciated.

Thanks,

Butch KF5DE

1353. Re: Sub-audible tone generator

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <427ukq$gl6@news.iadfw.net>
Source record: 213128
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board.
The factory board will only let you set it up for three different
frequencies, if I remember correctly. If you only need one frequency,
I would look at one of the miniature tone boards that Communications
Specialists sell. They are available from a lot of the mail order
places. They are very simple to hook up. The original factory tone
board plugged into a small plug on the 7950. My guess it was a B+,
GND and tone into the radio line. Even if it is not, you can call
Communications Spealists and they will tell you where to connect their
boards on most radios. I hope this helps....73's Floyd WD5ENJ

1354. Crystal Radio Information?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: gaspo <gaspo@lick.pvt.k12.ca.us>
Message-ID: <425lh5$bjh@sun.sirius.com>
Source record: 213129
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Greetings all!
Does anyone have any references (anything at all!) to Crystal
Radio construction? i know how they work, and built one way back when,
but could use some schematics or instructions so we can build a couple
in class! The easier the procedure, the better!

thanx! and 73...

--gaspo.

- Scott Gasparian - "gaspo" KE6SRG - Umwelt Schutzen, -
- Educator/Sysadmin - Product R+D Director - Rad Benutzen. -
- Lick Wilmerding H.S. - gaspo's Gadgets Inc. - /\ \--/ /\ \==/ -
- gaspo@lick.pvt.k12.ca.us SF(415) 333 4021 - /__\ \/ /==\ \/ -

1355. Need Ten Tec SCOUT555 info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: otsuka@sj.hp.com
Message-ID: <426k51$9a1@hpscit.sc.hp.com>
Source record: 213130

Does anybody have or know about SCOUT-555 inexpensive mono band transceiver from Ten Tec? Please let me ask you a couple of questions.

1.What sort of circuit is in a band module? The band module is the one you have to pull out and push another one into the transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

1356. NEEDED: Owners manual for Yaesu FT-5200

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: cd529@FreeNet.Carleton.CA
Message-ID: <DE7tDC.Au2@freenet.carleton.ca>
Source record: 213131

Thank you for reading this post. I recently purchased
a Yaesu FT-5200 Dual Band FM Transceiver at a local
Hamfest. I need an owners manual for this piece whether
it be the original or photo-copy. I will cover the costs!

Thank you
Mike Parent
VE3UWC/KD4DIO

1357. NEEDED: Manual for MFJ-1278 Data Controller

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: cd529@FreeNet.Carleton.CA
Message-ID: <DE7tHA.AyA@freenet.carleton.ca>
Source record: 213132

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

1358. Re: monitoring times magazine?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <426pf3$cjb@news.iadfw.net>
Source record: 213133

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

1359. Yaesu FT-23R Memory Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: moyers@cti-pet.com
Message-ID: <moyers.6.00129A2B@cti-pet.com>
Source record: 213134

I have a FT-23R that loses its memory after being turned off for more than about an hour. Any ideas

1360. Wanted: Gunn Transceivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: s9231498@cs.sun.ac.za
Message-ID: <426vle$2bd@itu1.sun.ac.za>
Source record: 213135

Hi!

I'm looking for electronically tuneable Gunn transceivers for a university research project. I need them to facilitate wireless data transmission at 10 megabits/second, so I would prefer a pair - but single is also OK.

I am particularly interested in the Microwave Associates' MA87127 and MA87125 models. I don't care if they're old and battered, as long as they work!

Thanks

1361. Re: Radio Shack 2m HT - Is it a good by for the price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: mri@clark.net
Message-ID: <42762f$j7r@clarknet.clark.net>
Source record: 213136

Ken Harrison (harrisok@vax.sonoma.edu) wrote:
: hdc@netmetro.com (hdc@netmetro.com) wrote:
: > I would appreciate your comments on the Radio Shack 2m Handheld
: > transceiver.
: > I'm a rank beginner with my new tech licence, looking for my
: > first rig.
:
: Not to send you off the track of a HTX-202, but I've just heard about
: the 4th radio in my county going on the blink. Intermittent transmit.
: All the same problem. The latest one is 3 months old. Whenever used
: on 12 V. it is on a mobile 5/8 antenna.
:
: True, I don't know how many operators in my county have the HTX-202,
: exactly. There are approximately 1300 or so amateurs that live in my
: county. I'm sure they don't all own the HTX-202. ;-)
:
: The ones that do work sound good. The owners like them. Just about
: every owner that I have talked to has the extended warranty. (And it
: is apparently pretty good tha they do have it...)
:
: > Is it a good buy for $260? I notice that they bundle in a few
: > options in the
: > price, that others don't. Is there a better choice in that
: > price range?
:
: Considering the problems that I've heard with this HT, >if it were me<,
: I wouldn't purchase it without the extended warranty. Figure another
: $40 or whatever it costs onto the price of your HT. Now you're looking
: at around $300. Is it worth that much? In my opinion, no.
:
: Now if you get it for the sale price of around $190 + $40 warranty, you're
: looking at $230ish. Yeah, maybe it is worth that to someone. Did I
: say "Don't buy this radio without the warranty?" Well, if I didn't say it,
: be sure you don't buy it without the warranty.
:
: Actually, I think Radio Shack ought to adjust the price of their radio
: so it includes the price of the 5 year warranty. Of course, others may
: not think that way... I'm just going by the track record I've seen from
: locals on this radio...
:
: I must add that Radio Shack has been very good to the locals in the
: customer service department. They stand behind their product. That is
: an important consideration when considering a purchase of most anything.
:

: It is reported that the HTX-202 is very good in a high RF environment. It
: tends to not suffer from intermod interference. This might be something
: to consider, too.
:
: All in all, I'm pretty neutral on the HTX-202. I probably wouldn't buy
: one for myself, but I'm not in the market for a 2M HT, either.
:
: Contratulations on your new license and enjoy--
:
: 73,
: Ken
:
: --
:
: ____
: Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
: ~~~~~~
:
:
:

1362. Re: Radio Shack 2m HT - Is it a good by for the price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: jeffp@access5.digex.net
Message-ID: <jeffp.809967697@access5>
Source record: 213137

harrisok@vax.sonoma.edu (Ken Harrison) writes:

>hdc@netmetro.com (hdc@netmetro.com) wrote:
>> I would appreciate your comments on the Radio Shack 2m Handheld
>> transceiver.
>> I'm a rank beginner with my new tech licence, looking for my
>> first rig.

>Not to send you off the track of a HTX-202, but I've just heard about

The only thing I can add is that this radio is Roller-coaster proof.
It fell out of my pocket on a coaster, I found it 3 days later...
Still Working!

(No flames please, the radio had survived earlier rides, but the ride
broke in the middle {the lap bar came up})

JeffP
N3TOP

1363. Re: Alinco DX-70 MODS and IC-706 PRICE - I have both

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: Gerald Schmitt <kc5egg@eule.lanl.gov>
Message-ID: <42734j$9fg@newshost.lanl.gov>
Source record: 213138

Hi Joe,

I tried to e-mail you re: the DX-70 mods but the mail
bounced. Please drop me an e-mail and I will reply
with my fax# or if you prefer send specific instructions
via e-mail.

Thanks Jerry

1364. Re: Alinco DX-70 MODS and IC-706 PRICE - I have both

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: Gerald Schmitt <kc5egg@eule.lanl.gov>
Message-ID: <42742t$a5i@newshost.lanl.gov>
Source record: 213139

Hi Joe,

I tried to e-mail you but it bounced. Please e-mail
me and I will reply with a fax number. Or if you prefer
send specifics of the Alinco mods via e-mail.
Thanks 73 Jerry

1365. RCA MCA39AA11B Info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: cbrown@thor.lostnet.org
Message-ID: <917cb$b2d5.70@news.ak.net>
Source record: 213140

Greeting all, I am looking for data on the final amp sections of an
RCA MCA38AA11B 155 mhz transciever. I am turning it into a 2 meter
amp (give a bit of a boost to the HT) and am trying to find
safe drive levels etc...

The first trasnistor in the string is a

7794-1 7803
then a
7795-1 7815
then a
7796-1 7707
and finally a pair of
7797-1 7815

Would any of you have the specs on these avail?? I have tried to find
locally
but I do not have the books and hte local library is well short on anything
electronic related.

Also there is a small pin on the bottow of the amp near the power inputs
that just runs to the circut board just to one side of the transistors. I
assume this is the bias supply, if so how many volts are needed for proper
operation? I assume bias should be applied only when the amp has input and
the output is connected to the feedl;ine via the relay. Right??

--

Christopher E. Brown WL7CLA Lostnet Systems Administration

<cbrown@thor.lostnet.org>

1366. Re: opinions on Standard C508A?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: nepaleduc@aol.com
Message-ID: <427dgd$c01@newsbf02.news.aol.com>
Source record: 213141

Hi,

I have had a C508A for about a month. Great HT, but careful of the limited output power - even with an external antenna on a car I have difficulty getting reliable QSOs thru repeaters. I am looking at buying a "brick" amplifier to get round this. The other restriction is the audio output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on climbing trips and use in hotel rooms when travelling. Sure there is no autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

1367. Re: HT too HOT to handle?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: paulc@fc.hp.com
Message-ID: <427eq7$35v@tadpole.fc.hp.com>
Source record: 213142

Gregory K Doerschler (gkd@wpi.WPI.EDU) wrote:

: I'd be interested in finding out whether other HTs have
: voltage/current/RF-output relationships similar to the DJ-580..

Yes, I believe this is typical of this generation of HT. The Yaesu FT530, while it can be used for a reasonable length time (~20-30 minutes) at 50% duty cycle on high power without getting too hot, exhibits the same behavior with voltage-current-power, although I don't know where the knee of the curve is. That's why I've always thought that the best way of reducing the output power in the car would be to use a plug in that could be switched back to 7.2 volts (but then it wouldn't charge the battery...).

Now, the newer radios with these MOSFET power amp modules seem to better utilize increased voltage. If you read the FT11r manual, for example, the current drain for the same 1.5 watts out is maybe 20% less with a 7.2V battery than a 4.8V battery.

-Paul C. KG0CZ

1368. Yaesu 990 mailing list

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: ghansen@ghansen.seanet.com
Message-ID: <ghansen.155.304751E6@ghansen.seanet.com>
Source record: 213143

Is the 990 mailing list still active??

1369. Radio Shack 2 meter SWR meter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: BRETSKI <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.91.950901134830.22610B-100000@storm.atms.purdue.edu>
Source record: 213144

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

1370. Re: Last chance: New rigs CHEAP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <427l5o$e1g@newsbf02.news.aol.com>
Source record: 213145

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com (ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

1371. Re: HT too HOT to handle?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <427l64$e1k@newsbf02.news.aol.com>
Source record: 213146

In article <4223do$cbm@solaris.cc.vt.edu>, mkeitz@bev.net (Mike Keitz) writes:

>
>If you are using a Astron or similar supply at home for the HT and nothing
>else that requires the full 13.8V, there is often an adjustment inside that
>can be used to reduce the voltage to 10 or 11V.
>
>-Mike KD4QDM
>

Prior to obtaining a dual band mobile for my vehicle, I used to run my HT off the battery through a cigarette lighter receptacle (Ford calls it a POWER POINT). There were 2 problems with this. The Icom 04/AT was designed to run off a battery pack (implication: clean, no noise / ripple/ spikes/ etc.....) and as such, had virtually no power supply filtering. I had AWFUL alternator whine. Secondly, the radio would get HOT! This is not good. (Like my grasp of the obvious?) What I did was to build up a small regulator using a LM350 (or something along that line) set up for 9 Volts. This was stuck in a small aluminum mini box, and Velcro'd to the backside of the dashboard. Connection was made to a switched terminal in the fuse block. Very convienant. I picked 9 Volts to maintain adaquit worst case margin of the minimum Vin-Vout spec, assuming the vehicle was off, and the battery was a little low. I could NEVER see the point of runnig the higest available voltage to a radio to squeeze every last femtowatt out of the PA. The regulator will give you some protection from some of the vehicle's electrical nastys, and will result in extended life and reliability of the radio. Additionally, I did put a 2 amp fuse in the supply lead.

1372. Manual for Dentron GLA-1000B

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: reenter@cris.com
Message-ID: <427ojg$4jq@warp.cris.com>
Source record: 213147

Need copy of the manual for a Dentron GLA-1000B amplifier.

1373. Re: Found Radio in Road

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: fas@exu.ericsson.se
Message-ID: <4276v9$jm7@cnn.exu.ericsson.se>
Source record: 213148

Do you have any markings on the radio? part num etc (AKA Ericsson GE Mobil Comm)

_____
Frank Scaraglino scaraglino@egertp.ericsson.se KA2FWC

1374. Re: Found Radio in Road

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: Sean McCarthy <wx8l@vtc.tacom.army.mil>
Message-ID: <4280e7$qvo@VTC.TACOM.Army.Mil>
Source record: 213149

I CAN'T BELIEVE IT!

My long lost radio!

Please return to....

Just kidding :-) :-)

Sean

1375. Re: TM-742A Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: Earl Landry <6514266@mcimail.com>
Message-ID: <427bm4$2le@hermes.dna.mci.com>
Source record: 213150

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

1376. Electronic Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-01 00:00:00 UTC
From: carlosl@gate.net
Message-ID: <carlosl.124.000DEB07@gate.net>
Source record: 213151

38 different electronic kits, e-mail for information.

1377. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: barry@indirect.com
Message-ID: <42aqnj$9i7@globe.indirect.com>
Source record: 212952

> Why? Just more government regulation in our life. There
>may be no law that says they cannot sell Amateur equipment
>to anyone, but there is no law that says you HAVE to sell
>anyone Amateur equipment. Likewise there is no law that
>prevents the seller from having a policy of NOT selling
>to anyone without the proper license.
>
> N4DDS

I heard a story a few years ago from the manager of a local store
that is part of one of the major ham retail stores in the country.
Seems someone in a store back east refused to sell a transmitter to
an unlicensed person. That person sued and won.

1378. FS: Discount Cellular Accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: satriani@cvillage.com
Message-ID: <7970-20870202@cvillage.com>
Source record: 212953

JR>I can supply accessories formost brands of cellular phones.
JR>Antennas, batteries, cases, chargers, mounts, hands free kits, etc..

JR>improve your portable phone's in car performance: add a car antenna and a
JR>coupler or adapter to connect your phone to the outside antenna.

JR>inquiries via e-mail please to: jrmichae@mailbox.syr.edu

JR>thanks,

JR>Mark Bergman
JR>Benchmark Communications

I have a DPC550 Micro T*A*C ..do you have any spare batteries? And if
so, how much for one?

Jim
Satriani@cvillage.com
--
Message Sent Via CyberVillage BBS! (916)678-0857 Running Worldgroup V1.0! For More
Information, Send a Message to: Sysop@cvillage.com===

1379. Re: OUT:BACK ON 9/9/95 2

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: "Jeff Fischer"@thefishnet.com
Message-ID: <8B05395.00740000B4.uuout@thefishnet.com>
Source record: 212954

Stop making dupes of all the messages. People aren't that stupid, and can read them on their own, rather then having to scroll through many screens of your garbage.

1380. WTD SWAN350 Power suplly

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: rede2go@rede2go.seanet.com
Message-ID: <428afg$5qh@kaleka.seanet.com>
Source record: 213015

If anyone can helpme/tell me where i can get a power supply for my
swan 350 please email me at rede2go@rede2go.seanet.com
i would love to make use of it again thanks!

1381. DJ580T mod question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: travisp@ix.netcom.com
Message-ID: <428df5$f7r@ixnews5.ix.netcom.com>
Source record: 213016
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

1382. FS: Electronic Test Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: stevensn@cnj.digex.net
Message-ID: <42a65l$lpd@cnj.digex.net>
Source record: 213017
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,misc.forsale.non-computer

I have the following list of used test equipment for sale.
All equipment has been tested and is in excellent operational
and cosmetic condition. All equipment comes with a 30-day
warranty. Shipping is not included in the prices shown. Please
phone, fax, or email for more information.

Ballantine 320 True RMS Voltmeter $ 60

Ballantine 323-07 True RMS AC Voltmeter $150

Fluke 335A Voltage Standard/Differential Voltmeter $1100
/Null Detector

Fluke 1120A IEEE-488 Translator $100

Fluke 2020A Printer $ 75
Options: -003 GPIB

Fluke 7260A Universal Counter/Timer $350

General Radio 1390-B Random Noise Generator $ 60

General Radio 1432J Decade Resistor $ 60

Gray Instruments E-1144-B 5-Decade Resistor $ 50

HP 403B AC Voltmeter $ 70

HP 431C Power Meter w/ 478A Thermistor Mount $250

HP 461A Amplifier $ 80

HP 1610B Logic State Analyzer $250
Data and clock probes are included.

HP 1607A Logic State Analyzer $ 75
The clock and data probes are not included.

HP 1725A Oscilloscope $450

HP 3400A RMS Voltmeter $150

HP 3437A System Voltmeter $200

HP 3528A-60A Degausser $ 40

HP 5005A Signature Multimeter $300

HP 5006A Signature Analyzer $200

HP 5150A Thermal Printer $200
Options: 001 HP-IB
002 BCD
004 Clock

HP 5326B Timer/Counter/DVM $100
Options: 002 Remote Programming (Digital I/O)
003 Digital Recorder Interface

HP 6130B Digital Voltage Source $100

HP 6131B Digital Voltage Source $100

HP 6260A DC Power Supply 0-10V, 0-100A $300

HP 6260B DC Power Supply 0-10V, 0-100A $400

HP 6282A DC Power Supply 0-10V, 0-10A $200

HP 6940B Multiprogrammer $100

HP 7015B X-Y Recorder $300

HP 7221T 8-Pen Plotter $500

HP 7440A 8-Pen ColorPro Graphics Plotter $200

HP 7470A 2-Pen Plotter, Serial Interface $100

HP 7475A 6-Pen Plotter $300

HP 7550B 8-Pen Plotter $400

HP 8010A Pulse Generator $200

HP 8410A Network Analyzer $120

HP 8413A Phase-Gain Indicator $100

HP 8614A Signal Generator $450

HP 8640B AM/FM Signal Generator $1700
Options: 003 - Reverse Power Protection

HP 8640B AM\FM Signal Generator $2700
Options: 001 - Internal Audio Oscillator
002 - Internal Doubler (512-1024 MHz)

HP 59301A Ascii-to-Parallel Converter $ 75

HP 59307A Dual VHF Switch $150

HP 59401A Bus Analyzer $450

HP 59501B Isolated DAC / Power Supply Programmer $100

Racal-Dana 9514 Universal Timer/Counter $200

Sony/Tektronix 308 Data Analyzer $500

Systron-Donner 101 Pulse Generator $ 75

Systron-Donner 115 Pulse Generator $100

Tektronix 2B67 Time Base $ 40

Tektronix 5A18N Dual Trace Amplifier $ 75

Tektronix 5B10N Single Sweep Time Base $100

Tektronix 5B12N Dual Sweep Time Base $150

Tektronix 7834 Fast Storage Oscilloscope Mainframe $350

James L. Stevenson
3401 Sunny Slope Road
Bridgewater, New Jersey USA 08807
Phone: 908-722-6157 Fax: 908-722-6391
Email: stevensn@cnj.digex.net

1383. WANTED IC-27H SCHEMATIC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: bm783@freenet.buffalo.edu
Message-ID: <DE98Lo.63o@freenet.buffalo.edu>
Source record: 213018

Looking for schematic or copy of for the Icom 27H 2meter mobile.

1384. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509020558.AA31545@comm.tandem.com>
Source record: 213019

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>

>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>

Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

1385. Re: IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <428ko8$abg@news.halcyon.com>
Source record: 213020

In article <ftn_2.204.219.19_3043b8ca_Christopher.Svenstedt@p19.stacken.ct.se>,
christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt) says:
>
>Hello All.
>
>Any good?
>
>Christopher
>
Not on the market quite yet. Should ship about Sept 27 to 29 to dealers

1386. WTB- Recording Eqpt

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: mhline@aol.com
Message-ID: <428qeo$pqo@newsbf02.news.aol.com>
Source record: 213021

I am interested in buying all kinds of pro-audio equipment
(mics,compressors, preamps, consosles etc) for my recording studio. I am a
serious buyer, and will pay your price for equipment that I can use.
Please contact me via e mail or phone me at 818-244-1909.
Thank you..... Mark

1387. Need MOD for ICOM T21AT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: xyz@c
Message-ID: <4293ef$g1l@miwok.nbn.com>
Source record: 213022

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done by the keypad. How about the TX? Does anyone know of the TX mod for this HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

1388. Looking fo a Lost Users Manual??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: wb6siv@lightside.com
Message-ID: <wb6siv-0209950010390001@user55.lightside.com>
Source record: 213023

Check out a books by Artsci Publications "The Lost Users Manual". It covers most modern VHF and UHF Radio manuals. The book is discounted at ham web site http://www.csz.com/sarrio.html. 73's Ray

--
Ray Sarrio Co.
http://www.csz.com/sarrio.html

1389. WANTED 20MTR 30w LINEAR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: jagg@globalone.net
Message-ID: <429m7u$as9@news.global1.net>
Source record: 213024

I AM LOOKING FOR A 20MTR 30-40w LINEAR WITH TR SWITCH, CAPABLE OF BEING DRIVEN WITH ABOUT 5 WATTS. JAG AA2LJ

1390. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@tandem.COM
Message-ID: <199509020040.AA313@comm.tandem.com>
Source record: 213025

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>

Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

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policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:

>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option

allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A

> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of

experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode Data Controller. I will cover cost of original or photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono band transceiver from Ten Tec? Please let me ask you a couple of questions.

1.What sort of circuit is in a band module? The band module is the one you have to pull out and push another one into the transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the limited output power - even with an external antenna on a car I have difficulty getting reliable QSOs thru repeaters. I am looking at buying a "brick" amplifier to get round this. The other restriction is the audio

output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on climbing trips and use in hotel rooms when travelling. Sure there is no autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

```
************************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
************************************************************

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End of Ham-Equip Digest V95 #385
*******************************
```

1391. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509020222.AA18745@comm.tandem.com>
Source record: 213026

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.

>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used
commercial radios such as the Motorola Syntor. Any assistance in this would
be greatly appreciated as I am very new to www, and still working at locating
various newsgroups. You can contact me at smoothwk@innet.com

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill)
writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and
they
>have work flawlessly for at least 3 and 2 years respectively. The
oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old
Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT.
Battery did not last more than 8 months. Nedless to say, it was the
last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs

>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed

waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)

Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option
allows me to store long/lat data of my qth and shows the lp and sp and distance
to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says
"less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I
still am using the HYPERLOG software. No, I have no affiliation with Hyperlog
in any way. A friend in JA introduced me to the software after trying

something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:

>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to

show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL

johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the
limited output power - even with an external antenna on a car I have
difficulty getting reliable QSOs thru repeaters. I am looking at buying a
"brick" amplifier to get round this. The other restriction is the audio
output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on
climbing trips and use in hotel rooms when travelling. Sure there is no
autopatch capability, but look at the size and price! The scanning
capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.

>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>***
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>***
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my area and so not a problem, but I do wish the keyboard was lighted!!!! The display lights up OK and is readable, but given when I use it in emergency drills and such, a lighted keypad is a must in my next HT. The original poster should consider this as well. Otherwise, I still consider it a good buy, and agree with the others that the original poster should wait for the next sale. I'm hoping to get my boy one for himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit installed. Kenwood says that option is no longer available. does any one know of a way to build one? The local repeaters are all using 100Hz tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>

>
JAN offers very cheap crystals, but they frequently don't work! I bought about a dozen JAN crystals for some 6-meter channel elements. When they came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

1392. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509020754.AA22329@comm.tandem.com>
Source record: 213027

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)

>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...

>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

---

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill) writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and they
>have work flawlessly for at least 3 and 2 years respectively. The oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT. Battery did not last more than 8 months. Nedless to say, it was the last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but I'm worried about not having autopatch capabilities. Please give me your opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu

Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:

>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option

allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A

> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of

experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode Data Controller. I will cover cost of original or photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono band transceiver from Ten Tec? Please let me ask you a couple of questions.

1.What sort of circuit is in a band module? The band module is the one you have to pull out and push another one into the transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the limited output power - even with an external antenna on a car I have difficulty getting reliable QSOs thru repeaters. I am looking at buying a "brick" amplifier to get round this. The other restriction is the audio

output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on climbing trips and use in hotel rooms when travelling. Sure there is no autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my area and so not a problem, but I do wish the keyboard was lighted!!!! The display lights up OK and is readable, but given when I use it in emergency drills and such, a lighted keypad is a must in my next HT. The original poster should consider this as well. Otherwise, I still consider it a good buy, and agree with the others that the original poster should wait for the next sale. I'm hoping to get my boy one for himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)

Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
installed. Kenwood says that option is no longer available. does any
one know of a way to build one? The local repeaters are all using 100Hz
tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in
the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.

> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

1393. Re: Yaesu FT-530 replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: hbcsc274@huey.csun.edu
Message-ID: <42978q$9s4@nic-nac.CSU.net>
Source record: 213028

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

1394. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509020901.AA20281@comm.tandem.com>
Source record: 213029

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

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policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still

>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used junk at is somewhat higher than the average new retail price for the very same items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be (704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

---

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill) writes:
>

>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and
they
>have work flawlessly for at least 3 and 2 years respectively. The
oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old
Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT.
Battery did not last more than 8 months. Nedless to say, it was the
last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*

****

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

---------- ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option
allows me to store long/lat data of my qth and shows the lp and sp and distance
to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says
"less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I
still am using the HYPERLOG software. No, I have no affiliation with Hyperlog
in any way. A friend in JA introduced me to the software after trying
something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>

>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess

High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need

some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)

Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the
limited output power - even with an external antenna on a car I have
difficulty getting reliable QSOs thru repeaters. I am looking at buying a
"brick" amplifier to get round this. The other restriction is the audio
output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on
climbing trips and use in hotel rooms when travelling. Sure there is no
autopatch capability, but look at the size and price! The scanning
capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz
from a 12,000 ft mountain in Yosemite National Park - about 150 miles -
all on the 3 inch long antenna! Also used it in the UK a couple of weeks
ago - the C-508A built-in 1750 tone capability is needed to access British
repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much.
However, I do have a couple of questions that I can't seem to find the
answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the
autodialer memory number (#1 in my case). The transmitter turns on when
the PTT is pressed, of course, but then turns off when the PF button is
pressed and then back on for the DTMF string. However, there is no (or
very little) pause between the transmitter turn on and the sending out
of DTMF. I use two repeater autopatches and neither of them likes this
and it _usually_ results in a misdial. Question: Is there anyway to
add a pause or a brief wait between the transmitter turning back on and
the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220
repeater and my 2m HT, I have to wait for the 220 repeater to drop
before I can transmit. This becomes a real drag when on a roundtable
on the 220 repeater and it has a long hang time. Is there anyway
around this? Is there a way to make the 742A act like a single
frequency repeater on the 2m side (ie. sample the receive every few
hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>

>***
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>***
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my area and so not a problem, but I do wish the keyboard was lighted!!!! The display lights up OK and is readable, but given when I use it in emergency drills and such, a lighted keypad is a must in my next HT. The original poster should consider this as well. Otherwise, I still consider it a good buy, and agree with the others that the original poster should wait for the next sale. I'm hoping to get my boy one for himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit installed. Kenwood says that option is no longer available. does any one know of a way to build one? The local repeaters are all using 100Hz tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I

had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave transmitter/receiver working at (4.005 MHz). The use is to supply village to village communication in Tanzania Africa. A small pilot project has successfully run for the last 12
years with commercial bought in equipment. The aim is to manufacture pedal generators and short-wave transmitter/receivers locally in Tanzania both to save foreign currency and provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board.
The factory board will only let you set it up for three different
frequencies, if I remember correctly. If you only need one frequency,
I would look at one of the miniature tone boards that Communications
Specialists sell. They are available from a lot of the mail order
places. They are very simple to hook up. The original factory tone
board plugged into a small plug on the 7950. My guess it was a B+,
GND and tone into the radio line. Even if it is not, you can call
Communications Spealists and they will tell you where to connect their
boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

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End of Ham-Equip Digest V95 #390
******************************
```

1395. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509020959.AA32569@comm.tandem.com>
Source record: 213030

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 391

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 15:56:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

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policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.

Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

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policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>

>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95

Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper

battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

---

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill) writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and they
>have work flawlessly for at least 3 and 2 years respectively. The oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT. Battery did not last more than 8 months. Nedless to say, it was the last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later

this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed

the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****

Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>

>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are interested in the casual day-to-day logging, not contest logging. For casual daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I believe
version 2.24 was a "testware" program that allowed free testing for a period of time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before, date, time, band, etc. Shows QSO's with that country before. Automatically tally's DXCC and WAS by band, by mode. Has default settings for power-up (I enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power
output (actually it often measures the RF voltage output), and adjusts the

RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are
programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly
appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd
Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to
Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex,
mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m
antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now.
I was
>planning to give the HT to my wife (who will be driving our car). I'm
going to
>be driving the U-Haul truck we rented. Short of running it to the
battery, the
>only way I can think of powering this thing is via the cigarette
lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high
power, but
>since my wife will only have 5w at her disposal, I'll probably only be
using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,

> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only
from California...

The last U-Haul I rented had binding posts on the dash with 12VDC
available. I suppose we could tell each other that they did it for the
Ham community, but my real guess is that they got tired of people
butchering the wiring to hook up CB's. I know from several years of
experience in repairing over-the-road trucks that some people will cut
into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS

email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the limited output power - even with an external antenna on a car I have difficulty getting reliable QSOs thru repeaters. I am looking at buying a "brick" amplifier to get round this. The other restriction is the audio output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on climbing trips and use in hotel rooms when travelling. Sure there is no autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220
repeater and my 2m HT, I have to wait for the 220 repeater to drop
before I can transmit. This becomes a real drag when on a roundtable
on the 220 repeater and it has a long hang time. Is there anyway
around this? Is there a way to make the 742A act like a single
frequency repeater on the 2m side (ie. sample the receive every few
hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't
try it until yesterday and I couldn't seem to get it to work. I know
there are a few people out there that got it to work, do you think you can
help me? I changed the line to 1 after I loaded in a template, then
downloaded the same file to the radio, but it still doesn't seem to want
to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my
area and so not a problem, but I do wish the keyboard was lighted!!!!
The display lights up OK and is readable, but given when I use it in
emergency drills and such, a lighted keypad is a must in my next HT.
The original poster should consider this as well. Otherwise, I still
consider it a good buy, and agree with the others that the original
poster should wait for the next sale. I'm hoping to get my boy one for
himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
installed. Kenwood says that option is no longer available. does any
one know of a way to build one? The local repeaters are all using 100Hz
tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in
the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>

> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave transmitter/receiver working at (4.005 MHz). The use is to supply village to village communication in Tanzania Africa. A small pilot project has successfully run for the last 12
years with commercial bought in equipment. The aim is to manufacture pedal generators and short-wave transmitter/receivers locally in Tanzania both to save foreign currency and provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board. The factory board will only let you set it up for three different frequencies, if I remember correctly. If you only need one frequency, I would look at one of the miniature tone boards that Communications Specialists sell. They are available from a lot of the mail order places. They are very simple to hook up. The original factory tone board plugged into a small plug on the 7950. My guess it was a B+, GND and tone into the radio line. Even if it is not, you can call Communications Spealists and they will tell you where to connect their boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
****

End of Ham-Equip Digest V95 #391
****

1396. Re: battery cover plate for HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: johnmxl@ix.netcom.com
Message-ID: <42a5p8$1gf@ixnews3.ix.netcom.com>
Source record: 213031

In <428pq4$c71@utaipx02.uta.edu> rpo3352@omega (Paul Opitz) writes:
>
>In article <41nnas$cqs@news.sas.ab.ca>,
> <morganp@fn1.freenet.edmonton.ab.ca> wrote:
>
>>I would like a battery connection cover plate for my HTX-202 because
when
>>I operate from external power I'm supposed to take the battery pack
off
>>but that leaves the battery connectors to possibly get damaged, any
>>ideas?
>
>Where did you get the idea that you are supposed to take off the
battery
>pack when operating from external power? There is no technical reason
to
>do so...
>
>Paul Opitz
>Radio Shack Publications

Paul, removing the battery on external power is about as old as the HTX-202.

Apparently in the first few batches of '202s there was a problem with a diode in the radio that would overheat and fry, so the recommendation was to take the battery pack off to permit better cooling to the bottom of the radio.

Don't know if it is true or not...I just slip an empty alkaline pack on the bottom of the radio and go my merry way. On the '202, there shouldn't be power on the bottom of the radio, but I picked up the habit with ICOM 02ATs and 03ATs, and some habits are hard to break...

My $0.02.

john
KD6MXL@KM6PX.#NOCAL.CA
johnmxl@ix.netcom.com

1397. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509021111.AA313@comm.tandem.com>
Source record: 213032

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 392

Today's Topics:
OUT:BACK ON 9/9/95
Radio Shack 2m HT - Is it a good by for the price?
WANTED: Any info on pirat

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 16:55:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

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SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 391

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 15:56:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

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policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to

me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

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policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,

>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used
commercial radios such as the Motorola Syntor. Any assistance in this would
be greatly appreciated as I am very new to www, and still working at locating
various newsgroups. You can contact me at smoothwk@innet.com

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)

Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill)
writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and
they
>have work flawlessly for at least 3 and 2 years respectively. The
oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old
Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT.
Battery did not last more than 8 months. Nedless to say, it was the
last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

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policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs

>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed

waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)

Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option
allows me to store long/lat data of my qth and shows the lp and sp and distance
to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says
"less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I
still am using the HYPERLOG software. No, I have no affiliation with Hyperlog
in any way. A friend in JA introduced me to the software after trying

something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:

>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to

show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL

johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the
limited output power - even with an external antenna on a car I have
difficulty getting reliable QSOs thru repeaters. I am looking at buying a
"brick" amplifier to get round this. The other restriction is the audio
output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on
climbing trips and use in hotel rooms when travelling. Sure there is no
autopatch capability, but look at the size and price! The scanning
capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.

>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>***
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>***
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my area and so not a problem, but I do wish the keyboard was lighted!!!! The display lights up OK and is readable, but given when I use it in emergency drills and such, a lighted keypad is a must in my next HT. The original poster should consider this as well. Otherwise, I still consider it a good buy, and agree with the others that the original poster should wait for the next sale. I'm hoping to get my boy one for himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit installed. Kenwood says that option is no longer available. does any one know of a way to build one? The local repeaters are all using 100Hz tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>

>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
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End of Ham-Equip Digest V95 #387
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End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave
transmitter/receiver working at (4.005 MHz). The use is to supply village to village
communication in Tanzania Africa. A small pilot project has successfully run for the last
12
years with commercial bought in equipment. The aim is to manufacture pedal generators and
short-wave transmitter/receivers locally in Tanzania both to save foreign currency and
provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers
would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board.
The factory board will only let you set it up for three different
frequencies, if I remember correctly. If you only need one frequency,
I would look at one of the miniature tone boards that Communications
Specialists sell. They are available from a lot of the mail order
places. They are very simple to hook up. The original factory tone
board plugged into a small plug on the 7950. My guess it was a B+,
GND and tone into the radio line. Even if it is not, you can call
Communications Spealists and they will tell you where to connect their
boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
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End of Ham-Equip Digest V95 #391
****

Date: 31 Aug 95 12:53:02 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: Radio Shack 2m HT - Is it a good by for the price?

hdc@netmetro.com (hdc@netmetro.com) wrote:
> I would appreciate your comments on the Radio Shack 2m Handheld
> transceiver.
> I'm a rank beginner with my new tech licence, looking for my
> first rig.

Not to send you off the track of a HTX-202, but I've just heard about
the 4th radio in my county going on the blink. Intermittent transmit.
All the same problem. The latest one is 3 months old. Whenever used
on 12 V. it is on a mobile 5/8 antenna.

True, I don't know how many operators in my county have the HTX-202,
exactly. There are approximately 1300 or so amateurs that live in my
county. I'm sure they don't all own the HTX-202. ;-)

The ones that do work sound good. The owners like them. Just about
every owner that I have talked to has the extended warranty. (And it
is apparently pretty good tha they do have it...)

> Is it a good buy for $260? I notice that they bundle in a few
> options in the
> price, that others don't. Is there a better choice in that
> price range?

Considering the problems that I've heard with this HT, >if it were me<,
I wouldn't purchase it without the extended warranty. Figure another
$40 or whatever it costs onto the price of your HT. Now you're looking
at around $300. Is it worth that much? In my opinion, no.

Now if you get it for the sale price of around $190 + $40 warranty, you're
looking at $230ish. Yeah, maybe it is worth that to someone. Did I
say "Don't buy this radio without the warranty?" Well, if I didn't say it,
be sure you don't buy it without the warranty.

Actually, I think Radio Shack ought to adjust the price of their radio so it includes the price of the 5 year warranty. Of course, others may not think that way... I'm just going by the track record I've seen from locals on this radio...

I must add that Radio Shack has been very good to the locals in the customer service department. They stand behind their product. That is an important consideration when considering a purchase of most anything.

It is reported that the HTX-202 is very good in a high RF environment. It tends to not suffer from intermod interference. This might be something to consider, too.

All in all, I'm pretty neutral on the HTX-202. I probably wouldn't buy one for myself, but I'm not in the market for a 2M HT, either.

Contratulations on your new license and enjoy--

73,
Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~

Date: Wed, 30 Aug 95 19:17:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: WANTED: Any info on pirat

Subject: WANTED: Any info on pirate radio station

>>I'd like to start my own pirate radio station.
>>What equip. do I use, or need.
>>Any info would be very appreciated.
>>Chad Mears

Contact this group in writing:

Federal Communications Commission
Washington, DC 20554

Be sure that your correspondence clearly identifies how the FCC may reach you for further information, and that the matter you are addressing is understandable and accurate.

Clint Bradford
... Artificial Intelligence is no match for Natural Stupidity.
---
* TLX v4.00 *
~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

~~~~~

End of Ham-Equip Digest V95 #392
****

1398. WTB: Laptop 386

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <42a8jv$37t@acme.freenet.columbus.oh.us>
Source record: 213033

I posted this for friend. He's looking for the 386 Laptop
with at least 2 m RAM and monochrom monitor.

73! Sergei

AA8OT, UA3AP

--
****
Sergei Kulyov "Serge" - AA8OT, UA3AP
The Ohio State University Amateur Radio Club
packet: aa8ot@w8cqk.#cmh.oh.us.na

1399. W Henry amp price

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <42aaug$58a@giga.bga.com>
Source record: 213034

I would like to get a current price and spec's on a HENRY 3K PREMIER amp, running a 3CX1200D7.
I haven't seen any mag articles lately so I have no idea what they go for new.
Thanks, Matt/KK5DR

1400. Re: What good is 6 Meters?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DE9G3J.L10@eskimo.com>
Source record: 213035

What good is 6 meters, you ask...

Well, here's some thoughts:

Anything you can do on 6 can be done better on another band. For instance:

1. You can work DX on 6, but you can work lots more on the lower freq's.
2. You can use a HT on 6, but the antennas are more manageable on 2 or 70cm.
3. You can get good gain from a moderate sized yagi, but again, more on the higher freq's for the same $$.
4. If you like working repeaters or packet, etc, 2 meters has lots more activity.
5. Contesting on 6 is for masochists. Long hours, low pay.
6. Groundwave coverage is better than 2 meters, but 10 meters is better yet.

Actually, there is one thing 6 is better at, and that's causing TVI. It is the unquestioned champ, always has been and as long as there's a channel 2, always will be.

And yet, there are those of us who love it.... don't ask me why :-)

73, Bill W7LZP (on 6 since 1957)
wrt@eskimo.com

1401. Re: battery cover plate for HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: rpo3352@omega
Message-ID: <428pq4$c71@utaipx02.uta.edu>
Source record: 213036

In article <41nnas$cqs@news.sas.ab.ca>,
<morganp@fn1.freenet.edmonton.ab.ca> wrote:

>I would like a battery connection cover plate for my HTX-202 because when
>I operate from external power I'm supposed to take the battery pack off
>but that leaves the battery connectors to possibly get damaged, any
>ideas?

Where did you get the idea that you are supposed to take off the battery
pack when operating from external power? There is no technical reason to
do so...

Paul Opitz
Radio Shack Publications

1402. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@tandem.COM
Message-ID: <199509020425.AA22841@comm.tandem.com>
Source record: 213037

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>

> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used
commercial radios such as the Motorola Syntor. Any assistance in this would
be greatly appreciated as I am very new to www, and still working at locating
various newsgroups. You can contact me at smoothwk@innet.com

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill)
writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and
they
>have work flawlessly for at least 3 and 2 years respectively. The
oldest
>was on an almost twice a day charge cycle when I was using is heavily.

>
>Prior to that, I used Periphex replacement batteries for my old
Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT.
Battery did not last more than 8 months. Nedless to say, it was the
last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...

Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG

Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

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policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.

- Just remember it's an HT, not a mobile. They generally have intermod problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed the same issue. After talking with older and greyer HAMS, I opted for an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace in Virginia. I've my ICOM programmed for both places, as well as home base in Owego NY. I needed a lot of memory in order to do this. The IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give me unlimited power supply (and 5 Watt transmit as well) and a "hot rod" antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am

>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are interested in the casual day-to-day logging, not contest logging. For casual daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I believe
version 2.24 was a "testware" program that allowed free testing for a period of time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before, date, time, band, etc. Shows QSO's with that country before. Automatically tally's DXCC and WAS by band, by mode. Has default settings for power-up (I enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection
system, since you described amplitude modulation, not vertical
deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or
earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the
electrolytic filter capacitor may have become defective in its old
age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the

>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external

voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now.

I was
>planning to give the HT to my wife (who will be driving our car). I'm
going to
>be driving the U-Haul truck we rented. Short of running it to the
battery, the
>only way I can think of powering this thing is via the cigarette
lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high
power, but
>since my wife will only have 5w at her disposal, I'll probably only be
using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only
from California...

The last U-Haul I rented had binding posts on the dash with 12VDC
available. I suppose we could tell each other that they did it for the
Ham community, but my real guess is that they got tired of people
butchering the wiring to hook up CB's. I know from several years of
experience in repairing over-the-road trucks that some people will cut
into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the
limited output power - even with an external antenna on a car I have
difficulty getting reliable QSOs thru repeaters. I am looking at buying a
"brick" amplifier to get round this. The other restriction is the audio
output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on
climbing trips and use in hotel rooms when travelling. Sure there is no
autopatch capability, but look at the size and price! The scanning
capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz
from a 12,000 ft mountain in Yosemite National Park - about 150 miles -
all on the 3 inch long antenna! Also used it in the UK a couple of weeks
ago - the C-508A built-in 1750 tone capability is needed to access British
repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much.
However, I do have a couple of questions that I can't seem to find the
answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the
autodialer memory number (#1 in my case). The transmitter turns on when
the PTT is pressed, of course, but then turns off when the PF button is
pressed and then back on for the DTMF string. However, there is no (or
very little) pause between the transmitter turn on and the sending out
of DTMF. I use two repeater autopatches and neither of them likes this
and it _usually_ results in a misdial. Question: Is there anyway to
add a pause or a brief wait between the transmitter turning back on and
the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220
repeater and my 2m HT, I have to wait for the 220 repeater to drop
before I can transmit. This becomes a real drag when on a roundtable
on the 220 repeater and it has a long hang time. Is there anyway
around this? Is there a way to make the 742A act like a single
frequency repeater on the 2m side (ie. sample the receive every few
hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter module installed, you had to turn the rig on, then off and then on again because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the microprocessor for some reason. Changing out the VCO in the '42A did no good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

```
************************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
************************************************************
```

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my
area and so not a problem, but I do wish the keyboard was lighted!!!!
The display lights up OK and is readable, but given when I use it in
emergency drills and such, a lighted keypad is a must in my next HT.
The original poster should consider this as well. Otherwise, I still
consider it a good buy, and agree with the others that the original
poster should wait for the next sale. I'm hoping to get my boy one for
himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
installed. Kenwood says that option is no longer available. does any
one know of a way to build one? The local repeaters are all using 100Hz
tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in
the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

1403. 2meter Handheld for newbie

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: billh33047@aol.com
Message-ID: <42a8hk$56h@newsbf02.news.aol.com>
Source record: 213038

Just recieved my no code licence in the mail and iam itching to buy a radio. Most books recommend a 2m ht as a first radio. any reccomendations out there. Ive been looking at the yaesu ft11 is this a good radio to start out with? you can buy them for less than 300.00. It is small, and has a backlit display. In major metro areas Iam in the San F. bay area do you need 5watt versions of HT's.?

1404. HF tranciever vs reciever's for audio quality

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: billh33047@aol.com
Message-ID: <42a8if$573@newsbf02.news.aol.com>
Source record: 213039

Iam new to Ham radio having just passed my no-code licence, and have already begun learning the code. What got me interested in Ham was listening to the Major shorwave broadcasts BBC etc. At one time I fashioned buying a top of the line communications reciever DrakeR8, Kenwood 5000 or Japan radio all of which are known for there good audio quality as well as there dx ability. Now that Iam making my way into ham radio Ive noticied that for example some of the kenwood transcievers are priced not to much higher than the top of the line coommmunications recievers. Ill always want to continue listening to the major SW broadcasters. I like the what i think is the more balanced news perspective of the bbc. Currently I have a grundig sat 700 reciever. Are the audio quality most importantly listenability good on the mid priced trancievers in comparison to the high end recievers? Will I miss Synch detection commonly used on communications recievers? Are some trancievers esp known for there audio quality-dynamic range? Thanks, iam betting there is some hams who also listen to the majors and have been thru this dillema. Bill Hansen

1405. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509021219.AA15161@comm.tandem.com>
Source record: 213040

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 393

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 18:02:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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Mark

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Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 392

Today's Topics:
OUT:BACK ON 9/9/95
Radio Shack 2m HT - Is it a good by for the price?
WANTED: Any info on pirat

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Date: 2 Sep 95 16:55:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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Date: 2 Sep 95 15:56:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.

Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

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policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>

>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95

Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper

battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

---

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill) writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and they
>have work flawlessly for at least 3 and 2 years respectively. The oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT. Battery did not last more than 8 months. Nedless to say, it was the last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

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policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later

this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

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SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

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Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed

the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****

Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>

>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are interested in the casual day-to-day logging, not contest logging. For casual daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I believe
version 2.24 was a "testware" program that allowed free testing for a period of time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before, date, time, band, etc. Shows QSO's with that country before. Automatically tally's DXCC and WAS by band, by mode. Has default settings for power-up (I enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power
output (actually it often measures the RF voltage output), and adjusts the

RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are
programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly
appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd
Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to
Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex,
mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m
antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now.
I was
>planning to give the HT to my wife (who will be driving our car). I'm
going to
>be driving the U-Haul truck we rented. Short of running it to the
battery, the
>only way I can think of powering this thing is via the cigarette
lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high
power, but
>since my wife will only have 5w at her disposal, I'll probably only be
using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,

> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only
from California...

The last U-Haul I rented had binding posts on the dash with 12VDC
available. I suppose we could tell each other that they did it for the
Ham community, but my real guess is that they got tired of people
butchering the wiring to hook up CB's. I know from several years of
experience in repairing over-the-road trucks that some people will cut
into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS

email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the limited output power - even with an external antenna on a car I have difficulty getting reliable QSOs thru repeaters. I am looking at buying a "brick" amplifier to get round this. The other restriction is the audio output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on climbing trips and use in hotel rooms when travelling. Sure there is no autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220
repeater and my 2m HT, I have to wait for the 220 repeater to drop
before I can transmit. This becomes a real drag when on a roundtable
on the 220 repeater and it has a long hang time. Is there anyway
around this? Is there a way to make the 742A act like a single
frequency repeater on the 2m side (ie. sample the receive every few
hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't
try it until yesterday and I couldn't seem to get it to work. I know
there are a few people out there that got it to work, do you think you can
help me? I changed the line to 1 after I loaded in a template, then
downloaded the same file to the radio, but it still doesn't seem to want
to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my
area and so not a problem, but I do wish the keyboard was lighted!!!!
The display lights up OK and is readable, but given when I use it in
emergency drills and such, a lighted keypad is a must in my next HT.
The original poster should consider this as well. Otherwise, I still
consider it a good buy, and agree with the others that the original
poster should wait for the next sale. I'm hoping to get my boy one for
himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
installed. Kenwood says that option is no longer available. does any
one know of a way to build one? The local repeaters are all using 100Hz
tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in
the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>

> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave transmitter/receiver working at (4.005 MHz). The use is to supply village to village communication in Tanzania Africa. A small pilot project has successfully run for the last 12
years with commercial bought in equipment. The aim is to manufacture pedal generators and short-wave transmitter/receivers locally in Tanzania both to save foreign currency and provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board. The factory board will only let you set it up for three different frequencies, if I remember correctly. If you only need one frequency, I would look at one of the miniature tone boards that Communications Specialists sell. They are available from a lot of the mail order places. They are very simple to hook up. The original factory tone board plugged into a small plug on the 7950. My guess it was a B+, GND and tone into the radio line. Even if it is not, you can call Communications Spealists and they will tell you where to connect their boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
****

End of Ham-Equip Digest V95 #391
****

Date: 31 Aug 95 12:53:02 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: Radio Shack 2m HT - Is it a good by for the price?

hdc@netmetro.com (hdc@netmetro.com) wrote:
> I would appreciate your comments on the Radio Shack 2m Handheld
> transceiver.
> I'm a rank beginner with my new tech licence, looking for my
> first rig.

Not to send you off the track of a HTX-202, but I've just heard about
the 4th radio in my county going on the blink. Intermittent transmit.

All the same problem. The latest one is 3 months old. Whenever used on 12 V. it is on a mobile 5/8 antenna.

True, I don't know how many operators in my county have the HTX-202, exactly. There are approximately 1300 or so amateurs that live in my county. I'm sure they don't all own the HTX-202. ;-)

The ones that do work sound good. The owners like them. Just about every owner that I have talked to has the extended warranty. (And it is apparently pretty good tha they do have it...)

> Is it a good buy for $260? I notice that they bundle in a few
> options in the
> price, that others don't. Is there a better choice in that
> price range?

Considering the problems that I've heard with this HT, >if it were me<, I wouldn't purchase it without the extended warranty. Figure another $40 or whatever it costs onto the price of your HT. Now you're looking at around $300. Is it worth that much? In my opinion, no.

Now if you get it for the sale price of around $190 + $40 warranty, you're looking at $230ish. Yeah, maybe it is worth that to someone. Did I say "Don't buy this radio without the warranty?" Well, if I didn't say it, be sure you don't buy it without the warranty.

Actually, I think Radio Shack ought to adjust the price of their radio so it includes the price of the 5 year warranty. Of course, others may not think that way... I'm just going by the track record I've seen from locals on this radio...

I must add that Radio Shack has been very good to the locals in the customer service department. They stand behind their product. That is an important consideration when considering a purchase of most anything.

It is reported that the HTX-202 is very good in a high RF environment. It tends to not suffer from intermod interference. This might be something to consider, too.

All in all, I'm pretty neutral on the HTX-202. I probably wouldn't buy one for myself, but I'm not in the market for a 2M HT, either.

Contratulations on your new license and enjoy--

73,
Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~

~~~~~

Date: Wed, 30 Aug 95 19:17:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: WANTED: Any info on pirat

Subject: WANTED: Any info on pirate radio station

>>I'd like to start my own pirate radio station.
>>What equip. do I use, or need.
>>Any info would be very appreciated.
>>Chad Mears

Contact this group in writing:

Federal Communications Commission
Washington, DC 20554

Be sure that your correspondence clearly identifies how the FCC may
reach you for further information, and that the matter you are addressing
is understandable and accurate.

Clint Bradford
... Artificial Intelligence is no match for Natural Stupidity.
---
* TLX v4.00 *
~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

End of Ham-Equip Digest V95 #392
****

End of Ham-Equip Digest V95 #393
****

1406. Ever Been a CB repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DEAxtv.15A@netcom.com>
Source record: 213041

Have there ever been CB repeaters? If not, why not?

1407. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: jdb99@ix.netcom.com
Message-ID: <42adac$m5a@ixnews7.ix.netcom.com>
Source record: 213042

In <41v7qjbvm1@mhafm.production.compuserve.com> Lord GAD
<73110.250@CompuServe.COM> writes:
>
>
>>>These is no law that requires you to hold an Amateur license for
>>> purchasing an Amateur radio transceiver.
>
>AHA! I think there should be. If you must be lisensed to xmit, why
>not be lisensed to buy? I realize that my own situation would
>change as my fiance bought me my first rig, but hey, compromise is
>key.
>
>In SCUBA, you can buy all the equipment you want, but you cannot
>buy compressed air or an air tank without a "C" card. perhaps we
>need the same enforcement in HAM.
>

Why? Just more government regulation in our life. There
may be no law that says they cannot sell Amateur equipment
to anyone, but there is no law that says you HAVE to sell
anyone Amateur equipment. Likewise there is no law that
prevents the seller from having a policy of NOT selling
to anyone without the proper license.

N4DDS

1408. IBM-AT 286 computer "quiet" for HF?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <42af2e$6v4@newsbf02.news.aol.com>
Source record: 213043

I have an opportunity to buy an IBM -AT model 5170, 286 computer which I want to use on HF digital modes (amtor, pactor, Clover) using the HAL P38 board. Does anyone have any knowledge if this was a QUIET computer? I don't want to buy something that's going to be generating a lot of noise on HF. Any feedback is greatly appreciated!
73's Mike KS4DA

1409. 30' Tower 4 sale in N.H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: cybertek@top.monad.net
Message-ID: <cybertek-0209952101300001@204.97.18.179>
Source record: 213044

30' Tower 4 sale in N.H.

Located in south west New Hampshire

I have a free standing antenna tower for sale. It is in 4 sections. The material is Galvanized steel. There is no rust. I do not know who the manufacturer is but there is a part number stamped into each section. A little research might reveal a manufacturer to those who might be interested.

I am asking $70.00

73/ Dale N1KWE

internet cybertek@top.monad.net (weekends)
internet dfreihofer@markem.com (weekdays)
packet n1kwe@wa1ytw.nh.usa
603-352-7996

****

1410. Re: TH-79A special functions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: "Michel Stoop (PE1OZA)" <mstoop@xs4all.nl>
Message-ID: <42ap37$ib6@news.xs4all.nl>
Source record: 213045

I know that there are some secret codes wich
you must enter with the keylock on.

The first person who gives me these codes will get
the 2 secret codes for the new Alinco DJ-G5

--
Regards, Michel

AMPRnet: pe1oza@pi8dre.ampr.org
e-mail: mstoop@xs4all.nl
AX.25 BBS: PE1OZA@PI8DRE.#DRE.NLD.EU

1411. Ham from Uzbekistan needs contacts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: Shavkat Rustamov <rustamov@ux4.cso.uiuc.edu>
Message-ID: <Pine.Sola.3.91.950902205456.5851A-100000@ux4.cso.uiuc.edu>
Source record: 213046

RI8LAI .If anybody can help me to get informed about amature radio in Illinois please email me .I am a student in the University of Illinois at Urbna-Champaighn and rtied to find a ham club here but failed. Appreciate any assistance.

73!

email:rustamov@students.uiuc.edu

1412. [FOR SALE]: Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: jdb99@ix.netcom.com
Message-ID: <42ad4j$49a@ixnews3.ix.netcom.com>
Source record: 213047

Radio Shack Pro-2006 New, with OPTI SCAN 456 computer controller
installed. Comes with ScanStart software as well.
This scanner connects to your PC or laptop via an RS-232 port
and will scan, log, and monitor any frequency in it's range.
With the Opti Scan 456 it will decode all DTMF, SA, Burst, and
many other tones. It will maintain a record of use, length of
use, and several other monitoring goodies, too numerous to list.
If you have been to a hamfest you have seen the Opti Scan in
action at most of the larger gatherings.

$ 450.00 OBO.

Alinco DJ-580 Dual Bander HT.
Comes with drop-in quick charger, wall charger,
2 extra W&W Assoc. 1500mah batteries, automobile
12V adapter for plugin to cig. lighter, extended
flex duckie, stock rubber duck, and an all metal
18" Maldol HS-702S antenna.

$ 400.00 OBO

10 CH. Bearcat Scanner NIB, 12 VHF Hi-Low, UHF, 800mhz.

$ 75.00 OBO

NEC portable Cell Phone free to purchaser of either
the scanner or HT.
NEC bag phone free to purchaser of scanner.

N4DDS
205-854-3641 after 4:00PM & weekends.
205-969-9211 8:00AM to 4:00PM weekdays.
post or email.

1413. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509021312.AA21817@comm.tandem.com>
Source record: 213048

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 394

Today's Topics:
Ham Logginf Software
Heath HW8
HF tranciever vs reciever's for audio quality
OUT:BACK ON 9/9/95
w1fb,rtty

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Date: 30 Aug 1995 02:43:19 GMT
From: td_eecs@ix.netcom.com (Tom Daggett)
Subject: Ham Logginf Software

Does anyone know a GOOD loggin program for ham radio. I know there are
some out there, but I'm having bad luck getting one. I recently bought
a CD-ROM that had no less than 15 logging programs -- none of them
worked! I'm not too anxious to part with green money again until I
know what I'm getting in advance!

Does anyone have one that they are really in love with? If so, why the
love affair!

Thanks,

Tom

Date: 30 Aug 1995 02:32:11 GMT
From: acameron@PROBLEM_WITH_INEWS_DOMAIN_FILE.UCSD.EDU (Allan Cameron)
Subject: Heath HW8

I have a Heath kit HW8 that needs the VFO variable capacitor replaced.
Does anyone know the specs on this capacitor? Heath no longer stocks them.
I can probaly find one some place if I know what to ask for.

Thanks,

Allan Cameron Carl Hayden High School
N7UJJ Computer Science Department
acameron@hayden.edu 3333 W. Roosevelt, Phoenix, 85009
(602) 271-2417

Date: 2 Sep 1995 14:42:23 -0400
From: billh33047@aol.com (BillH33047)
Subject: HF tranciever vs reciever's for audio quality

Iam new to Ham radio having just passed my no-code licence, and have
already begun learning the code. What got me interested in Ham was
listening to the Major shorwave broadcasts BBC etc. At one time I
fashioned buying a top of the line communications reciever DrakeR8,
Kenwood 5000 or Japan radio all of which are known for there good audio
quality as well as there dx ability. Now that Iam making my way into ham
radio Ive noticied that for example some of the kenwood transcievers are
priced not to much higher than the top of the line coommmunications
recievers. Ill always want to continue listening to the major SW
broadcasters. I like the what i think is the more balanced news
perspective of the bbc. Currently I have a grundig sat 700 reciever. Are
the audio quality most importantly listenability good on the mid priced
trancievers in comparison to the high end recievers? Will I miss Synch
detection commonly used on communications recievers? Are some trancievers
esp known for there audio quality-dynamic range? Thanks, iam betting there
is some hams who also listen to the majors and have been thru this
dillema. Bill Hansen

Date: 2 Sep 95 19:02:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 393

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 18:02:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
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SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 392

Today's Topics:
OUT:BACK ON 9/9/95
Radio Shack 2m HT - Is it a good by for the price?
WANTED: Any info on pirat

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Date: 2 Sep 95 16:55:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

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OUT:BACK ON 9/9/95

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Date: 2 Sep 95 15:56:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

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Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

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Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of

those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.

>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used junk at is somewhat higher than the average new retail price for the very same items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

---

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill) writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and they
>have work flawlessly for at least 3 and 2 years respectively. The oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT. Battery did not last more than 8 months. Nedless to say, it was the last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but I'm worried about not having autopatch capabilities. Please give me your opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are

>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option
allows me to store long/lat data of my qth and shows the lp and sp and distance
to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>

My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be

reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the
limited output power - even with an external antenna on a car I have
difficulty getting reliable QSOs thru repeaters. I am looking at buying a
"brick" amplifier to get round this. The other restriction is the audio
output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on
climbing trips and use in hotel rooms when travelling. Sure there is no

autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *

* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us-----------*
****

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my area and so not a problem, but I do wish the keyboard was lighted!!!! The display lights up OK and is readable, but given when I use it in emergency drills and such, a lighted keypad is a must in my next HT. The original poster should consider this as well. Otherwise, I still consider it a good buy, and agree with the others that the original poster should wait for the next sale. I'm hoping to get my boy one for himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
installed. Kenwood says that option is no longer available. does any
one know of a way to build one? The local repeaters are all using 100Hz
tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in
the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?

>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave
transmitter/receiver working at (4.005 MHz). The use is to supply village to village
communication in Tanzania Africa. A small pilot project has successfully run for the last
12
years with commercial bought in equipment. The aim is to manufacture pedal generators and
short-wave transmitter/receivers locally in Tanzania both to save foreign currency and
provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers
would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board.
The factory board will only let you set it up for three different
frequencies, if I remember correctly. If you only need one frequency,
I would look at one of the miniature tone boards that Communications
Specialists sell. They are available from a lot of the mail order
places. They are very simple to hook up. The original factory tone
board plugged into a small plug on the 7950. My guess it was a B+,
GND and tone into the radio line. Even if it is not, you can call
Communications Spealists and they will tell you where to connect their
boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT

guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
****

End of Ham-Equip Digest V95 #391
****

Date: 31 Aug 95 12:53:02 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: Radio Shack 2m HT - Is it a good by for the price?

hdc@netmetro.com (hdc@netmetro.com) wrote:
> I would appreciate your comments on the Radio Shack 2m Handheld
> transceiver.
> I'm a rank beginner with my new tech licence, looking for my
> first rig.

Not to send you off the track of a HTX-202, but I've just heard about
the 4th radio in my county going on the blink. Intermittent transmit.
All the same problem. The latest one is 3 months old. Whenever used
on 12 V. it is on a mobile 5/8 antenna.

True, I don't know how many operators in my county have the HTX-202,
exactly. There are approximately 1300 or so amateurs that live in my
county. I'm sure they don't all own the HTX-202. ;-)

The ones that do work sound good. The owners like them. Just about
every owner that I have talked to has the extended warranty. (And it
is apparently pretty good tha they do have it...)

> Is it a good buy for $260? I notice that they bundle in a few
> options in the
> price, that others don't. Is there a better choice in that
> price range?

Considering the problems that I've heard with this HT, >if it were me<,
I wouldn't purchase it without the extended warranty. Figure another
$40 or whatever it costs onto the price of your HT. Now you're looking
at around $300. Is it worth that much? In my opinion, no.

Now if you get it for the sale price of around $190 + $40 warranty, you're
looking at $230ish. Yeah, maybe it is worth that to someone. Did I
say "Don't buy this radio without the warranty?" Well, if I didn't say it,
be sure you don't buy it without the warranty.

Actually, I think Radio Shack ought to adjust the price of their radio
so it includes the price of the 5 year warranty. Of course, others may
not think that way... I'm just going by the track record I've seen from
locals on this radio...

I must add that Radio Shack has been very good to the locals in the
customer service department. They stand behind their product. That is
an important consideration when considering a purchase of most anything.

It is reported that the HTX-202 is very good in a high RF environment. It
tends to not suffer from intermod interference. This might be something
to consider, too.

All in all, I'm pretty neutral on the HTX-202. I probably wouldn't buy
one for myself, but I'm not in the market for a 2M HT, either.

Contratulations on your new license and enjoy--

73,
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~

Date: Wed, 30 Aug 95 19:17:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: WANTED: Any info on pirat

Subject: WANTED: Any info on pirate radio station

>>I'd like to start my own pirate radio station.
>>What equip. do I use, or need.
>>Any info would be very appreciated.
>>Chad Mears

Contact this group in writing:

Federal Communications Commission
Washington, DC 20554
~~~~~~

Be sure that your correspondence clearly identifies how the FCC may
reach you for further information, and that the matter you are addressing
is understandable and accurate.

Clint Bradford
... Artificial Intelligence is no match for Natural Stupidity.
---
* TLX v4.00 *
~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

End of Ham-Equip Digest V95 #392
****

End of Ham-Equip Digest V95 #393
****

Date: Wed, 30 Aug 1995 02:32:36 GMT
From: davew@cruzio.com
Subject: w1fb,rtty

Used it for the first time a couple weeks ago in SARTG and it is GREAT! Had
the operation down after working a few qso's. I changed the buffers to match
the contest but that is one of the things the manual says to do before a
contest. I did mine on the fly and it is very easy. The only way to do an rtty
contest.

.

--
Dave Wells KD6TO; INTERNET: davew@cruzio.com
Packet:KD6TO@K6LY.#CENCAL.CA.USA.NOAM; COMPUSERVE:74067,1755
(WA4UQQ Worldwide Amateur Radio Directory III KD6TO)
.

End of Ham-Equip Digest V95 #394
****

1414. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509021312.AA30521@comm.tandem.com>
Source record: 213049

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

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policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still

>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used junk at is somewhat higher than the average new retail price for the very same items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be (704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

---

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill) writes:
>

>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and
they
>have work flawlessly for at least 3 and 2 years respectively. The
oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old
Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT.
Battery did not last more than 8 months. Nedless to say, it was the
last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*

****

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

---------- ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option
allows me to store long/lat data of my qth and shows the lp and sp and distance
to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says
"less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I
still am using the HYPERLOG software. No, I have no affiliation with Hyperlog
in any way. A friend in JA introduced me to the software after trying
something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>

>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess

High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need

some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)

Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the
limited output power - even with an external antenna on a car I have
difficulty getting reliable QSOs thru repeaters. I am looking at buying a
"brick" amplifier to get round this. The other restriction is the audio
output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on
climbing trips and use in hotel rooms when travelling. Sure there is no
autopatch capability, but look at the size and price! The scanning
capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz
from a 12,000 ft mountain in Yosemite National Park - about 150 miles -
all on the 3 inch long antenna! Also used it in the UK a couple of weeks
ago - the C-508A built-in 1750 tone capability is needed to access British
repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much.
However, I do have a couple of questions that I can't seem to find the
answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the
autodialer memory number (#1 in my case). The transmitter turns on when
the PTT is pressed, of course, but then turns off when the PF button is
pressed and then back on for the DTMF string. However, there is no (or
very little) pause between the transmitter turn on and the sending out
of DTMF. I use two repeater autopatches and neither of them likes this
and it _usually_ results in a misdial. Question: Is there anyway to
add a pause or a brief wait between the transmitter turning back on and
the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220
repeater and my 2m HT, I have to wait for the 220 repeater to drop
before I can transmit. This becomes a real drag when on a roundtable
on the 220 repeater and it has a long hang time. Is there anyway
around this? Is there a way to make the 742A act like a single
frequency repeater on the 2m side (ie. sample the receive every few
hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>

>***
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>***
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my area and so not a problem, but I do wish the keyboard was lighted!!!! The display lights up OK and is readable, but given when I use it in emergency drills and such, a lighted keypad is a must in my next HT. The original poster should consider this as well. Otherwise, I still consider it a good buy, and agree with the others that the original poster should wait for the next sale. I'm hoping to get my boy one for himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit installed. Kenwood says that option is no longer available. does any one know of a way to build one? The local repeaters are all using 100Hz tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I

had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave transmitter/receiver working at (4.005 MHz). The use is to supply village to village communication in Tanzania Africa. A small pilot project has successfully run for the last 12
years with commercial bought in equipment. The aim is to manufacture pedal generators and short-wave transmitter/receivers locally in Tanzania both to save foreign currency and provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board.
The factory board will only let you set it up for three different
frequencies, if I remember correctly. If you only need one frequency,
I would look at one of the miniature tone boards that Communications
Specialists sell. They are available from a lot of the mail order
places. They are very simple to hook up. The original factory tone
board plugged into a small plug on the 7950. My guess it was a B+,
GND and tone into the radio line. Even if it is not, you can call
Communications Spealists and they will tell you where to connect their
boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
****

1415. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509021313.AA16697@comm.tandem.com>
Source record: 213050

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 391

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 15:56:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

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Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.

Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

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policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>

>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95

Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper

battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

---

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill) writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and they
>have work flawlessly for at least 3 and 2 years respectively. The oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT. Battery did not last more than 8 months. Nedless to say, it was the last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later

this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed

the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****

Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>

>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are interested in the casual day-to-day logging, not contest logging. For casual daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I believe
version 2.24 was a "testware" program that allowed free testing for a period of time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before, date, time, band, etc. Shows QSO's with that country before. Automatically tally's DXCC and WAS by band, by mode. Has default settings for power-up (I enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power
output (actually it often measures the RF voltage output), and adjusts the

RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are
programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly
appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd
Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to
Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex,
mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m
antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now.
I was
>planning to give the HT to my wife (who will be driving our car). I'm
going to
>be driving the U-Haul truck we rented. Short of running it to the
battery, the
>only way I can think of powering this thing is via the cigarette
lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high
power, but
>since my wife will only have 5w at her disposal, I'll probably only be
using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,

> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only
from California...

The last U-Haul I rented had binding posts on the dash with 12VDC
available. I suppose we could tell each other that they did it for the
Ham community, but my real guess is that they got tired of people
butchering the wiring to hook up CB's. I know from several years of
experience in repairing over-the-road trucks that some people will cut
into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS

email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the limited output power - even with an external antenna on a car I have difficulty getting reliable QSOs thru repeaters. I am looking at buying a "brick" amplifier to get round this. The other restriction is the audio output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on climbing trips and use in hotel rooms when travelling. Sure there is no autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220
repeater and my 2m HT, I have to wait for the 220 repeater to drop
before I can transmit. This becomes a real drag when on a roundtable
on the 220 repeater and it has a long hang time. Is there anyway
around this? Is there a way to make the 742A act like a single
frequency repeater on the 2m side (ie. sample the receive every few
hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't
try it until yesterday and I couldn't seem to get it to work. I know
there are a few people out there that got it to work, do you think you can
help me? I changed the line to 1 after I loaded in a template, then
downloaded the same file to the radio, but it still doesn't seem to want
to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my
area and so not a problem, but I do wish the keyboard was lighted!!!!
The display lights up OK and is readable, but given when I use it in
emergency drills and such, a lighted keypad is a must in my next HT.
The original poster should consider this as well. Otherwise, I still
consider it a good buy, and agree with the others that the original
poster should wait for the next sale. I'm hoping to get my boy one for
himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
installed. Kenwood says that option is no longer available. does any
one know of a way to build one? The local repeaters are all using 100Hz
tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in
the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>

> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave transmitter/receiver working at (4.005 MHz). The use is to supply village to village communication in Tanzania Africa. A small pilot project has successfully run for the last 12
years with commercial bought in equipment. The aim is to manufacture pedal generators and short-wave transmitter/receivers locally in Tanzania both to save foreign currency and provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board. The factory board will only let you set it up for three different frequencies, if I remember correctly. If you only need one frequency, I would look at one of the miniature tone boards that Communications Specialists sell. They are available from a lot of the mail order places. They are very simple to hook up. The original factory tone board plugged into a small plug on the 7950. My guess it was a B+, GND and tone into the radio line. Even if it is not, you can call Communications Spealists and they will tell you where to connect their boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
****

End of Ham-Equip Digest V95 #391
****

1416. OUT:BACK ON 9/9/95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-02 00:00:00 UTC
From: WUNDERMAN_MARK@Tandem.COM
Message-ID: <199509021319.AA31033@comm.tandem.com>
Source record: 213051

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)

>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...

>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

---

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill) writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and they
>have work flawlessly for at least 3 and 2 years respectively. The oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT. Battery did not last more than 8 months. Nedless to say, it was the last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but I'm worried about not having autopatch capabilities. Please give me your opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu

Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:

>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option

allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A

> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of

experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode Data Controller. I will cover cost of original or photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono band transceiver from Ten Tec? Please let me ask you a couple of questions.

1.What sort of circuit is in a band module? The band module is the one you have to pull out and push another one into the transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the limited output power - even with an external antenna on a car I have difficulty getting reliable QSOs thru repeaters. I am looking at buying a "brick" amplifier to get round this. The other restriction is the audio

output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on climbing trips and use in hotel rooms when travelling. Sure there is no autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

```
************************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
************************************************************
```

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my area and so not a problem, but I do wish the keyboard was lighted!!!! The display lights up OK and is readable, but given when I use it in emergency drills and such, a lighted keypad is a must in my next HT. The original poster should consider this as well. Otherwise, I still consider it a good buy, and agree with the others that the original poster should wait for the next sale. I'm hoping to get my boy one for himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)

Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
installed. Kenwood says that option is no longer available. does any
one know of a way to build one? The local repeaters are all using 100Hz
tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in
the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.

> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

1417. TM-742A Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <797152498701@humnet.humberc.on.ca>
Source record: 212902

I have 2 of the predecessor to the 742...the TM-741A and love 'em !

If you like rigs with lots of bells and whistles then this is
the one for you. Cross band repeat, lots of TX power, receive
all 3 bands simultaneously, run any 3 bands from 28, 50, 144,
220, 440, 1200 Mhz.

I have never had a problem with either of mine.
The RF modules are bullet proof ! I have actually run one of the
modules as a standalone transceiver without the main chassis.
I know these rigs fairly well from the inside-out.

2 thumbs up !

Hugh Duff VA3TO Toronto

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
Visit our Website at http://humnet.humberc.on.ca/

1418. Old German Vacuum Tube WTB

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: jeff Kloth <75202.646@CompuServe.COM>
Message-ID: <42b901$l2m$1@mhafn.production.compuserve.com>
Source record: 212955
Cross-posted to:
rec.audio.marketplace,rec.audio.pro,rec.music.makers.marketplace,rec.radio.amateur.equipment,rec.video.production

VF-14 tube used in Germany 1940s and 50s. Hard to find. Used or
in box. I need it!!!!
Call collect: Jeff 312-644-4300 Days FAX 312-644-4301

--
JPK

1419. Re: I need basic info on starting a High School Station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: robert@kd3bj.ampr.org
Message-ID: <robert.810087047@shark.pond.com>
Source record: 212956

djmuzak@aol.com (DJ Muzak) writes:

>I am looking to buy an AM or FM (pref FM) transmitter for my High School
>radio station which has up to now been closed circut. I live near NYC
>(approx 30 minutes away) and I'm looking for a range of 2-5 miles. I need
>info in terms of transmitter and antenna (suggestions of where to go).
>Also, what is the deal with licensing at this power (I have to tell the
>school board something because they are paying for it). Any help would be
>greatly appreciated.

>Please respond via E-Mail
>Thanx again
>-Mike

Mike: In your area it will be a major bona fide miracle if you can find
a frequency to operate on. 25 years ago I put a college station on the
air in a location just into PA along route 80. At that time, we could
do it with 10 watts, which is the coverage you propose. Since then, the
FCC has upped the stakes, and you get NO, NONE, NADA, ZIP, ZERO protection
from interference if you are less than 100 watts. The norm appears to
be about 1 KW today. I'm talking non-commercial FM here. What you miight
try is something that schools out west did back then, and that is CableRadio.
See if you can get the local cable system to put a modulator on an unused
FM frequency in your area. Of course, only those who have cable service can
get your signal. It does solve a lot of problems, though. You might post
to rec.radio.broadcast or rec.radio.noncommercial for more help.

Bob

1420. KW MC-85 Mike Problem - Mod Available?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: Terry McComb <Spackrat@mail.cybernetics.net>
Message-ID: <42b5vh$54h@ralph.vnet.net>
Source record: 212957

I have an MC-85 Kenwood Mike that appears to be causing a feedback problem. I have placed a ferrite filter over the cord near the radio and that seems to have eliminated quite a bit of the problem, but after transmitting a while, it affects the relay in the radio & the relay doesn't release immediately after releasing the PTT. Any ideas or mods available to eliminate this problem? My old MC-50 dynamic mike causes no problems. The radio is a Kenwood TS850S/AT. Thanks for any help. Terry KD4GBO

1421. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: jdb99@ix.netcom.com
Message-ID: <42bbnd$m9f@ixnews2.ix.netcom.com>
Source record: 212958

In <42aqnj$9i7@globe.indirect.com> barry@indirect.com (Barry Rose)
writes:
>
>
>> Why? Just more government regulation in our life. There
>>may be no law that says they cannot sell Amateur equipment
>>to anyone, but there is no law that says you HAVE to sell
>>anyone Amateur equipment. Likewise there is no law that
>>prevents the seller from having a policy of NOT selling
>>to anyone without the proper license.
>>
>> N4DDS
>
>I heard a story a few years ago from the manager of a local store
>that is part of one of the major ham retail stores in the country.
>Seems someone in a store back east refused to sell a transmitter to
>an unlicensed person. That person sued and won.
>

I used to be a 50% owner of a Ham Radio store in Tennessee.
We had a clearly posted store policy that was in plain sight.

it was simple...

..We do not sell Amateur Radio equipment capable of transmitting
to anyone who does not hold a valid Amateur Radio License.

Now we did not go so far as to say you cannot but a 2M FM rig
because you only have a Novice ticket..No..If you held a license you
could buy anything in the store...no license...receiving gear only.
We were sued by two people who wanted to buy 440 HT's....They
lost.
I don't know which court that person won in, but I assure
you have no legal rights (except for equal housing laws) that can force
anyone to sell anything to you if they do not want to....

1422. F.S. Lexicon 1200C Time Compression

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: jeff Kloth <75202.646@CompuServe.COM>
Message-ID: <42dfgkqvl1@mhadg.production.compuserve.com>
Source record: 212959
Cross-posted to:
rec.audio.marketplace,rec.audio.pro,rec.music.makers.marketplace,rec.radio.amateur.equipment,rec.video.production

Unit is mint condition. Low use. Add tach and time compress in
real-time! $2150.00+ sh (Chicago)

Jeff 312-644-4300 days

--
JPK

1423. Re: Old German Vacuum Tube WTB

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: jkreines@aol.com
Message-ID: <42bnf1$ig4@newsbf02.news.aol.com>
Source record: 212960
Cross-posted to:
rec.audio.marketplace,rec.audio.pro,rec.music.makers.marketplace,rec.radio.amateur.equipment,rec.video.production

Jeff:

VF14s can be found, but the going price is about $5-600.

I do have a Nuvistor adapter for a U-47 if you need one.

--Jeff Kreines

1424. Info needed on AN/VRC-18 Radio Set

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <42bcn1$f28@ixnews6.ix.netcom.com>
Source record: 212961
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.misc

Fair Radio sells the VRC-18 set. It consists of an RT-68/GRC transceiver, R-110 Reciever, PP-112 & 282 24VDC power supplies, mic, two headsets, speaker, mast base, antenna, cables, manuals, etc.Is it a good system? They stste it has been Government Reconditioned.

According to the item description in the catalog it is continuosly tuneable or in 100khz steps frpm 38 - 54.9mhz. Is the transceiver section (RT-68/GRC) continuosly tunable? I'm looking fo a good, cheap and rugged rig to get on 6m with. They sell the set for $250.00 plus shipping.

They also sell just the RT-68/GRC (used--not reconditioned) transceiver for $75.00 (may be better deal in the long run considering shipping weight is only 42lbs. on the RT and 185lbs. for the set??? [I live in CA]).

Any opinions/problems/suggestions?

Thanks!!

John
KE6TGN

1425. Re: Copper Electronics phone no?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: drgrant@kilrah.iii.net
Message-ID: <42clbh$k89@news.iii.net>
Source record: 212962
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment,rec.radio.swap

fmdavis@bnr.ca (Fred Davis VA3FD) wrote:

>Can someone please post the phone number for Copper Electronics?

>Thanks in advance!

>~~~~~~
>Fred M. Davis VA3FD | These opinions mine
>Nepean, ON. | fmdavis@bnr.ca
>(Ottawa suburb) | fred.davis@nt.com
>~~~~~~

For the fiftieth time-

Sales- 1-800-626-6343

Service/shipping- 1-502-968-8500

1426. Re: WANTED: Gonset Comm. IV man./schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: dickd@magicnet.net
Message-ID: <42b4fs$bl3@comet.magicnet.net>
Source record: 212963
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <1995Aug28.153602.1@vax.sonoma.edu>, harrisok@vax.sonoma.edu (Ken Harrison) says:
>
>Hello. I would like either the original or a photocopy of a manual
>including schematic for the Gonset Communicator IV 2m AM rig. Also,
>I have a friend who is interested in the same for the Communicator III.
>
>Please email me.
>
>Thanks and 73--
>Ken
>
>
>--
>
>_____
>Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
>~~~~~~
>
>
>
Hi Ken, I have a photo copy of the manuel you need. I will be happy to provide you with a photo copy. I am not sure of the 4th generation quality however. E-mail me with your address and I will let you know what the coping will cost as well as the postage. By the way I am using this with my 6m AM Comm IV am it seems to be OK... If you know of a proper manuel for this rig pse let me know.

73, Dick

1427. Re: Crystal Radio Information?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810093342.17139@pinetree.microserve.com>
Source record: 212964
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

gaspo <gaspo@lick.pvt.k12.ca.us> wrote:

>Greetings all!
>Does anyone have any references (anything at all!) to Crystal
>Radio construction? i know how they work, and built one way back
>when, but could use some schematics or instructions so we can build a
>couple in class! The easier the procedure, the better!

Radio Shack sells a crystal AM radio kit for $6.99. It doesn't get
any easier than that. :)

1428. Help FT530 for 9k6 Mods.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: py3dzz@lec-bbs.pu3akm.ampr.ORG
Message-ID: <55341@LEC-bbs.ampr.org>
Source record: 212965

Hello!

Y need modifications for FT530 in 9600 Baunds.
Please send a mail for: PY3DZZ@LEC-BBS.PSICO.UFRGS.BR

Tanks in advanced!

73/s Claudio

73. Claudio

Mailbox : PY3DZZ @ PY3DZZ.RS.BRA.SA
AMPRNet : py3dzz@py3dzz.ampr.org

1429. Re: Ever Been a CB repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810093393.17139@pinetree.microserve.com>
Source record: 212966

In article <charles1DEAxtv.15A@netcom.com>,
charles1@netcom.com (charles copeland) wrote:
>Have there ever been CB repeaters? If not, why not?

The FCC doesn't allow it.

1430. Re: What good is 6 Meters?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: jds@neptune.net
Message-ID: <42b1vn$obh@neptune.neptune.net>
Source record: 212967

In <orbelld-3008951615150001@204.41.1.203> orbelld@pcbe.edu.on.ca (David Orbell) writes:

> My interest in 6m is growing.....thought I'd throw out a few questions
>going through my mind.

yeah, it's addicting... be careful!-)

> Is a multi mode 6M rig worth the expense(when I don't have an HF rig
>that will take a 6M model) or do most just work FM?

I've started on FM, and had a very good time with it. A 6m FM-only will be
less expensive than an all-mode.

>Do most just work simplex, or work repeaters?

Well, I started with my Motorola Mitrek that I converted to 6m operation
mostly by retuning it (I still have to change the capacitors in the
pre-scaler, so it's still a little deaf). If you get the manual, there
are many "VHF Low Band" commercial radios available used for good prices
that are easy to convert (relatively ;-).

The Mitrek only does one channel (52.525 MHz FM) simplex, and that's
been fine. Worked as far as Montana from So Cal this past summer!

6m can be useful on repeaters, since (around here at least) intermod
is less of a problem.

>Do operaters on 6M have problems causing interference on the TV
>frequencies?(I've heard that used to be a problem)

Still is. Cable TV helps, but I still clobber my wife's TV downstairs, though
the TV next to the rig is fine (we'll be swapping them...;-).

You can avoid it completely by operating mobile. I have worked Oregon while
mobile, so don't let anyone tell you mobile won't do DX! (Also, that Montana
station was mobile...;-)

>Why do many 6M Rigs only operate on 10 watts?

Mostly TVI, I bet. There are lots of (older) rigs that do 100W. Also,
many of the new HF+6m allmodes do 100W on 6m (I think the Icom 736 does,
and I know the JST-245 does).

>I probably can't afford to get into 6M right away, but research dosen't
>cost too much!

Do two things:

Get: "Six Meters, The Magic Band" from Worldradio Books in Sacramento California. Just do it. It's worth far more than you will pay for it (which is something like US$12 !!!-).

Start looking for used 6m equipment. Most will be in fine shape. I found a Drake TR-6 (100W CW/AM/SSB) for "cheap" at a local swap recently. I can happen to you if you are prepared...

>Dave VE3RRN
>Lakefield, Ontario

Good luck and just get on the band!!!

73!

jeff stai, ke6knf
Advanced Radio Workshop
jds@advradio.com

1431. looking for cheap, BRICK 2m HT!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: Steve Miller KE6GPS <smiller@w6bhz.calpoly.edu>
Message-ID: <42b5fc$nlm@isnews.csc.calpoly.edu>
Source record: 212968

Well folks.. I'm in the market for a cool, 1970's good ol' BRICK handheld! If anyone's got one they might sell, drop me a line.. danka shen!

Steve Miller KE6GPS
http://w6bhz.calpoly.edu/~smiller
smiller@w6bhz.calpoly.edu

1432. Need MOD For Kenwood Tm-451A/E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: katti@pcuf.fi
Message-ID: <42c7ob$uru@vekkula.pcuf.fi>
Source record: 212969

If someone have a modification to kenwood TM-451A/E can he send it to me via email. Thanks in advance
73's de Harri

1433. Re: Found Radio in Road

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: Ken Knapp <kknapp@epix.net>
Message-ID: <Pine.SUN.3.91.950903083845.28871B-100000@peach.epix.net>
Source record: 212970

REALLY! Gee, was my wallet there with it?

:)

Ken

1434. Ham Radio Test Simulators - Mac

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-0309950824460001@wd1v.mv.com>
Source record: 212971

FREE - NEW Macintosh HAM TEST SIMULATORS

Studying for a ham test and have access to an Mac?

Upgrade Fast! Simulate the test and get S T I M U L A T E D!

Scores of 90% or > even get applause!

The new Macintosh Ham Test Simulators are HERE (and there if you can FTP)!

o Novice Ham Test 5.0 SA.sea
o Technician Ham Test 5.0 SA.sea
o General Ham Test 5.0 SA.sea
o Advanced Ham Test 5.1 SA.sea
o Extra Ham Test 5.0 SA.sea

The latest version "5" feature:

HyperCard 2.3 as a stand-alone application (SA) eliminating
your need to have HyperCard. All you need is a Mac with 4
Meg of memory and version System 7 or greater.

Each version "5" Ham Test Simulator has the latest questions
as prepared by the Question Pool Committee.

Each version "5" Ham Test Simulator is FREE OF CHARGE and work the
same way as the originals did (written by Diana, KC1SP).

You may obtain a version "5" Ham Test Simulator by mailing me a *FORMATTED
disk (1 per test) and include a Self Addressed and Stamped disk mailer for
the return.

Each version "5" Ham Test Simulator is also bundled with a shareware CW
program called MacMorse 1.4 written by Doug, WB0EON.

Also included in the version "5" collection are text files that relate an
interesting variety of ideas about the best way to study CW and prepare
for tests.

Or warm your phone line and get JUST the tests:

America On Line - Macintosh Ham Radio Section

or:

ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/AdvancedHamTest.sea.bin
(Aug 30th)
ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/ExtraHamTest.sea.bin
ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/GeneralHamTest.sea.bin

ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/NoviceHamTest.sea.bin
ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/TechnicianHamTest.sea.bin

Your comments and suggestions for future versions are always welcome. Stay
in touch
and good luck with YOUR next test!

73,

\/
John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive America On Line: jseney@aol.com
Manchester, NH 03103-6150 AX.25 Pkt: wd1v@wb1dsw.nh.usa.na
(H) 603-668-1096 Ampernet: wd1v@wd1v.ampr.org
\/
LeCroy Sales Engineering - Maine, New Hampshire, and Northeastern
Massachusetts
(O) 800-553-2769 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

All opinions are my own, including Digital Storage Scope.FAQ

To obtain the latest copy automatically, simply send me an EMAIL
with "subscribe scope.faq" in the subject field.
\/

1435. Re: X-tals supply house other then Jan Crystal ????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: milcom@netcom.com
Message-ID: <milcomDEB0A9.667@netcom.com>
Source record: 212972

In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com> wrote:
>I have a radio that needs a crystal. I had a very good and quick supply house address
>and phone number but have lost it. Can anyone recommend a good quick supplier ??

there is also Frequency Management, east coast is 800-477-8852
west coast is 800-800-9825.
They do all land mobile, um-1 channel elements, and even the <8mhz 5th
overtone ovinized um-5 crystals. And if they screw it up they'll
replace it free of charge.

1436. Yaesu 51r vs Icom W31

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <42ca39$bq7@mars.earthlink.net>
Source record: 212973

I am thinking of purchasing one of the listed HT's. Any comments? how is audio on each? is the programable software for the 51R a good purchase?

andy

1437. NEED INFO on Alinco DR600

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: rwham@aol.com
Message-ID: <42cbd4$kgf@newsbf02.news.aol.com>
Source record: 212974

Does anyone know how to increase the time delay between keydown and first tone (its not long enough) when operating the Alinco DR-600 on (DTMF) DSQ? How about decreasing the DTMF sequence tone transmission rate (its too fast)? Thanks for any info.....Robert

1438. Re: Info needed on AN/VRC-18 Radio Set

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DEBz6J.5p9@eskimo.com>
Source record: 212975

In article <42bcn1$f28@ixnews6.ix.netcom.com>,
ke6tgn@ix.netcom.com (John B. Lawrence) wrote:
>Fair Radio sells the VRC-18 set. It consists of an RT-68/GRC
>transceiver, R-110 Reciever, PP-112 & 282 24VDC power supplies, mic,
>two headsets, speaker, mast base, antenna, cables, manuals, etc.Is it a
>good system? They stste it has been Government Reconditioned.
>
>According to the item description in the catalog it is continuosly
>tuneable or in 100khz steps frpm 38 - 54.9mhz. Is the transceiver
>section (RT-68/GRC) continuosly tunable? I'm looking fo a good, cheap
>and rugged rig to get on 6m with. They sell the set for $250.00 plus
>shipping.
>
>They also sell just the RT-68/GRC (used--not reconditioned) transceiver
>for $75.00 (may be better deal in the long run considering shipping
>weight is only 42lbs. on the RT and 185lbs. for the set??? [I live in
>CA]).
>
>Any opinions/problems/suggestions?
>
>Thanks!!
>
>John
>KE6TGN
Here's a couple of questions I'd as Fair Radio:

1. Does it do FM?
2. If so, does it do split? If not, it's no good for repeaters.
3. What deviation? If it's too high on transmit, you can turn the mike gain down, but if it's too high on receive (i.f. bandwidth) you're stuck.
3. If it does SSB (not likely), how stable is the vfo?
4. If it doesn't do either of the above, that only leaves you with AM, which will work, but you're really asking for TVI problems on six with AM if you're in a channel 2 area.

The net result is that if it's an FM-only rig (most likely), you'd be better off for the price with an Azden or similar rig designed for ham radio. They're a little more than $250, but in the long run, I think you'd be happier. And they only weigh a pound or two, not 185!!

Good luck.

73, Bill W7LZP
wrt@eskimo.com

1439. WANTED: Any info on pirate radio station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <9509030728046405@saloon.bcbbs.net>
Source record: 212976

```
L>I'd like to start my own pirate radio station.
L>What equip. do I use, or need.
L>Any info would be very appreciated.
```

I have a RAMSEY FM-10A that works not too bad. Panaxis has a better one
out. There's also a pirate radio newsgroup, alt.radio.pirate, that you
can check into.

□
□ Clinton Peebles VE7-KNL □
□ SYSOP - Salmon Siding Saloon BBS - 604-357-9942 □
□ Internet: Clinton.Peebles@saloon.bcbbs.net □
□ Packet Radio: VE7KNL@VE7CW.#SEBC.BC.CAN.NOAM □
□

□ QMPro 1.53 □ My Twit Filter just put me on its Twit List!

1440. TM-742A Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <9509030728046406@saloon.bcbbs.net>
Source record: 212977

>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.

I have a TM742A and have no complaints about it at all. I haven't added
the 3rd band, and at this point doubt if I will.

1441. SUPER SMALL RADIO CONTROL SYSTEMS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: MICHELS BERTRAND <72451.243@CompuServe.COM>
Message-ID: <42cgd2$l3m$2@mhadg.production.compuserve.com>
Source record: 212978
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I al building SUPER SMALL RADIOCONTROL ELECTRIC AIRPLANES (bellow 4 oz, with 3 proportional chanels). My latest airplane weight 3 oz 1/2, use 4 cells Ni-CD 110 mA, a FM 4 chanel proportional Receiver (6 grammes), 2 servos of 6 grammes (hand built in the USA), and a 3 grammes Electronic throttle (German)... all this is MUCH smaller then the CANNON RC System.

I am trying to built now a 2 oz Electric airplane, and for this I need even smaller RC systems, runing under less than 5 volts.

Do you know somebody manufacturing :

- SUPER SUPER small RC Systems (Using servos or actuators, but in all cases PROPORTIONAL)
- SUPER SMALL Electric DC motors with resonable efficiency under 1 or 2 Cells (1 to 2 volts !!). Some Micro COBALT ??

1442. Kenwood TK series Land Mobile Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: jschwart@ix.netcom.com
Message-ID: <42cja0$3ne@ixnews5.ix.netcom.com>
Source record: 212979

I'm looking for some information on Kenwood TK-701 S-1 and TK-801 S-1 16 channel commercial radios. Specifically, I have the following questions:

1. What is the range of frequencies that either model's synthesizers will allow programming and will lock?

2. Phase modulation or frequency modulation?

3. Power output?

4. These are prom programmable. Is the programming software available? (I'll have the prom burner)

5. Suitable for high speed data (9600 baud packet)?

6. Suitable for point to point linking?

7. Anyone got a manual for either/both available for review or purchase?

Thanks in advance for the help. E-mail responses to jschwart@ix.netcom.com.

John
N0GII

1443. Heathkit ss-9000

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: ccarlisl@airmail.net
Message-ID: <ccarlisl-0309951219560001@dal03-11.ppp.iadfw.net>
Source record: 212980

Does anyone have have an opinion on what a good price would be for an
SS-9000 HF rig. The radio is in mint condition ?

--
"Never confuse style with intent"

1444. FS: Motorola VHF Micor radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: lelandh105@aol.com
Message-ID: <42cp0t$nm4@newsbf02.news.aol.com>
Source record: 212981

For Sale: Motorola Micor mobile radios

Brief description:

These are 110 watt Motorola Micor mobile radio systems, 12 channels, made to be mounted in the trunk with a remote control head, speaker and mic in the front of the
vehicle.

They are available bare radio alone, or with the control cable, head, mic, speaker, scanner head, and CTCSS select head.

They are in the 150.8 162.0 Mhz. band segment. They can be converted to Amateur 2 meter radio use by changing crystals and a little tuning.

Asking $50 each, including accessories, you pay shipping. Discounts for large volumes are possible.

For further info please e-mail lelandh105@aol.com

1445. Re: Out of band RX on FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: ANDREW JENTIS <andrewj@earthlink.net>
Message-ID: <42c9su$bq7@mars.earthlink.net>
Source record: 212982

please let me know if the receive mod using the software works. will
it receive up to 512 mhz and how to change the software? andy n6xkn

1446. TS 440 advice on L3 (IF board)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <11092.810161310@safety.ics.uci.edu>
Source record: 212983

I reinstalled my IRCI 2.1 kHz filter in the 455 kHz line and found that my S meter read much lower than before. (It tracked my 940 pretty well before, was now way down from that.) Can't figure out why the change, only removed the IF board and soldered in the 455 kHz filter, but there it was.

Anyway, I went to my Kenwood service manual to realign the S meter as best as I could, no instruments here. I reset zero, and reset the S9 adjustment to track the 940 meter, but they also have you set L3 (coupling the IF line between 8.8 MHz IF and 455 kHz IF) for "S1" . I found that the slug in my L3 was almost falling out of the can for some reason, though it seems tight as far as screwing it in and out. Can't figure that one out, but, I screwed the slug back in to see how it affected things, and it seems to affect the gain in the IF line. I screwed it way down in and got a lot more gain, of course the S meter read higher now. I reset the other adjustments VR1 and VR2 for similar readings to my 940. No big deal on accuracy here, I know I can't expect much.

However, my big question is: anyone have a 440 and can you tell me where the slug seems to be in your L3 on the IF board? (Just above the SSB optional filter slot). Also, any technicians know how important this adjustment is? Am I cranking up the gain too much by tightening this transformer without the proper instruments? (Should get "S1" for an RF signal on 20 meters in USB of 8db/u.)

Any help?

Clark
WA3JPG

1447. For sale: Kenwood TS450S/AT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: almach5@intac.com
Message-ID: <42d4pg$b6b@uucp.intac.com>
Source record: 212984

[No readable article body recovered]

1448. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <42d5nk$r3a@newsbf02.news.aol.com>
Source record: 212985

In article <42bbnd$m9f@ixnews2.ix.netcom.com>, jdb99@ix.netcom.com (jdb)
writes:

>We do not sell Amateur Radio equipment capable of transmitting
> to anyone who does not hold a valid Amateur Radio License.
>
>We were sued by two people who wanted to buy 440 HT's....They
>lost.
>I don't know which court that person won in, but I assure
>you have no legal rights (except for equal housing laws) that can force
>anyone to sell anything to you if they do not want to....
>
Good policy, I like it. This doesn't come without a "but" however. I
don't disagree with the stores policy, I just wonder what would happen if
Mrs. X (unlicensed) comes in to buy a goodie for Mr. X. (wa4***). Lost
sale? As far as the courts go, I would be willing to bet the house that
if a "Native American, Afro-hispanic - transgendered lesbian " strolled in
the store and was refused a sale, he, she or it and the planeload of
lawyers would end up owning the store, your house, your car, and other
things you don't even poses yet. Scary thought.

1449. cat interface pgm for yaesu frg9600

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: ekeib@aol.com
Message-ID: <42d60s$r5g@newsbf02.news.aol.com>
Source record: 212986

does anyone have programs that will run an frg 9600 receiver with the
fif232c
converter ?

1450. Re: WANTED: Any info on pirat

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <42d7a2$qjb@vivanews.vivanet.com>
Source record: 212987

Clint Bradford (clint.bradford@woodybbs.com) wrote:
: Subject: WANTED: Any info on pirate radio station

: >>I'd like to start my own pirate radio station.
: >>What equip. do I use, or need.
: >>Any info would be very appreciated.
: >>Chad Mears

: Contact this group in writing:

: Federal Communications Commission
: Washington, DC 20554

: Be sure that your correspondence clearly identifies how the FCC may
: reach you for further information, and that the matter you are addressing
: is understandable and accurate.

You also forgot to mention that the original poster should specify
the frequencies and broadcast schedule that he wishes to use, so that
the FCC can evaluate the quality of his transmissions.

Rich Mulvey, N2VDS Rochester, NY USA
mulveyr@vivanet.com
n2vds@net.wb2psi.ampr.org
n2vds@wb2psi.#wny.ny.us

1451. ACC source code?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: "Alan K. Adamson" <ne1h>
Message-ID: <42d78m$qu8@wa4mei.radio.org>
Source record: 212988

Help,

I need the site for the ACC source, Can someone post it.

Thanks,
Alan Adamson
NE1H
ne1h@tornado.ne1h.radio.org

1452. Re: 2m/70cm Handheld Reccomendations ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: tgliang@eskimo.com
Message-ID: <DECouJ.LKA@eskimo.com>
Source record: 212989

In article <422duf$4fr@wdl1.wdl.loral.com>, hgs@wdl1.wdl.loral.com says...
>
>David M. Comer wrote:
>
>..looking to purchase an 2m/70cm handheld.
>
>To which Walt Johnson replied:
>
>> ... My rationale [for getting a W31]:
>>
>>1) ... lighted keypad
>>2)□□□ ... fifty memories for each band
>>3) ... keypad
>>4) ... accessories
>
>I got a 31 for the same reasons as Walt (I don't know him, he works
>for another division of Loral).
>
>I also got a IC-2341H for use as a local repeater in the parking lot
>outside of our building. The building has this mylar on the windows
>and blocks most of the radio signals (but not the heat during the
>summer) :-(Having this combo allows me to talk to my wife who works
>about 25 miles away. We're both using a repeater 1/2 way in between.
>
>I have really come to love the 31. It's been in the seat of my dirt
>bike (wrapped in a towel and plastic baggie), with the ICOM heaset
>mike (don't remember the model number). It's also been on the back
>of my bicycle, with it's rubber duckie antenna. This last one got
>us out of a jamb, when we were lost on a camping trip. My wife was
>able to talk us back into camp, using tall ridges/trees.
>
>It's been used by the local sherrif when we were camping and there
>were some kids lost, (he's studying to become a ham too now).
>
>It had the mods done for out-of-band receive (haven't done the
>transmit yet). Can receive 50Mhz - 700.95Mhz.
>
>It's pretty easy to use, and seems to fit the bill just fine.
>
>+===+
>| hgs@wdl.loral.com (KB6VMQ) | Happily married with 2 Kids! -+-|
>| Loral doesn't have a single | A newbie Quinnatic (DQMW) | |

>| thing to do with my opinions. | HAM, Dirtbikes, Kids, Camping | |
>| ...you mean this isn't working? | K-LOVE - 100.9/99.3/91.9 FM |
>+---------+---------+
>
>I bought an ICOM IC-W2A dual band. It works according to specifications, but the buttons prove too small for my fingers. It was my first handheld. Now I know better!

1453. Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DECADw.E8F@world.std.com>
Source record: 212990

jdb99@ix.netcom.com (jdb) sed:

:> I used to be a 50% owner of a Ham Radio store in Tennessee.
:>We had a clearly posted store policy that was in plain sight.
^^^^^^^^^^^^
:>it was simple...

:>..We do not sell Amateur Radio equipment capable of transmitting
:> to anyone who does not hold a valid Amateur Radio License.

No offense to you personally but it was a pretty stupid rule (my opinion) business-wise. Hmmmm...I see you are now a FORMER 50% owner. Your KEYWORD (above) is "store policy."

I would have just taken my business to another dealer. One of the only things people were buying in your store was CONVENIENCE anyway...cuz you happened to be right there.

:> Now we did not go so far as to say you cannot but a 2M FM rig
:>because you only have a Novice ticket..No..If you held a license you
:>could buy anything in the store...no license...receiving gear only.
:>We were sued by two people who wanted to buy 440 HT's....They
:>lost.

:>I don't know which court that person won in, but I assure
:>you have no legal rights (except for equal housing laws) that can force
:>anyone to sell anything to you if they do not want to....

There ARE free-trade laws that stand in favor of the consumer. One DOES NOT have to have a license in order to purchase transmitting equipment.

One does not have to have a license in order to purchase an automobile. Nor does one have to have a license in order to purchase fishing equipment.

The only time the law would be violated is when the person who bought the equipment used that equipment in a manner that the license was required for to begin with. You know, fishing with no license (if one was required)...driving without a license...transmitting without a license.

Temptation is not a crime.

If there is NO law stating that a person must be licensed in order to purchase a transmitter...then there are no legal grounds for refusing to sell. (I'm not an attorney....just using common sense...and I sell amateur equipment to unlicensed individuals all the time.)

Cheers!

```
-------------------------------------------------------------
|Jim Martin, WK1V | I speak for no one...Not |
|Lowell, Massachusetts | even for myself! |
|USAF (Ret)ained | #include "std_disclaimer.h" |
|ex: KA5MWD/N1CLS/KB1LW/HL9ZF | Intentionally Left Blank |
-------------------------------------------------------------
```

1454. HTX100 schem or transverter mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1995Sep3.170708.359@nad.com>
Source record: 212991
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Hi,
Does anyone have a schematic for the Radio Shack HTX100 10 meter rig,
or has anyone added seperate low-level transmit and recieve?
I'd like to use mine for a 28mhz tunable if for a DEM 432 mhz IF transverter.

Thanks,
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

1455. Comments about Rapid Chargers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: Larry_Flader@mindlink.bc.ca
Message-ID: <Larry_Flader.7.3049348C@mindlink.bc.ca>
Source record: 212992

Hello. I was wondering if anyone has any comments about rapid chargers? Are they good/bad for batteries etc.

Thx . VE7YAF

1456. Yeasu FT-8500 Mods anyone?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: Robert D Houghton <rhought@cello.gina.calstate.edu>
Message-ID: <42b90l$j6e@cello.gina.calstate.edu>
Source record: 212993

Just purchased a new Yeasu FT-8500 dual band mobile. Lots of menu
programmable features. There *must* be wonderful undocumented features.
Have any of you discovered any or can you point me to a FAQ or mod file.
I checked the mod files at oak.oakland.edu but there is no file yet for
this tranceiver.

++++++++++++++++++++++++++++++	++
	AMSAT member #26148
Robert D. Houghton	digital satellites: KC6LVG@PACSAT
Science Department Chairman	Packet radio: kc6lvg@k6unq.#cas.na
John A. Rowland High School	Other internet:
Rowland Heights, CA 91748	kc6lvg@amsat.org
	rdhoughton@vms4.sci.csupomona.edu
++++++++++++++++++++++++++++++	++

1457. WANTED: Mobile Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: laraxsoft@aol.com
Message-ID: <42blnk$i45@newsbf02.news.aol.com>
Source record: 212994

Mobile amp wanted for HF (2-30mhz) operation. Must be solid state and run on 12V. Please respond to Hal, woffutt@netaxis.com or Larry, laraxsoft@aol.com

1458. Building Transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: dna@fn1.freenet.edmonton.ab.ca
Message-ID: <42bmn3$gi@news.sas.ab.ca>
Source record: 212995

Does anyone out there have any plans for building a low cost shortwave transmitter? If you do, please email it to...

Darren email: dna@freenet.edmonton.ab.ca

--

1459. Kenwood TS450S/AT for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: almach5@intac.com
Message-ID: <42ddim$g10@uucp.intac.com>
Source record: 212996

FS: Kenwood TS450S/AT

Kenwood TS450S/AT all mode (am, fm, cw, ssb, fsk), HF (all HF bands, including
all WARC bands) rig for sale. Perfect/mint condition- no stains, scratches, dents, etc. Standard
features and accessories include:
built in antenna tuner, up/down microphone, manual, original box. The radio has 100 memories,
split frequency ability, IF shift, notch filter, QSK cw breakin, VOX control, variable power output,
dual digital VFO, fast/slow AGC, speech processor, and more. I would like to get
$985 for it or best offer. Please email almach5 if you are interested. Thanks....
73! Alan

1460. Re: TH-79A special functions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <42der8lub2@mhadf.production.compuserve.com>
Source record: 212997

And what do the secret codes for the Alinco G5 do?

-Jeff

1461. Re: WANTED: Any info on pirate radio station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: jdb99@ix.netcom.com
Message-ID: <42ddg9$7gn@ixnews6.ix.netcom.com>
Source record: 212998

In <9509030728046405@saloon.bcbbs.net> clinton.peebles@saloon.bcbbs.net (Clinton Peebles) writes:

>
>
>L>I'd like to start my own pirate radio station.
>L>What equip. do I use, or need.
>L>Any info would be very appreciated.
>
>I have a RAMSEY FM-10A that works not too bad. Panaxis has a better
>one out. There's also a pirate radio newsgroup, alt.radio.pirate,
>that you can check into.
>

If you have a Nomex suit, I suggest you find it and put it on...
As I would imagine you can look forward to being flamed beyond belief.....

N4DDS

1462. Need Mods TM733e Kenwood

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: rvl@saluton.iaf.nl
Message-ID: <a8b_9509031052@saluton.iaf.nl>
Source record: 212999

Hello All!

Is there someone who have mods from the TM733e from Kenwood , and special for
the 9600 baud from this dual band transceiver.

Greetings PA3AIO,Ron

Rvl@SALUTON.IAF.NL

Greetings from the Netherlands,

Ron

1463. Re: HELP: Heatkit Parts' Informations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: rsmits@ham.island.net
Message-ID: <090395213205Rnf0.79b6@ham.island.net>
Source record: 213000

wasmir@dlep1.itg.ti.com (Wasmir Robeves) writes:

>Hello. We are looking for informations regarding the following parts for one of
>my friends' radio:
>
> Heatkit Part No. Manufacturer Mfg. Part No
>1. RL1 PN-69-40 Potter & Brumfield MH8054-1
>2. RL2 PN-69-17 Potter & Brumfield MH1097-1
>3. T1 #54-182 (Power Transformer)
>
>*** Part Nos. 1 and 2 are for Heatkit Model SB-401 Transmitter
>*** Part No. 3 is for Heatkit Model SB-620 Scanalyzer
>
>We wish to know where we can purchase those listed above and if
>you can provide the price will be great.
>

Here's a phone number that appeared on the net for Heathkit Parts....

The Heathkit parts number is 616-925-5899.

And here's an address...

Heath Replacement Parts
455 Riverview Drive
Benton Harbor, MI 49022

--
rsmits@ham.island.net (Robert Smits, VE7HS)

1464. Re: DJ580T mod question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-03 00:00:00 UTC
From: wb6siv@lightside.com
Message-ID: <wb6siv-0309952255520001@user32.lightside.com>
Source record: 213001
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

In article <428df5$f7r@ixnews5.ix.netcom.com>, travisp@ix.netcom.com
(Gerald Phillips) wrote:

> I am atempting to do the extended receive mod. on my DJ580T. I know
> that you are supposed to cut the red wire, but I want to make sure
> which wire you cut. With the unit's display facing up and the bottom
> removed you can see a "red" loop wire that is about the same size as
> the blue one, and then there is a small "orange/red" wire at the top.
> I believe I cut the larger loop which is red and not the smaller loop
> that is orange/red. If anyone can clear this up for me I would greatly
> appreciate it. Thanks and 73.
>
> KE4MBD - Travis

Hi Travis, I sale a book by Artsci "Radio and Tech Mods and Alignments",
(discounted to $17.95) at my web ham store at
http://www.csz.com/sarrio.html. The book shows with diagrams how to expand
the DJ-580t's TX to 130-175 MHZ&410-470 MHz, also RX for Aircraft Band and
800 MHz. The book says cut hte Blue wire for expanded TX and the RED wire
For aircraft and 800 MHz The book doesn't mention an orange wire. Hope
this helps, 73's Ray

--
Ray Sarrio Co.
http://www.csz.com/sarrio.html

1465. 4 Sale: National HR05TA1 and Hammarland HQ140-AX

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: Wilmoth@Primenet.com
Message-ID: <42dgd2$d08@nnrp3.primenet.com>
Source record: 212903
Cross-posted to: rec.antiques.radio+phono,rec.ham-radio,rec.ham-radio.packet,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.equipmenet,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.swap,rec.radio.swap

National brand ham Receiver: HRO5TA1
---
50 khz to 30 Mhz

1940's Circa.

Excellent condition complete with all 9 plug in tuning coil sets, original speaker and power supply (both external) owners manual

Hammarlund ham Receiver: HQ140-AX

All Band

1960's Circa.

Excellent Condition. Missing External Speaker and Owner Manual.

Make offer on either or both radios if interested.

1466. FS: Icom IC-901A 2m/440 dual band radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: big-one@vt.edu
Message-ID: <42dcn0$hhj@solaris.cc.vt.edu>
Source record: 212904

Icom IC-901A 2m/440 dual band radio

This is the Icom model the features a remote face so it is easy to mount in a car. You attach a single cable to the radio. On the radio, you have connections for:

2 speakers (main and sub channels)
Mic
440 antenna (N-connector)
2m antenna (PL-259 connector)
12V power

I am included a hand-held DTMF mic with up/down control.

PL encode/decode on both bands

This radio does it all. 2 VFO's for 2m/440 simitanious display. (you can use 2 speakers, one for 2m and one for 440, or hook up a signle speaker for both) 20 memory channels, lighted buttons/display, every setting can be configured, etc.

This radio is in beatiful condition, and never used in a car (I used it in my shack with a 12V PS)

Debts are piling up and I have to sell off my shack. Please make me any offer.

Please make me any offers or questions via email. I do not get a chance to read this newsgroup too often. Thanks!

Ken, KD4FJR

1467. HELP: Heatkit Parts' Informations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: wasmir@dlep1.itg.ti.com
Message-ID: <wasmir.83.00255862@dlep1.itg.ti.com>
Source record: 212905

Hello. We are looking for informations regarding the following parts for one of my friends' radio:

Heatkit Part No. Manufacturer Mfg. Part No
1. RL1 PN-69-40 Potter & Brumfield MH8054-1
2. RL2 PN-69-17 Potter & Brumfield MH1097-1
3. T1 #54-182 (Power Transformer)

*** Part Nos. 1 and 2 are for Heatkit Model SB-401 Transmitter
*** Part No. 3 is for Heatkit Model SB-620 Scanalyzer

We wish to know where we can purchase those listed above and if you can provide the price will be great.

Thanks in advance and Mabuhay from Philippines.

de DU2BBH (Wasmir Robeves)

1468. Re: Drake TR-33c?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <42dmff$gic@cc.iu.net>
Source record: 212906

In <41vvum$g4s@detroit.freenet.org>, am024@detroit.freenet.org (Robert Thomas Jackson) writes:
>
>I have an oppurtunty to purchase a Drake Tr-33c. I know it's 2
>meter, but is it FM or SSB/CW? or both? The kid selling it has NO

FM voice transceiver.

>idea what it does. Give me some info! Power, modes, controls?

(wondering if it's just a tad warm...)

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

1469. Re: TM-742A Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: dpsmith@eskimo.com
Message-ID: <DED0r5.Aq8@eskimo.com>
Source record: 212907

In article <DE3yp0.B7J@ridgecrest.ca.us>,
<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>

Problems !!! I have had four problems with my new (2 year old) TM-742A :

I have the 220 optional band inserted into my band.

1) Shortly after the 220 option was inserted, I was getting a problem
similar to a cold solder response. Initially, when I turned on the
radio, the 220 band would not transmit when I keyed up the repeater.
At least the radio display didn't indicate it was tramsmitting via
the signal bars on the LCD lighting up, nor did I get any audio
back from the repeater I was accessing. But, as the rig started
to warm up, everything seemed to work properly. I lived with this
for awhile, then it got to be too much of a burden. I sent it to
the Kenwood Service Center and got this problem repaired.
2) When it came back, I experienced another problem immediately. Seems
each band would hold 25 frequencies per band just fine. When I put
in any more per band, phantom indicators would start to appear on the
display, even though that particular feature wasn't activated.
Symptoms were reminiscent of a loose CPU chip. This problem, too,
was fixed by the service center.
3) In unplugging the 8-pin mic and plugging in the 8-pin packet adapter
plug, after awhile the small plastic piece on top breaks off of the
mike jack, rendering the microphone useless. You can either go to
Radio Shack and buy the replacement jack adapter, or give the 1-800
parts number and get a replacement microphone (Part # KT-91-0397-05)
for around $ 85.00.
4) I dropped the removable display on the ground one day (accidentally)
after which time I found out that the display became garbled on the
220 side and the 2 meter middle. I do find that even though the
display is garbled, the radio is allowed to transmit on the band.
I just have to use my imagination on the frequency I program into
the 220 and 2m side of the unit, as it is displayed in a foreign
language. I resort to an external Frequency Counter to help me
tune in my transmitter/receiver pairs, currently.

The first two problems were replaced via a warranty repair during the
first year. The third problem, fixed by myself. The fourth one still
an issue.

Despite these problems, the radio is a dependable unit. It drives a 13-element Yagi with 50 watts just fine. I am able to bring up repeaters 200 miles away easily.

Hope this helps,
Dave KB7PSN

1470. transformer help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: antenna@ix.netcom.com
Message-ID: <42e116$6ja@ixnews7.ix.netcom.com>
Source record: 212908

I have a ft 101 b that went up in smoke , the transformer fryed . Is there a place that rewinds them ? Does someone have a replacement that they wish to part with. Tnx in advance.

73 de Bob N3LSS

1471. FS: Standard C168A 2m Mini-Handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: PAEX68A@prodigy.com
Message-ID: <42e2ie$19re@usenetp1.news.prodigy.com>
Source record: 212909

For Sale: Nearly New Standard C168A Mini-Handheld 2m Transceiver. Mini size with all features; CTCSS, Paging, DTMP. All accessories; Case, Charger,
Quick Charger, Car Adaptor. Retail Price: $525 Asking: $400. E-Mail me directly if interested. Serious inquiries Only Please. Tom KB7ZBU at PAEX68A@Prodigy.com

1472. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <42e4ce$1tu0@usenetw1.news.prodigy.com>
Source record: 212910

As far as the courts go, I would be willing to bet the house that
>if a "Native American, Afro-hispanic - transgendered lesbian " strolled
in
>the store and was refused a sale, he, she or it and the planeload of
>lawyers would end up owning the store, your house, your car, and other
>things you don't even poses yet. Scary thought.

How right you are! Of course, if it was an able-bodied, white male, the
case would be thrown out of court immediately.

-Drew in Charlotte-

1473. Re: Comments about Rapid Chargers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <42e2q1$76e@newsbf02.news.aol.com>
Source record: 212911

In article <Larry_Flader.7.3049348C@mindlink.bc.ca>,
Larry_Flader@mindlink.bc.ca (Larry Flader) writes:

>Hello. I was wondering if anyone has any comments about rapid chargers?
Are
>they good/bad for batteries etc.

Greetings Larry. Why yes I do! I would not own a hand held tranciever
without a rapid charger. I have VERY clear memories of dead battery
packs, and having to wait 14-15 hours for it to charge up again. Major
frustration. Very clear memories. I have the Icom line up, 2at, 3at,
04at, and I have discarded every 14hr charge battery pack I had.

As far as your question about being good/bad, I guess it all depends on
the charger. I haven't heard any horror stories about chargers used for
Amateur radio equipment, but surely somebody has a bad experiance.
Anyway, If the charger is properly designed, and has some kind of fault
protection, then it shouldn't be bad for the battery. There is just to
much information, theory, and mythology about NiCad battery charging to
go into here, but I'll pass along my limited and hopefully not too wrong
knowledge, and no doubt if I'm wrong, I will be corrected. The two main
methods (that I believe) of measuring battery charge are 1, cell
temperature rise above ambiant, and 2, rate-of-change of cell terminal
voltage vs: time and slope change. The terminal voltage will actually go
down when the cell being charged the cell approaches its "full" state.
Each method has it's own advantages and dis-advantages, like anything
else. Charging batteries (a combination of cells) presents addtional
problems too. Charging a single cell is easy. I reccomend you get a
couple of sources of information. See if you can latch on to a data book
from MAXIM. They make all kind of IC's for battery chargers, among other
things, and I think CQ magazine, or more likely (a recent issue of) QST
has had a couple of fair to midlin articles on this subject. Like me, you
will probably learn more about battery chargers than you ever wanted to
know, and certainly more than you need to know. Also, keep your eyes open
for posts from Gary Coffman (??). He responds to these kind of questions
more than I do, and from what I have read, he probably forgot more about
this subject than I know.

Oh yeah, one thing you almost never see mentioned in battery stories, is
the relative capacity of NiCad batteries as compared to alkalines. They
suck, relatively. If you see the need for operating for extended periods
with out the posibility or re-charging, make sure you have an ample
supply, of alkalines and a suitable battery case. Alkalines have about 4
to 5 times the energy capcity (in Joules / Kg-m^3, WattHours/ pound,
AmpHours/ stone-inch^3, whatever) as compared to regular garden variety

NiCads. But!, there is always a but, NiCads can supply more short circuit current than a comparably sized Alkaline due to their lower internal resistance. I don't know about Lithium as compared to Alkaline batteries other than they cost a bunch more.

Before I get beat up too bad, yes there are other methods of measuring cell charge, I know, but they get a little weird IMHO.

Hope I didn't bore you Larry. TTYL

Pat Tracy, KE1C

1474. Re: Ever Been a CB repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: smithj@innet.com
Message-ID: <42dush$k6f@lucky.innet.com>
Source record: 212912

In article <charles1DEAxtv.15A@netcom.com>,
charles1@netcom.com (charles copeland) wrote:
>Have there ever been CB repeaters? If not, why not?
>
Like he said, "The FCC...

I feel wordy, so let's blather on a bit...

The Class D (Citizens Band) Radio Service was conceived as a personal service, strictly local. I can remember when back in the 23 channel days there were specific channels set aside for business, personal, mobile-mobile, and mobile-base communications. The technical state of the art did not permit close-spaced input/output pairs in such a small freq spectrum, so no provisions were made for it.

Another factor in it was the occaisional skip conditions that occurred. With the Class D range and power limitations, a repeater would have produced widespread interference across a wide area when the band opened.

With the channel use restrictions, spectrum width, and intended use all taken into account, there simply was no reason to allow it, nor any purpose in allowing it.

If you needed the services of a repeater, you went to the commercial radio spectrum, or GMRS (at least I think the allowed repeaters there).

Hope this is a better answer...

Jim (I got my ticket in ~'78) Smith N8AVX

1475. WTB: Inexpensive 2-meter handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <42e3to$b9m@usenetw1.news.prodigy.com>
Source record: 212913

Greetings!

After many years of procrastination, I finally took my tests this past weekend and became a licensed ham (Tech-Plus) Now, I need a radio! I already have an HR 2510 for 10-meters (finally, I get to use this "ham radio" on the bands which it was "designed" for ;) but I need an inexpensive 2-meter handheld to get started on VHF. HTX-202 or comparable would be great. Nothing fancy, just a good, solid radio that I can get started with for cheap. Packet capability would be a plus as would driving distance from Charlotte (I've heard too many horror stories about dealing over the Net) Thanks!

-Drew in Charlotte-

1476. Re: Copper Electronics phone no?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: rr03@nyssa.swt.edu
Message-ID: <42emab$2bd@central.server.swt.edu>
Source record: 212914
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment,rec.radio.swap

In article <42clbh$k89@news.iii.net>, drgrant@kilrah.iii.net writes:
>fmdavis@bnr.ca (Fred Davis VA3FD) wrote:
>
>>Can someone please post the phone number for Copper Electronics?
>
>>Thanks in advance!
>
>>~~~~~~
>>Fred M. Davis VA3FD | These opinions mine
>>Nepean, ON. | fmdavis@bnr.ca
>>(Ottawa suburb) | fred.davis@nt.com
>>~~~~~~
>
>
>For the fiftieth time-
>
>Sales- 1-800-626-6343
>
>Service/shipping- 1-502-968-8500

Sounds like this one is a natural for the FAQ. Perhaps some other major
CB product vendors should be listed as well.

I hope the new CB FAQ editor is "listening"

Ryan Rudnicki
rr03@swt.edu

1477. Change WBFM to NBFM????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <42e92l$ra3@ixnews4.ix.netcom.com>
Source record: 212915
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

I may purchase a military surplus RT-68/GRC 38 - 54.9mhz FM transceiver. It uses wide-band FM. Any way to change it to narrow-band FM? If so, how? I plan to use it for 6m operation.

Thanks

John
KE6TGN

1478. **********INTRODUCTION**********

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: "C:DEMONSPOOLMAIL" <SALES@exports.bannold.com>
Message-ID: <361715680wnr@exports.bannold.com>
Source record: 212916

Bannold Communications Limited is proud to announce its arrival on INTERNET.

Staff at Bannold can be contacted by mailing "persons name"@bannold.com.
i.e. mick@bannold.com

WHO THE HELL ARE BANNOLD COMMUNICATIONS
and
WHY SHOULD YOU WANT TO CONTACT THEM?

Well, as Trio-Kenwood (UK)'s ONLY OFFICIAL EXPORT DISTRIBUTOR and with a higher turnover of KENWOOD product than any other Kenwood UK dealer, Bannold Communications is in the enviable position of being able to take advantage of volume discounts and offer TRADE PRICES to the General public.

OK Big Deal so you're cheap, but what about support?

Bannold Communications offer the same level of support as any other Kenwood distributor, Bannold
Communications provide full warranty backed by Trio-Kenwood (UK). Warranty claims are handled by
Bannold Communications, on their own premises by fully trained engineering staff with calibrated
test equipment.

Can you pop in for a cup of tea and a chat?

Bannold Communications are Primarily distributors, they move equipment in bulk to destinations
all over the world. The operation is geared to supplying communications solutions to the professional market. There are no Licensed Amateur's on the staff, there are no hospitality facilities.

Bannold Communications are fully authorised to sell and maintain Kenwood Communications equipment, they will advise on official modifications, updates and Official Kenwood engineering
bulletins.

Buying from Bannold means you get what you pay for, No cups of tea, No high street shops, No
hype, lies or exaggerations. You simply get the BEST products at the Keenest prices with FULL
warranty.

We are not trying to entice you away from your local supplier, I doubt that we could !
Its always better to buy from someone you know and trust, especially if they can discuss you
special needs over a hot cuppa.

BUT

If you are thinking of buying that rig on special offer in the mag, or you don't have a good
local dealer then Don't think twice and try us were sure you'll get a
better deal.

--
Sales@bannold.com
Bannold Communications Limited
The Old Granary
Westwick
Cambridge
CB4 5AR

1479. FALSE SWR reading on MFJ 962 TUNER ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: esrac@stack.urc.tue.nl
Message-ID: <42eg27$1c4@tuegate.tue.nl>
Source record: 212917

By accident I stumbled accross something strange with my MFJ 962 1.5 kW TUNER. The tuner has a cross needle indicator for FORWARD and REFLECTED power. When tuning an antenna for for minimum SWR the reflected power needle should dip at 0 Watt. This works just fine even when a random lenght of wire is used as a antenna.

Now what did I discover...?

Setup: TS850S <--> AL811A amplifier <--> YS60 SWR/POWER meter <--> MFJ 962

<--> 2 el. Cubical QUAD for 5 bands.

SWR measured with a SWR analyser from MFJ at the antenna showed 1.1:1 50 Ohm on 17 and 20 meters.

SWR on 15 meters was about 1.5:1

Watching the cross-needles of the MFJ I tuned the QUAD on 15 meters to 'no reflected power'. The SWR indicator on the TS850S showed about 1.7:1 .
Checking the SWR on the YS60 showed the same 1.7:1 !!!...??? Then I only watched the YS60 meter and tuned with the MFJ for minimum SWR on the YS60.
The SWR on the TS850 then also diped at 1.1:1.
The MFJ showed about 2:1 SWR. Tuning happened with 50 Watts. There was a pronounced DIP on the YS60 reading while the cross needle of the MFJ did NOT dip at all (it only dips at 0 reflected power)

I suspect that either the measuring circuitry of the MFJ is faulty or simply incorrect designed. I would appreciate any comments on my observations.

Best wishes and 73 de Aurelio pa3ezl/aa2wh
a.m.m.bellussi@stud.tue.nl or esrac@stack.urc.tue.nl

1480. HELP SAVE LIVES - Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: loco@iafrica.com
Message-ID: <42ejrl$ckk@grovel.iafrica.com>
Source record: 212918

Recently a friend of mine was seriously injured in a rock climbing accident as a result of not being able to communicate with his climbing partner. I have been aware of this problem for quite some time and have spent much time and effort trying to build some sort of short (100m) range radio communicators, but have had no real success as i am not an electronic engineer.

I'm sure most of you have seen the "radio headsets" scattered all over action movies. Do these exist ? where can they be found ? what kind of cost ? Do they work in unusual conditions ?

Any info would be appreciated

- simon

1481. Re: HELP ME PLEASE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep4.113529.25685@ke4zv.atl.ga.us>
Source record: 212919

In article <jgardnerDE393r.AuC@netcom.com> jgardner@netcom.com (Jerry Gardner) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>
>: You didn't think broadcasting was allowed on *amateur* radio did you?
>
>Unless you're the ARRL or K1MAN...

Now, now, those aren't broadcasts, they're informational bulletins.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1482. Re: WANTED: Any info on pirat

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <42ev7r$b4h@newsbf02.news.aol.com>
Source record: 212920

In article <42d7a2$qjb@vivanews.vivanet.com>, mulveyr@vivanet.vivanet.com (Rich Mulvey) writes:

>: Be sure that your correspondence clearly identifies how the FCC may
>: reach you for further information, and that the matter you are addressing
>: is understandable and accurate.
>
> You also forgot to mention that the original poster should specify
>the frequencies and broadcast schedule that he wishes to use, so that
>the FCC can evaluate the quality of his transmissions.
>
>
Hey, one more Idea! (to the original poster), go buy a topo map, and clearly mark on the map, in bold red permanant marker, where the transmiter, studio, and antenna will be. This will surely speed up the "process". This will aid the monitoring & signal quality patrol divisions to effectively null out any interference, thereby enabling a better "quatlity of transmission" evaluation. I can't think of any other task that would help with the "proof of perfomance" and THD tests. You certainly don't need some pesky multi-KW foriegn broadcast staion fouling up the test activity.

1483. WANT GE PA TO HAM INFO

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: ipham@biggulp.callamer.com
Message-ID: <42f1e1$bvo@clue.callamer.com>
Source record: 212921

Looking for any info regarding GE Mastr II PA's and using on ham band. The PA's that I have (460 Mhz 40 & 100W) just won't put out rated power when used on 440 Mhz and act rather erratic. Is there a simple procedure to bring power up or need I change all the capacitors? Thanks for any info here or to stevew7azf@aol.com.

--
SLO County Amateur Radio

1484. Re: WANT GE PA TO HAM INFO

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <42f73l$dv3@news.iadfw.net>
Source record: 212922

ipham@biggulp.callamer.com (SLO County Amateur Radio) wrote:

>Looking for any info regarding GE Mastr II PA's and using on ham band.
>The PA's that I have (460 Mhz 40 & 100W) just won't put out rated power
>when used on 440 Mhz and act rather erratic. Is there a simple procedure
>to bring power up or need I change all the capacitors? Thanks for any
>info here or to stevew7azf@aol.com.

>--
>SLO County Amateur Radio

I currently have two GE MAster EXEC II 460 radios converted to operate
in repeater service on 440. I re-tuned the exciter, per the service
manual and did not touch the PAs. It puts out in excess of the rated
power on both radios. I am not aware of anyone else using the EXEC II
that has had to adjust or change anything with the PAs. You may just
need to fine tune the exciter section. If you need to buy a manual,
E-mail me and I will give you the info. I think mine was under $20.
73's Floyd WD5ENJ

1485. Re: TM-742A Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: HVXN34A@prodigy.com
Message-ID: <42f8km$21pu@usenetw1.news.prodigy.com>
Source record: 212923

I have been using my 742 for nearly 2 years and have not had any problems.
I have remote mounted the control head and that works great also. About
a year ago I added the 1.2ghz module for use on a local repeater here in
SoCal. Again, no problems. Made the mods. No problem. I even moved
the modules around so now it's set up like the 942 (a label on the radio
says not to do this) but it works fine.

A great radio, and the prices seem to be coming down. Kenwood probably
has some new models in the works.

Mikel Frasier, KN6KH

1486. Realistic trc-216 handheld CB xcvr mods for 10 meter band?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: alex@anat3d1.anatomy.upenn.edu
Message-ID: <42f99d$q66@netnews.upenn.edu>
Source record: 212924

Anyone know of a receive mod for the above unit? Unfortunately it doesn't have sideband capabilities, so it wouldn't be any good for transmitting, but I thought it might work ok for listening in on the 10 meter band. Any thoughts?

--

Alex Shrom - ajshrom@phoenix.princeton.edu - Major: History of Cat Art Princeton '98 http://www.princeton.edu/~ajshrom Minor: Yes, unfortunately

1487. Re: What good is 6 Meters?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: jds@neptune.net
Message-ID: <42fafa$kjq@neptune.neptune.net>
Source record: 212925

In <jlowmanDE6oKC.9B1@netcom.com> jlowman@netcom.com (Jim Lowman) writes:

>Definitely the all-mode 6m transceiver is the way to go. The 6m band has
>some really surprising results when it is in good shape, as it has been for
>much of this summer. Some really long-haul contacts have been made on 6m
>SSB and CW.

>Not sure how much simplex FM activity there is. As far as repeaters, there
>aren't many on here in the LA area, and this must be the repeater capital of
>the US. There are far more on 1.2 GHz than on 6m.

Yeah, that's too bad, isn't it...?

Here are some LA repeaters that I either have experience with, or have been told
that they are functional by reasonably reputable hams:

52.80RX/52.30TX PL 82.5 N6FFI
52.74RX/52.24TX PL 127.3 N6ENL
52.86RX/52.36TX KC6WGR (So Cal 6m Club)
52.56RX/52.06TX ditto

There are a LOT of remote bases around with 52.525 capability. There's a couple
from Mt Palomar and a couple from Sunset Ridge that pop up now and then...

73!

jeff stai, ke6knf
jds@advradio.com

1488. 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: towen@freenet.vcu.edu
Message-ID: <42fbv2$e7q@freenet.vcu.edu>
Source record: 212926

I have a 2m Allmode (FT-290) and would like to get on 6m. Is a
2m to 6m transverter available?

I live in Richmond, VA; what kind of range should I expect from
6m from my car running say 50W into a 1/4 wave vertical on both
FM and SSB WITHOUT a band opening?

--Thanks for the 6m advice, Todd KE4UDN
--

Todd Owen (KE4UDN) Virginia Commonwealth University
towen@freenet.vcu.edu Richmond, Virginia

1489. IC-736 Comments Please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: jon.burt@totrbbs.radio.org
Message-ID: <12442.12.uupcb@totrbbs.radio.org>
Source record: 212927

Ed,
I just bought a IC-736 about 6 weeks ago. It was a big step up from
my old Ft-101ee! I think its a great radio, and I enjoy it, but If
I were to do it over, I think I would buy the 738 instead. 6m is nice
to have, but not too much there... The main problem w/ the 736 is the
lack of portability due to the built in power supply... of course, that
is also a feature. Good Luck!
73 de Jon
KC4UKK

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1490. Info and Speakers for the TS850S?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDEEBFq.Jzu@netcom.com>
Source record: 212928

I have just purcased a Kenwood TS-850S. THe recommended matching speaker
for these radio is the SP-31.

However, I like the appearance of the SP-950 a little better. IT looks
like the SP-950 is a litle larger in height compared to the TS-850. SO,
other than the size, and probably the price, is there any differnce and
or advantages of the SP-950 over the SP-31 for use with a TS850S?

Thanks and 73's.

Herb - KG6OK

--
herbr@netcom.com

1491. Kenwood SM-230 Question?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDEEBLx.KFB@netcom.com>
Source record: 212929

Does the Kenwood SM-230 have the spectrum display capabilities? I thought it did, but I overheard someone sayong that it really was only designed to over basic scoping capabilites, and wasn't a very good spectrum display type device.

I thought this could be used to see band activity on either side of a given frequency, so that if you were listening in the center of a quiet band, you could see a signal blip on either side of you.

I know it does other functions as well, but I was particulary interested in this.

Any other specific comments on this unit would also be apprecaited.

Thanks.

--
herbr@netcom.com

1492. MFJ QRP HF RIG???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <42fmbd$1jfa@firehose.mindspring.com>
Source record: 212930

Does anyone know if MFJ will be coming out with an All Band 160-10M
QRP Rig?

Please reply to tony.contrada@atlwin.com

TNX & 73,
Tony...

1493. NEED TRANSWORLD RADIO REPAIR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: fiscon@ix.netcom.com
Message-ID: <42fmtv$b2t@ixnews5.ix.netcom.com>
Source record: 212931

I'm looking for someone with expertise,preferably someone from the
factory, that will work on Transworld Communications products at an
hourly rate less than the factory.
thanks
David Panek, ke4mlv
Call 404-331-7211 or email

1494. small size beam, available?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: Coen Waasdorp <waasdorp@inter.nl.net>
Message-ID: <X9+bxHA082SwEwIC@inter.nl.net>
Source record: 212932

The space available is limited for putting up an antenna at my location.
Does a small size beam exist? I am thinking of a size of 2 to 3 sq
meters in total?
Any suggestions are appreciated.

--
Coen Waasdorp
PA0COE

1495. WTB: Yaesu FP 800, SP 6

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: N1TVR@msn.com
Message-ID: <00001fed+0000140a@msn.com>
Source record: 212933

I am looking to buy the Yaesu FP 800 power supply and the SP 6
external speaker. If anyone has these please email me.
Thank You
n1tvr@loa.com

1496. Best filters for TS850?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDEEAxr.IH6@netcom.com>
Source record: 212934

I have just purchased a new Kenwood TS-850S AT. I am interested in hearing from anyone with experience with the narrow SSB or the more narrow cw filters for this radio, with any comments regarding their usefulness and performance.

I am also wondering if the company that used to make filters for Kenwood radios is still in business. I think they were called something like FOx Tango Filters, or a company called IRC somewhere in Florida.

IF so, are these filters "better" than the Kenwood add on filters? Or, are Kenwood's or someone else's better?

Any comments would be apprecaited.

Thanks and 73's.

Herb - KG6OK

--
herbr@netcom.com

1497. Best SW Control program for TS-850S?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDEEB3J.Iqo@netcom.com>
Source record: 212935

I have just purcahsed a Kenwood TS-850S. I am interested in hearing
opinions regarding what is generrally considered to be the best software
program available to use for controlling this radio via a PC.

I would prefer a Windows based application.

Any comments would be apprecaited.

Thanks.

--
herbr@netcom.com

1498. Falcon audio distrubtions amps?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDEEB9I.J3s@netcom.com>
Source record: 212936

I am looking for some information on the Falcon Communications audio distrubution amplifiers that are advertised in the latest HRO catalog. (Spring / Summer HRO Catalog - page 81)

These are advertised as the F251A and the F252A.

What are these used for, and are they any good?

Any comments would be apprecaited.

--
herbr@netcom.com

1499. license renewal?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: peterg4@ibm.net
Message-ID: <42fl0t$27es@news-s01.ny.us.ibm.net>
Source record: 212937

I have not been active in years, but am getting interested again.

However, I have just realized that my license expired last December.

Does anyone know how I might renew it?

Thanks!

1500. Community Active Ham Volunteers Needed!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: nacec@winternet.com
Message-ID: <42fugh$rv3@blackice.winternet.com>
Source record: 212938

ITS YOUR FAMILY AND YOUR COMMUNITY,
WON'T YOU HELP US TO BETTER SERVE THEM IN A CRISIS.

After a large disaster strikes your community and your family, I am sure you will agree that its a little late to start building a massive rapid response, emergency communications system supported by thousands of people within companies, organizations and serving as volunteers to provide essential support services.

We are The North American Center For Emergency Communications Inc. (NACEC), a Federally registered Non-profit organization serving North America since 1992. We have been developing a system that merges many different technologies to create a unique, high capacity, rapidly deployable solution to the problem of communications outages and shortages that occur following a large disaster. Our volunteer network in using the Internet as its communications backbone, is itself using one of the many technologies employed in NACEC's overall solution.

To help ensure the greatest possible effectiveness in as many communities as possible throughout North America, we are developing a very large volunteer network of community volunteers (Community Ambassadors) who work with our staff and their local communities. If you are community active and are interested in helping, we need your help, NOW. Please, don't wait until disaster strikes, help us to be prepared and be ready to assist your community.

BECOME PART OF THE SOLUTION!

The more communities that are represented by our volunteer network, the more effective we can be in disaster preparedness, emergency operations and in the area of emergency and military family message handling and delivery.

As a NACEC volunteer (Community Ambassador) you will assist with the movement of information that is vital to the continued success and growth of this organization and the survivability of your family and your community following a large disaster.

This project is growing rapidly, as we locate and add new dedicated volunteers from as many communities as possible from across North America. I hope you will join us in making this organization a success.

To find out more about how you can get involved in this project and use your Internet skills to help your community, please review the information that is in our WWW Homepage area which can be found at:

http://www.winternet.com/~nacec/index.html

An electronic volunteer application form can also be found there as well. Should you have any questions, please address them to me at: eaddy@nacec.org

Respectfully,

Mr. Edward Addy
Executive Director

1501. Help!...Hallicrafter SX-101A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: rfrans@aol.com
Message-ID: <42gdrk$qbs@newsbf02.news.aol.com>
Source record: 212939

I just acquired a Hallicrafter sx101a...80,40,and 20 meters work GREAT! But...I can get nothing on either 10 or 15 meters... Is this a calibration problem...alignment problem...does anyone have any advice for me as to where to start??? Thanks in advance!

Rob Frans
Grand Rapids, MI

1502. Re: license renewal?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: David.Moody@Rose-Hulman.edu
Message-ID: <1995Sep4.161640@crux.rose-hulman.edu>
Source record: 212940

In article <42fl0t$27es@news-s01.ny.us.ibm.net>, peterg4@ibm.net writes:
> I have not been active in years, but am getting interested again.
>
> However, I have just realized that my license expired last December.
>
> Does anyone know how I might renew it?
>
> Thanks!

First of all, you need to get an FCC form 610, and make sure that you have a copy of your license. You are still well within the period of grace as far as renewing your amateur privileges, but if I'm not mistaken, you will be issued a new call sign from the current block. As far as the form 610 goes, you can obtain one from the FCC very easily by calling 1-800-418-3676 from a touch tone phone and following the directions. They are very quick about getting the forms out. If you know other hams in the area, they may also be able to help.
Once you fill out the 610, include a copy of your license, send them in to the address on the form, you will be well on your way back into amateur radio. It's good to see someone who has not been active for a while regain interest in the hobby. 73

David A. Moody | E-mail: David.Moody@Rose-Hulman.edu
Admin. Programmer/Analyst | Finger: mgrdam@crux.Rose-Hulman.edu
Rose-Hulman Inst. of Tech. | Amateur Call: KD8NY (CW QRP) ex-WB9MMD
Terre Haute, IN USA 47803 | (VMS Rules!!! (but RSTS was fun.))

Any facts expressed within belong to everybody.
Any opinions expressed within are my own and are not
necessarily the same as my employer, family, friends, etc.
It is up to you to know the difference.

1503. Computer For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-04 00:00:00 UTC
From: js@ibbs.anaheim.ca.us
Message-ID: <72@ibbs.anaheim.ca.us>
Source record: 212941

Hello,

I have a AST 486sx laptop computer for sale. The typical acces. Used for
Air Force Tech school and minor packet op's. $1000.00 OBO P/U only Edwards
AFB area.

--

Jeff Stillinger - KB6IBB js@ibbs.anaheim.ca.us
PSC Box 3429 js@red-eft.la.ca.us
Edwards AFB, CA 93524 +1 805 258 7303 8N1
KB6IBB Repeater sometimes heard in Los Angeles 449.6250
No air power without ground power! They don't get off, until we come.

1504. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: danb@a.crl.com
Message-ID: <42god2$8og@nntp.crl.com>
Source record: 212802

jackl@pinetree.microserve.com (WB3U) wrote:

>>equipment to unlicensed individuals all the time.)

>That's too bad. Most of the dealers I've known had higher standards.

Why is it an indication of "low standards" to sell to an unlicensed individual? There are at least a few good reasons for an unlicensed individual to buy a rig.

1. People say the best way to learn CW is to listen off the air. Well, that means you need a radio. Granted, receivers are available, but lots of people prefer the all-in-one convenience of a transceiver, which is why they're the most common type of rig. Why not let this person buy a rig to help learn code?

2. Similar reasoning for 2m, to familiarize him/herself with local repeater customs. When the license arrives, the new ham is less likely to be a lid on the repeater, having learned how people use it.

3. As has already been mentioned, as a gift to a ham.

4. Under the current FCC regs, a person has operating authority as soon as the callsign is assigned, and need not wait for the license to arrive in the mail. Without the paper license, however, he has no way to prove to you that he is, in fact, licensed (anyone can make up a callsign, if that's all they have to do). Why won't you let him buy a rig and get on the air?

--
Dan Brown, KE6MKS
danb@a.crl.com, NOT danb@crl.com
Don't tread on me.

1505. Trade: My handheld transceiver for your handheld scanner!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: jgoggan@sojourn1.sojourn.com
Message-ID: <42iinf$9sm@tkhut.sojourn.com>
Source record: 212803
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I have an ICOM IC-3AT handheld 220 MHz transceiver that I am interested in trading for a handheld scanner. The IC-3AT includes the rubber duck, wall charger, and BP-3. The scanner should preferably be either cell-modded or call-mod-capable. But I'll consider others possibly.

In any case, if interested, just let me know...

Thanks!

- John...
jgoggan@dcg.com or jgoggan@sojourn.com

1506. Re: Change WBFM to NBFM????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Jim Strohm <jstrohm@blazer>
Message-ID: <42ht1a$hap@unisql.unisql.com>
Source record: 212804
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

Most of these miliary rigs can be "converted" to NBFM by placing a series resistor in the mic audio line. This provides a lower amplitude to the modulator, and hence reduced deviation. Start with a 5K pot and a deviation meter, and see if this works for you. If all is well, install a fixed-value resistor in the mic.

Jim N6OTQ

1507. Microwave Associates: How to contact?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: s9231498@cs.sun.ac.za
Message-ID: <42h4fo$i75@itu1.sun.ac.za>
Source record: 212805

Hi!

I am building a high-speed digital communications system and need two MA87127 "Gunnplexer" Gunn transceivers. These are manufactured by Microwave Associates, but I am unable to contact them.

I have tried the number on the data sheets (617) 272-3000 in Massachusetts, but nobody answers. I have also tried faxing them, but nothing gets through...

If anybody has a current telephone number, fax number or EMAIL address I would be very grateful.

Pierre

1508. Re: UK Reciprocal license procedure/am. radio mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: John Morris <jmorris@spider.co.uk>
Message-ID: <42havs$kee@crab.spider.co.uk>
Source record: 212806
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,alt.radio.uk,uk.radio.amateur

David Hough <dave@llondel.demon.co.uk> wrote:
>In article <anb-0509950254470001@dial-berk1-9.iway.aimnet.com>
> anb@nextstep.com (Andy Brandt) writes:
>>
>> In a related vein, I have been told that radios manufactured for sale in
>> the US are not equipped to transmit a tone which opens up repeaters
>> throughout Europe. I own an Alinco DJ-580T handheld dual-band, and I know
>> there is an Alinco DJ-580E which is nearly identical except that it is
>> manufactured for use in Europe. Is there a modification I can perform, or
>> is there an accessory I can buy to make my handheld repeater-capable when
>> I visit the UK?
>>
>You need to arrage a -600kHz shift on TX for 2M and a +1.6MHz shift TX
>on transmit. Next, you need a 1750Hz toneburst or practice your
^
^
for 70 cms.

>whistling! (For disbelievers it *is* possible to open most repeaters by
>whistling - one VK thought I was winding him up.....)

Also, most repeaters are "tone access, carrier re-access", so once the QSO
has started there's no need to send a tone on each transmission.

73, John, GM4ANB

1509. subscribe to

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: ke4zko@ramlink.NET
Message-ID: <199509051150.HAA20424@ram.ramlink.net>
Source record: 212807

```
subscribe to newsgroup rec.radio.amateur.equipment
```

1510. K1EA Digital Voice Processor (DVP)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: barry@w2up.wells.com
Message-ID: <c1ByaD1w165w@w2up.wells.com>
Source record: 212808

For sale - K1EA DVP. For those of you not familiar with this product, it is an 8 bit card that allows you to record audio and send it by hit a function key (F1-F7), controlled by a TSR. It also allows you to record audio from your rig for later playback. When used with K1EA's CT program, also will phoneticize callsigns when transmitting.
Mint condition. $180.

--
==========
Barry N. Kutner, W2UP Internet: barry@w2up.wells.com
Newtown, PA Packet Radio: W2UP @ WB3JOE.#EPA.PA.USA.NA
Packet Cluster: W2UP >WB2R (FRC)
.....

1511. Re: 2meter Handheld for newbie

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: dpbaker@lilly.com
Message-ID: <1995Sep5.072500.6086@inet.d48.lilly.com>
Source record: 212809

>Just recieved my no code licence in the mail and iam itching to buy a
>radio. Most books recommend a 2m ht as a first radio. any reccomendations
>out there. Ive been looking at the yaesu ft11 is this a good radio to
>start out with? you can buy them for less than 300.00. It is small, and
>has a backlit display. In major metro areas Iam in the San F. bay area do
>you need 5watt versions of HT's.?
They can usually be had for just around $300. I've had one and it's a great
radio. The only reason I don't.. I sold it to purchase the dual band version
FT-51R. The 11R is a great radio and I have a number of friends who have
them.

Dave

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

1512. Re: Yaesu 51r vs Icom W31

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: dpbaker@lilly.com
Message-ID: <1995Sep5.072645.6087@inet.d48.lilly.com>
Source record: 212810

ANDREW JENTIS <andrewj@earthlink.net> wrote:

>I am thinking of purchasing one of the listed HT's. Any comments? how is
>audio on each? is the programable software for the 51R a good purchase?
>
>andy
>
I've got the 51R. It's a great radio! I also use the software to
program the rig. The software makes programming very
nice. It's a windows program and is very intuitive. I would
recommend the 51R. I cannot speak for the ICOM. I don't
have one nor do any of my friends. I'm sure someone will
comment.

Dave

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

1513. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWSO5MA7A000G52@SIL.ORG>
Source record: 212811

---------- Returned ----------
From: ham-equip@ucsd.edu at internet
Date: 8/27/95 12:03PM
To: Norm Beasley at PNG
*To: Ham-Equip@ucsd.edu at internet
Subject: Ham-Equip Digest V95 #368

Text item:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 368

Today's Topics:
Does anyone know of where I can get a battery cover plate for HTX-202
Kenwood uses false advertising?
mfj-8621 packet radio probs
REJECTED: Ham-Equip Digest V95 #367
Yaesu FT-11R Mods Requested

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 17:57:48 GMT
From: morganp@fn1.freenet.edmonton.ab.ca ()
Subject: Does anyone know of where I can get a battery cover plate for HTX-202

I would like a battery connection cover plate for my HTX-202 because when I
operate from external power I'm supposed to take the battery pack off but that
leaves the battery connectors to possibly get damaged, any ideas?

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo---

Date: Thu, 24 Aug 1995 16:11:54 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Kenwood uses false advertising?

In article <41aupj$4mt9@yuma.ACNS.ColoState.EDU> fiz <fiz@lamar.colostate.edu> writes:
>
>AND I WILL NEVER BUY A KENWOOD AGAIN...

You're learning. :-)

However, don't be so dogmatic, Kenwood may (insert miraculous intervention
of the Virgin here) get their act together with VHF/UHF rigs one day.
Remember, it wasn't that long ago when Yaesu couldn't build a HF rig,
now they're the top dog in that department. Changes can happen, so
keep your options open.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Sat, 26 Aug 1995 10:24:51
From: billv@olympus.net (Bill Vaughn)
Subject: mfj-8621 packet radio probs

I just received an mfj-8621 packet data radio (after waiting 8 months) I put
new factory xtals in it and retuned the unit. After checking it with my
service monitor I discovered that upon tx key the freq drifted from about 2k
away to an onfrequency condition but it took aprx a second for it to do so.

I am delaying the tx key for that amount of time but it seems to negate the
fast diode switching. It has no heater for the xtal but I have worked on many
radios with no oven that did not do this. Any suggestions for a fix.

Date: 27 Aug 95 10:23:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #367

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #367
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 367

Today's Topics:
REJECTED: Ham-Equip Digest V95 #365

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Aug 95 07:32:38 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #365

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #365
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 365

Today's Topics:
572B tube in Collins 30L1 ???
HF Receiver Question? (2 msgs)
REJECTED: Ham-Equip Digest V95 #364
Several Items
Yaesu FT51R

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 95 05:17:40 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: 572B tube in Collins 30L1 ???

dsnowden@ccd.harris.com (Doug Snowden) wrote:

>Subject says it. Will the 572B tube fit in the 30L1? Physically? It
>might be a bit bigger than the 811A tube, I don't know. If it will
>fit, is it electrically near the 811A? What is the result, more
>power? More reliablity? Or a waste of money?

The 572B is virtually identical to the 811A but with a much greater
plate dissipation (160W VS 65W). Unfortunately, in order to make use
of that additional dissipation, you need to raise the plate
supply to about 2500V. Personally, I wouldn't spend the extra money
as replacements for the Collins.

>Along the same line, what is the advantage of using a ceramic based
>811A as opposed to the bakelite based ones? I see RF parts advertise
>the ceramic based ones at quite a bit more money..

I'm not aware of any advantages offered by the ceramis base, but maybe
there's another reason for the price difference. Wonder if the
ceramics are U.S. made?

73,

Jack WB3U

Date: 26 Aug 1995 21:18:48 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I don't buy this. Have you ever looked inside the supplies that come
>from Kenwood or Yaesu? They don't have current limiting or OVP in them
>at all. They don't even put an MOV on the primary in most cases. They
>are a bare bones power supply. Most people who opt to buy someone else's
>supply end up with an Astron or something similar. They have much better
>protection than the factory supplies.

>Gary

Yes Gary, but the original question was would an internal power supply
improve the RECEIVERS dynamic range, noise floor, etc.

I sure think the correct answer to that question was NO.

Date: 26 Aug 1995 17:10:09 GMT
From: amnet@ix.netcom.com (ANDRES MARTINEZ)
Subject: HF Receiver Question?

>
>>I was listening to a conversation on 75 meters the other day. These
two
>>guys were talking about the best HF transcievers on the market, and
one
>>of them made the point that a rig that had a build in AC power supply

>>always had better sensistivity, dynamic range, etc. than a radio that

>>required a 12- 15 volt external power supply.
>
>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming
that
>conclusion, but it is a giant leap.
>
>You hear a lot of strange stuff if you listen long enough.
>
>73 Tom

One reason I can think of for that being true, is that most internal
power supplies are better built by the manufacturers than a cheap
external power supply a user may use in some cases. If you use a good
quality external power supply, then the should be no difference in
reception.

andres - YV5-KRI

Date: 27 Aug 95 04:23:10 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #364

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #364
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 364

Today's Topics:
Icom R-7000 problem
REJECTED: Ham-Equip Digest V95 #363

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 1995 03:50:53 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: Icom R-7000 problem

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered
>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the
>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

Date: 27 Aug 95 00:33:08 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #363

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #363
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR
Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)
Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months
ago,
I encountered a lot of talk about whether memory settings could be cloned
from
one FT530 to another. I believe that the answer was yes and that it could
be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come
out with the FT51R which is programmable (not just cloneable) through this

plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level
switch for rcvd audio. It picked up rf bad enough to hear it across the
room. After installing a K-com at the handset rf could still be heard,
but it was less than 1/2 as loud as the voice at the other end of the
line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire
for each side of the line. So it appears to be just a choke. I assume
it has quite a bit more inductance than you could get by wrapping the
cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to
an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits
or
: just common mode ferrite chokes? If they are just ferrite, then they
would
: appear to be a little pricey relative to the typical snap on ferrite
chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
: another question - how much ferrite at the back of the phone do you need
to
: choke HF off a telephone line? I suspect that a single ferrite snap on
choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or
just common mode ferrite chokes? If they are just ferrite, then they would

appear to be a little pricey relative to the typical snap on ferrite chokes
which are widely available. I've got a bit of telephone RFI (100w, SSB,
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- 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
another question - how much ferrite at the back of the phone do you need to
choke HF off a telephone line? I suspect that a single ferrite snap on
choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken
N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO glue. I fixed my own, the rest sent them in for repair. One has been repaired in other ways, but that's because N1JWR won't take the time to get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've been Dxing. If this only had side band I would be totally happy. I run it on a Diamond J-130 discone and i can get out and around very well. i don't use it much for the AM air craft band, but i do listen to the railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led remains on in TX and RX. There is no indication on S-meter in TX, and I

suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

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policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded
it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com

Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com
writes:
|> I operate CW most of the time and am interested in either the Timewave
59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency
to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance

Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The

resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern

since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but you
must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF? Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that

>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The
location of the supply and what it plugs into have no effect on the
parameters mentioned.
I can think of threads of logic that may be distorted into forming that
conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)

Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It
might be a bit bigger than the 811A tube, I don't know. If it will
fit, is it electrically near the 811A? What is the result, more power?
More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based
811A as opposed to the bakelite based ones? I see RF parts advertise
the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore
power out but they will last forever. Collins recommends that
you change out one of the one of the caps in the 30L-1 for
best operation with a 572B but I've tried them with a stock
unit and it seemed to work fine. If your really interested in
this mod I can dig through my stuff and tell you which cap to
change.

As far as the ceramic based 811A, I've used bakelite 811 and
811A tubes for years and have never found any problems. I
wouldn't spend any extra for a ceramic base but if its the same
price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image
frequency. The C508A first IF is 23.05 MHz, so my guess is that the
images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie
916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S
meter doesn't go to S9, but it seems better than having a mods butcher
pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)

Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the accuracy of this wattmeter at less than 5 watts. I have both QRP and regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP level is most important. Or...do I need to get a QRP wattmeter (I understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al and see if you can get a better handle on this. I live in Minneapolis and know the guys personally, and they will do what is necessary to make you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants (verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan) writes:
>: Anyone out there with experience with K-com telephone RFI filters?

>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they
gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are
the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time
and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.

I have done the keypad mod for extended rx and it works without any mishap
to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset
Communicator IV. Photocopies would be fine, also. Please
email me with any offers.

Thank you and 73--
Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency
display for my TS-520SE? If someone wants to sell one please contact me
at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?
~~~~~

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
: >quite a bit and consume more than the DC adapter is supplying to the battery,
: >eventually I can't transmit at all (I have to wait until the battery recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you

were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six
Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to
your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF
vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)

Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct
in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo--

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show
indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs
in the back into a 3 or 4 pin socket. If you have one of these lying
around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad
that I could use into the mic, but I would rather have a plug in unit
if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
****

End of Ham-Equip Digest V95 #364
****

Date: 23 Aug 1995 18:06:27 GMT
From: rasta@stlucia.net (Paul O'Connor)
Subject: Several Items

Timewave DSP 9+ $200.00
KW SM 230 Scope Box Manuals etc.$650.00
MFJ-989C 3K Tuner (new industor coil) $200.00
Hayes Optima 14.4 Modem..............$150.00
Yaesu MD-1 c8 Mic (never used).........$75.00

Call 717-232-2015 if interested

Date: 27 Aug 1995 06:43:05 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Yaesu FT51R

I bought one a couple of weeks ago. I haven't talked much on it, but I
have used it several times in a QSO with a friend on a repeater. On full
5 watts, it seems like it will be useable for at least twenty minutes of
back and forth talking. On the next lower power (3.5 watts, I think) it
seemed like we could just keep talking into the night. The back got a

little warm, but evidently not warm enough to do anything during the 1.5
to 2 hours I was using it.

Max
N7NWG

End of Ham-Equip Digest V95 #365
****

End of Ham-Equip Digest V95 #367
****

Date: 27 Aug 1995 11:30:47 -0400
From: capthemloc@aol.com (CaptHemloc)
Subject: Yaesu FT-11R Mods Requested

I would like to obtain a copy of the extended TX mods for the Yaesu FT-11R
(hope that's the proper designation). If anyone can help please post
information here, or E-mail to CaptHemloc@aol.com or
73662.350@compuserve.com. Or you can fax the information to 706-745-6531.
Thanks for any input.

73
KE4CTS

End of Ham-Equip Digest V95 #368
****

1514. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWSOGP7OY000G52@SIL.ORG>
Source record: 212812

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 8/28/95 2:11AM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #371

Text item:

Ham-Equip Digest Mon, 28 Aug 95 Volume 95 : Issue 371

Today's Topics:
2 Meter + Business VHF
DSP Filter Advice??
Gateful dead on PBS
Icom IC-24AT help
Opinion on Periphex batteries
REJECTED: Ham-Equip Digest V95 #370
WANTED! Icom 2000H tx-mod
Yaesu FT51R

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 07:14:10 GMT
From: Cedric Brown <72401.2427@CompuServe.COM>
Subject: 2 Meter + Business VHF

The question is: Are there any radios that can do 2m FM and High Band
commercial?

The Bendix/King and other were mentioned. Add to this the Motorola Saber
handheld.These can be found on the used market. It helps if you have a source
inside of Motorola. If you want a mobile try a Motorola Syntor, and if you
what complete frequency agility as opposed to a prom-bound radio you need to
get yourself an Anaconda control head for the Sytor, I don't have the address
handy but I will post it later.

Cedric

Date: 24 Aug 1995 00:22:53 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: DSP Filter Advice??

>I operate CW most of the time and am interested in either the Timewave
59+
>or MFJ 784B. Any advice? The areas of most concern are:

I've had both here and the MFJ is much better for CW.

>Does the unit generate its own noise? This is really irritating when I
>use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
>for selectivity. I listen with headphones. QST panned the 59+ in this
>area.

I've heard the early 784 sucked in this area, but the 784B I use is very
very quiet.

>How does the unit handle CW spotting?

You push a button and hear a tone that matches the filter center
frequency. Like zero beating.

> Can you hear your own sidetone if it's the same frequency as the
received >signal?

You can either program the sidetone internally or use a T/R line that
bypasses the filter on TX. I bypass mine and run QSK with no problems.

>How well does the noise reducton feature work?

OK, but better with wide selectivity. I think any audio noise limiter is
asking for a lot though!

>Thanks Gary WB7FCQ

73 Tom

Date: 27 Aug 1995 20:57:16 -0700
From: teixeira@ccnet.com (TEIXEIRA)
Subject: Gateful dead on PBS

"What A Long Strange Trip It's Been"

eugene nick (enick@unlinfo.unl.edu) wrote:
: Does anyone know what mod's can be done to a Kenwood 241a @m Rid? I
: don't want the mod's I just want to know???
: --
: HERE'S TO A LONG LIFE AND MERRY ONE!
: A QUICK DEATH AND A EASY ONE
: A GOOD LOVER AND A TRUE ONE

: A COLD BEER AND ANOTHER ONE!!!

Date: Thu, 24 Aug 95 04:21:30 GMT
From: randyrho@drycas.club.cc.cmu.edu
Subject: Icom IC-24AT help

In Article <coanDDpvCz.Mq1@netcom.com>
coan@netcom.com (John Coan) writes:
>Gary, my BNC connector on this radio keeps coming loose ... and I took it
[snip]

Yep, my ICOM 24-ATs had the same problem. The way I fixed 'em was
to slightly mash the threads on the BNC where the spanner nut holds
the BNC to the case, then torque the nut down as tightly as possible.
Then re-solder the wire inside the case. I had intended to locktite
the BNC but haven't needed to. They are staying in place despite
repeated duckie removal and car antenna hooking. Even the briefcase
bend hasn't bothered them. It's been well over a year since I fixed
them and so far no trouble.
The biggest trouble I have now is the ^%$#@* power jack keeps failing.
73s
Randy

Date: 27 Aug 1995 21:54:18 GMT
From: "Bruce J. Goldstein" <wa3afs@mhv.net>
Subject: Opinion on Periphex batteries

I have used there replacement inserts and batteries for several years
without a single failure. I believe the batteries (700 mah AA) are now
about 4 years old and have undergone well over a 100 cycles. I do try to
recharge ONLY when the the radio complains about them. Almost never do I
charge them when they are in the middle.lynch@galileo (Scott Lynch)
wrote:
>.
>
>Anyone else out there had a good or bad experience with Periphex
>batteries.
>
>Scott Lynch
>KC7ADV
>
>lynch@chdasic.sps.mot.com
>
>
lynch@galileo (Scott Lynch) wrote:
>
>

Date: 28 Aug 95 01:24:48 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #370

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No Response from Remote Mail not sent to:john loos@dgc.ceo

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To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V95 #370
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 370

Today's Topics:
2m/70cm Handheld Reccomendations ?
AEA Isopoles for 2 meters??
Equipment donations appreciated
Icom 775DSP Any comments from new owners?
Icom 775DSP or Yeasu FT-1000D?
ICOM REPAIR, CANADA PHONE NUMBER
Need Extend RX/TX for YAESU FT2500
REJECTED: Ham-Equip Digest V95 #369
Someone wanted IC-2GXAT mods
What Happened to CALLSIGN.CS
X-tals supply house other then Jan Crystal ????
Yaesu FT51R (2 msgs)

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Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Aug 1995 14:00:51 -0600
From: dcomer@mack.rt66.com (David M. Comer)
Subject: 2m/70cm Handheld Reccomendations ?

Probably a FAQ, but I'm new to HAM....

I just passed my no-code yesterday and am looking to purchase an 2m/70cm
handheld. 1-1/4 would be nice, but... What I would like is to hear from
some experienced handheld users as to the types of features that are
particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there

are any particular units worth considering, I'd appreciate some input as
to your experience with the units. I appreciate your input. Feel free to
e-mail me, however, I would guess that there are plenty of new HAMs
looking for the same, so a post is preferred.

73

Dave Comer (Waiting on the FCC)

dcomer@rt66.com

Date: Thu, 24 Aug 1995 16:22:57 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: AEA Isopoles for 2 meters??

In article <41657n$sjq@sanews.uswc.uswest.com> "Dennis A. Mason" <damason> writes:
>i'm not sure about the isopole for 2 mtr's , but i had one for the 440
>and was not very impressed with it. i could hit repeaters with my
>rubber duck ant. better than the isopole ant.
>this is my experience with them.
>73 gud luck
>kd4gan

Something was wrong with that Isopole, or its feedline. The 440 Isopole
is a very well made antenna, and normally works quite well. (Of course
it doesn't have the gain of a big colinear, but what did you expect?
It should easily outperform a Ringo or a rubber duck.)

The 2m Isopole is a bit cheesier, you have to supply the mast part
yourself. If you put it together right, and get good electrical
connections to the mast you supply, it'll still beat a 2m Ringo
(of course nearly anything will).

Hmmm, it seems I'm damning the Isopoles with faint praise. Well, they
aren't the best antennas out there, and they aren't the cheapest antennas
for what they do, but still they aren't as bad as your experience would
indicate.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Sat, 26 Aug 1995 18:55:36
From: rfs@usa.net (Rich Scheuerer)
Subject: Equipment donations appreciated

I have recently introduced a number of students, by way of a short class, to amateur radio. The response by them was very positive and I have made one of my goals for this next semester to get a station going for them at the school. Equipment donation of any sort would be very helpful.

The school is called the Challenge School and is a charter school for the Cherry Creek School district located in southeast Aurora, Colorado. It emphasizes education in the sciences and a station would fit right in with not only their curriculum but the interest expressed by many students I have spoken with. The grades of focus are 3rd to 8th, with middle school grades (6,7,8) being where the most interest has been.

For myself, this is a first experience, and am very much looking forward to following thru on this if I can get the needed gear. Unfortunately, there is not any current funding for it so donations is the way to go.

If you have any donations, I will provide you with a receipt clearly indicating the schools appreciation and the approximate value if you would like for tax deductibility. Please enclose the estimated value of the equipment if you have any idea. This station is starting from zero, so anything would be great and we are very much hoping someone has a tranceiver which they would like to pass along to a very curious bunch of kids!

Thanx much,

Rich Scheuerer, K0ZX aka rfs@usa.net
18156 East Baker Place
Aurora, Colorado 80013-5406

Any questions or suggestions, buzz me @ 303-751-1169

Date: 23 Aug 1995 23:26:15 GMT
From: Fewkes <kg7mz@worldaccess.com>
Subject: Icom 775DSP Any comments from new owners?

I am looking at possibly purchasing this rig. Any feed-back from new owners or anybody who has learned anything about the performance of this rig would be appreciated.

Date: Thu, 24 Aug 1995 15:19:52 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Icom 775DSP or Yeasu FT-1000D?

In article <DDo4D1.GpD@hpqmoea.sqf.hp.com> dstock@hpqmdla.sqf.hp.com (David Stockton) writes:
> DSP
> **********
>
> Things are changing fast, but I'm looking for a converter that can
>digitise, say, a 15 kHz IF with *at least* 18 bits of true, reliable,
>dynamic range. Remember, digital systems don't degrade gracefully, they

>just hit endstops, hard, so you need to be very careful about overload
>margins. I would use such a converter in a receiver that had very little
>overall gain from the antenna to the converter. These have not yet
>emerged on the industrial/military market, and there would be a further
>delay before the price entered the amateur range, and new transceivers
>were designed around them. (not just stuck on the tail end, a full new
>design from scratch is needed)

Commercial flash converters that can handle HF are rarely over 8 bit
resolution, and that's not nearly enough. A bit of clever scaling
should let you parallel two of these to get 16 bits. But these converters
are still in the $100 range, I think that may be the wrong approach.

A 1 bit flash converter working at HF is rather trivial, even in discretes.
It seems to me that using a heavily oversampled 1 bit converter and
decimation of the resulting bit stream should give us what we want without
needing to wait for the chip makers to give us an integrated solution.
Remember, we only have to sample at a multiple of the receiving *bandwidth*,
and not at a mulitiple of the actual IF frequency because such sampling
aliases down to baseband. Opinions?

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 27 Aug 1995 09:55:57 GMT
From: aa766@freenet.hamilton.on.ca (Michael Panopoulos)
Subject: ICOM REPAIR, CANADA PHONE NUMBER

Hello and many thanks for reading this. I am in need of a telephone
number, address, e-mail address (anything) for ICOM. I wud like to
contact them for parts.

73 Mike VE3AHQ

--

Date: 28 Aug 95 10:16:09 GMT
From: py3dzz@lec-bbs.pu3akm.ampr.ORG
Subject: Need Extend RX/TX for YAESU FT2500

Hello to all!

Y need modifications for extend rx/tx for YAESU FT 2500.

tanks in advanced

Please send a mail for:
PY3DZZ2LEC-BBS.PSICO.UFRGS.BR
PY3DZZ@LEC-BBS.PSICO.UFRGS.BR
PY3DZZ@PY3DZZ.AMPR.ORG

73. Claudio

Mailbox : PY3DZZ @ PY3DZZ.RS.BRA.SA
AMPRNet : py3dzz@py3dzz.ampr.org

Date: 27 Aug 95 19:35:04 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #369

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CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 369

Today's Topics:
12V Nicad Batteries
Drake TR7 SSB receprtion bad
FT530 programming
Heathkit HO-10 Monitor Scope question.
Mods/Manuals for IC271E and IC471E
Need: MFJ-8621 schematic
Need help with Super super Dentron tuner
REJECTED: Ham-Equip Digest V95 #368
w1fb,rtty
Want band switch
Wanted: UHF MX-300S manual
Where can I get a gel cell battery?
Yaesu FT290-II blowing lamps

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policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 18:19:06 GMT
From: swdecato@nps.navy.mil
Subject: 12V Nicad Batteries

I recently bought two 12V 1.4ah NICAD batteries from Radio Shack.
They were designed for a laptop computer but I figured with a
cigarette lighter plug I could use them on my HT. What type of
power supply (i.e. voltage and output amperage) should I use
for these batteries?

Thanks in advance.

steve
KA5DLB
swdecato@nps.navy.mil

Date: 24 Aug 1995 15:53:49 GMT
From: archive@flash.ATC.Olivetti.Com (DCG Mktg Docmnt (Ivrea))
Subject: Drake TR7 SSB receprtion bad

Date: Sat, 26 Aug 1995 23:13:08 GMT
From: jjmartin@world.std.com (Jim Martin)
Subject: FT530 programming

hillgen@er7.rutgers.edu (the one) wrote:

:>Recently, Yaesu has come out with the FT51R which is programmable
:>(not just cloneable) through this plug.
:>An I correct in assuming that the 51 programming software would work on the
:>530? What do you think?

530 is not clonable (I have one) nor is it programmable with the 51
programming software...

As far as I know...

73 de

Jim Martin, WK1V	I speak for no one...Not
Lowell, Massachusetts	even for myself!
USAF (Ret)ained	#include "std_disclaimer.h"
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	Intentionally Left Blank

Date: Wed, 23 Aug 95 12:26:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)

Subject: Heathkit HO-10 Monitor Scope question.

I recently bought a Heathkit HO-10 monitor scope at a hamfest. I'd like to locate somebody else with one of these. I have two questions to ask you:

1 - Do you have the manual? I am missing page 41 of my manual. The manual say "Condensed Manual" on the front, and carries the number 595-578-1. I'd like to get the missing page. (scanned->UUencode->Email, or FAX, or mail a copy).

2 - When the scope is in operation, the trace appears as a broken line rather than a solid line from edge to edge. As you turn up the sweep rate, the segments get smaller and more of them appear across the face of the tube (about 2 segments when slow, about 6-10 when at fast sweep). Is this normal operation? The unit works fine, and the displayed patterns look good, except for this "broken up" appearance.

This isn't the way they are shown in the manual which leads me to believe there is some signal, like a square wave, riding on the vertical deflection section (just a guess). I figured before I looked into the unit I'd ask.

Thanks in advance.

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

Date: 23 Aug 1995 11:35:55 GMT
From: Marinus Willemstijn <willemma@telkom19.telkom.ca.za>
Subject: Mods/Manuals for IC271E and IC471E

I am looking for manuals (service/Operating) for these two rigs.
Also if anyone can help me get hold of any modifications for them.

Thank you very much.

Marinus Willemstijn
ZS6MAW
Voice : +27 12 3256503
Fax : +27 12 3114438
Internet : willemma@telkom19.telkom.co.za

Date: 27 Aug 1995 13:52:56 -0400
From: skulyov@freenet.columbus.oh.us (Sergei Kulyov)

Subject: Need: MFJ-8621 schematic

Hi gang. I'm looking for the schematic of the Data radio MFJ-8621.
Will appreciate for any help.

73 ! Sergei AA8OT, UA3AP

Date: 27 Aug 1995 13:41:07 -0400
From: skulyov@freenet.columbus.oh.us (Sergei Kulyov)
Subject: Need help with Super super Dentron tuner

Hi gang. I have a Super super Dentron antenna tuner with one
missed part inside. There one air vary capacitor, balun,
couple air core coils.
Does anybody could help with schematic or suggestion about the
missed part?

Thanks,

73! Sergei AA8OT, UA3AP

Date: 27 Aug 95 15:03:54 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #368

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----- Unsent message follows -----
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To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V95 #368
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 368

Today's Topics:
Does anyone know of where I can get a battery cover plate for HTX-202
Kenwood uses false advertising?
mfj-8621 packet radio probs
REJECTED: Ham-Equip Digest V95 #367
Yaesu FT-11R Mods Requested

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policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 17:57:48 GMT
From: morganp@fn1.freenet.edmonton.ab.ca ()
Subject: Does anyone know of where I can get a battery cover plate for
HTX-202

I would like a battery connection cover plate for my HTX-202 because when I
operate from external power I'm supposed to take the battery pack off but
that
leaves the battery connectors to possibly get damaged, any ideas?

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo---
-

Date: Thu, 24 Aug 1995 16:11:54 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Kenwood uses false advertising?

In article <41aupj$4mt9@yuma.ACNS.ColoState.EDU> fiz
<fiz@lamar.colostate.edu> writes:
>
>AND I WILL NEVER BUY A KENWOOD AGAIN...

You're learning. :-)

However, don't be so dogmatic, Kenwood may (insert miraculous intervention
of the Virgin here) get their act together with VHF/UHF rigs one day.
Remember, it wasn't that long ago when Yaesu couldn't build a HF rig,
now they're the top dog in that department. Changes can happen, so
keep your options open.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Sat, 26 Aug 1995 10:24:51
From: billv@olympus.net (Bill Vaughn)
Subject: mfj-8621 packet radio probs

I just received an mfj-8621 packet data radio (after waiting 8 months) I put new factory xtals in it and retuned the unit. After checking it with my service monitor I discovered that upon tx key the freq drifted from about 2k away to an onfrequency condition but it took aprx a second for it to do so.

I am delaying the tx key for that amount of time but it seems to negate the fast diode switching. It has no heater for the xtal but I have worked on many
radios with no oven that did not do this. Any suggestions for a fix.

Date: 27 Aug 95 10:23:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
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CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 367

Today's Topics:
REJECTED: Ham-Equip Digest V95 #365

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CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 365

Today's Topics:
572B tube in Collins 30L1 ???
HF Receiver Question? (2 msgs)
REJECTED: Ham-Equip Digest V95 #364
Several Items
Yaesu FT51R

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policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 95 05:17:40 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: 572B tube in Collins 30L1 ???

dsnowden@ccd.harris.com (Doug Snowden) wrote:

>Subject says it. Will the 572B tube fit in the 30L1? Physically? It
>might be a bit bigger than the 811A tube, I don't know. If it will
>fit, is it electrically near the 811A? What is the result, more
>power? More reliablity? Or a waste of money?

The 572B is virtually identical to the 811A but with a much greater
plate dissipation (160W VS 65W). Unfortunately, in order to make use
of that additional dissipation, you need to raise the plate
supply to about 2500V. Personally, I wouldn't spend the extra money
as replacements for the Collins.

>Along the same line, what is the advantage of using a ceramic based
>811A as opposed to the bakelite based ones? I see RF parts advertise
>the ceramic based ones at quite a bit more money..

I'm not aware of any advantages offered by the ceramis base, but maybe
there's another reason for the price difference. Wonder if the
ceramics are U.S. made?

73,

Jack WB3U

Date: 26 Aug 1995 21:18:48 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I don't buy this. Have you ever looked inside the supplies that come
>from Kenwood or Yaesu? They don't have current limiting or OVP in them
>at all. They don't even put an MOV on the primary in most cases. They
>are a bare bones power supply. Most people who opt to buy someone else's
>supply end up with an Astron or something similar. They have much better
>protection than the factory supplies.

>Gary

Yes Gary, but the original question was would an internal power supply
improve the RECEIVERS dynamic range, noise floor, etc.

I sure think the correct answer to that question was NO.

Date: 26 Aug 1995 17:10:09 GMT
From: amnet@ix.netcom.com (ANDRES MARTINEZ)
Subject: HF Receiver Question?

>
>>I was listening to a conversation on 75 meters the other day. These
two
>>guys were talking about the best HF transcievers on the market, and
one
>>of them made the point that a rig that had a build in AC power supply

>>always had better sensistivity, dynamic range, etc. than a radio that

>>required a 12- 15 volt external power supply.
>
>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming
that
>conclusion, but it is a giant leap.
>
>You hear a lot of strange stuff if you listen long enough.
>
>73 Tom

One reason I can think of for that being true, is that most internal
power supplies are better built by the manufacturers than a cheap
external power supply a user may use in some cases. If you use a good

quality external power supply, then the should be no difference in
reception.

andres - YV5-KRI

Date: 27 Aug 95 04:23:10 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #364

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CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 364

Today's Topics:
Icom R-7000 problem
REJECTED: Ham-Equip Digest V95 #363

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policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 1995 03:50:53 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: Icom R-7000 problem

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered

>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the
>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

Date: 27 Aug 95 00:33:08 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #363

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #363
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR
Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)
Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months
ago,
I encountered a lot of talk about whether memory settings could be cloned
from
one FT530 to another. I believe that the answer was yes and that it could
be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come
out with the FT51R which is programmable (not just cloneable) through this
plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level

switch for rcvd audio. It picked up rf bad enough to hear it across the room. After installing a K-com at the handset rf could still be heard, but it was less than 1/2 as loud as the voice at the other end of the line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire for each side of the line. So it appears to be just a choke. I assume it has quite a bit more inductance than you could get by wrapping the cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits or
: just common mode ferrite chokes? If they are just ferrite, then they would
: appear to be a little pricey relative to the typical snap on ferrite chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB, 80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings up
: another question - how much ferrite at the back of the phone do you need to
: choke HF off a telephone line? I suspect that a single ferrite snap on choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or

just common mode ferrite chokes? If they are just ferrite, then they would

appear to be a little pricey relative to the typical snap on ferrite chokes which are widely available. I've got a bit of telephone RFI (100w, SSB, 80
- 10m, low dipoles) so far no luck with ferrite. Which of course brings up
another question - how much ferrite at the back of the phone do you need to choke HF off a telephone line? I suspect that a single ferrite snap on choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken
N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO glue. I fixed my own, the rest sent them in for repair. One has been repaired in other ways, but that's because N1JWR won't take the time to get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've
been Dxing. If this only had side band I would be totally happy. I run
it on a Diamond J-130 discone and i can get out and around very well.
i don't use it much for the AM air craft band, but i do listen to the
railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led
remains on in TX and RX. There is no indication on S-meter in TX, and I
suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded
it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
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----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU

Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com
writes:
|> I operate CW most of the time and am interested in either the Timewave
59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>

|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it. It does a great job on both CW and SSB, and the noise reduction works very well. You can hear your sidetone; just set the center frequency to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned that you could hear some noise if you cranked the gain way up in the absence of a signal. The unit's noise is not noticeable at all in normal operation. I can hear a little bit of noise if I crank it all the way up with no signal input, but its noise is inaudible if I feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard, their DSP probably leaves much to be desired in both performance and workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach, but you're right, Tom - it has nothing to do with the location of the supply. Some of the internal supplies run significantly more than 12-15 volts, and this can be an advantage in some cases. Better IMD and spectral purity from the PA are easier to achieve at the higher voltages (28 to 30 volts) that these internal supplies offer. It's

also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern
since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard
Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard

>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but you
must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF? Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The location of the supply and what it plugs into have no effect on the parameters mentioned.
I can think of threads of logic that may be distorted into forming that conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It
might be a bit bigger than the 811A tube, I don't know. If it will
fit, is it electrically near the 811A? What is the result, more power?
More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based
811A as opposed to the bakelite based ones? I see RF parts advertise
the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore
power out but they will last forever. Collins recommends that
you change out one of the one of the caps in the 30L-1 for
best operation with a 572B but I've tried them with a stock
unit and it seemed to work fine. If your really interested in
this mod I can dig through my stuff and tell you which cap to
change.

As far as the ceramic based 811A, I've used bakelite 811 and
811A tubes for years and have never found any problems. I
wouldn't spend any extra for a ceramic base but if its the same
price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the accuracy of this wattmeter at less than 5 watts. I have both QRP and regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP level is most important. Or...do I need to get a QRP wattmeter (I understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al and see if you can get a better handle on this. I live in Minneapolis and know the guys personally, and they will do what is necessary to make you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan)
writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>

>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they
gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83

*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are
the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time
and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap
to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset
Communicator IV. Photocopies would be fine, also. Please
email me with any offers.

Thank you and 73--
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency
display for my TS-520SE? If someone wants to sell one please contact me
at:

Phil_Hawkins@qmgate.incyte.com

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike
connector if grounded will start the VCO incrementing and a 1K ohm
resistor across the pin to ground will start the VCO decrementing, or visa
versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have
encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I
chat quite
: >quite a bit and consume more than the DC adapter is supplying to the
battery,
: >eventually I can't transmit at all (I have to wait until the battery
recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle
charge
: >the battery. Anyone else having similar problems?
~~~~~~

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then
to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)
Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--

>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct
in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo----------

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show
indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs
in the back into a 3 or 4 pin socket. If you have one of these lying
around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad
that I could use into the mic, but I would rather have a plug in unit
if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
****

End of Ham-Equip Digest V95 #364
****

Date: 23 Aug 1995 18:06:27 GMT
From: rasta@stlucia.net (Paul O'Connor)
Subject: Several Items

Timewave DSP 9+ $200.00
KW SM 230 Scope Box Manuals etc.$650.00
MFJ-989C 3K Tuner (new industor coil) $200.00
Hayes Optima 14.4 Modem.....$150.00
Yaesu MD-1 c8 Mic (never used).....$75.00

Call 717-232-2015 if interested

Date: 27 Aug 1995 06:43:05 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Yaesu FT51R

I bought one a couple of weeks ago. I haven't talked much on it, but I
have used it several times in a QSO with a friend on a repeater. On full
5 watts, it seems like it will be useable for at least twenty minutes of
back and forth talking. On the next lower power (3.5 watts, I think) it
seemed like we could just keep talking into the night. The back got a
little warm, but evidently not warm enough to do anything during the 1.5
to 2 hours I was using it.

Max
N7NWG

End of Ham-Equip Digest V95 #365
****

End of Ham-Equip Digest V95 #367
****

Date: 27 Aug 1995 11:30:47 -0400
From: capthemloc@aol.com (CaptHemloc)
Subject: Yaesu FT-11R Mods Requested

I would like to obtain a copy of the extended TX mods for the Yaesu FT-11R
(hope that's the proper designation). If anyone can help please post
information here, or E-mail to CaptHemloc@aol.com or
73662.350@compuserve.com. Or you can fax the information to 706-745-6531.
Thanks for any input.

73
KE4CTS

End of Ham-Equip Digest V95 #368
****

Date: 26 Aug 1995 23:45:39 GMT
From: rrk@indirect.com
Subject: w1fb,rtty

> daveb@buffnet.net (dave) writes:
> Interested in comments about w1fbs' contest program.
>
> Good / Bad ??
>
> thanks
>
> --- daveb ---
>
>>>>

Without a doubt, the best RTTY contest program available. You won't go wrong
or regret
getting and using this program. Count me among the many satisfied users.

Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | is a fault in reality.
Phoenix, AZ email: rrk@indirect.com |

Date: 23 Aug 1995 23:12:51 GMT
From: kk5dr@bga.com
Subject: Want band switch

I have got a good switch now.
Thanks to KF5MC

73 de KK5DR

Date: 27 Aug 1995 12:34:15 -0700
From: jmroden@crl.com (James M. Roden)
Subject: Wanted: UHF MX-300S manual

[Article crossposted from rec.radio.swap]
[Author was James M. Roden]
[Posted on 27 Aug 1995 12:32:11 -0700]

Greetings. As stated, I'm looking for an MX-300S UHF manual. Also need
prom for same. Please e-mail with info...
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio

Date: Sun, 27 Aug 1995 19:23:30 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Where can I get a gel cell battery?

morganp@fn1.freenet.edmonton.ab.ca () wrote:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?

Try:

W & W Associates
800 south Broadway
Hicksville, NY 11801-5017

800-221-0732 (toll frre in US and Canada)

If you have any local HAM Swaps in your area, you might wish to try
those as well.

Date: Wed, 23 Aug 1995 05:29:49 GMT
From: rafaels@zimmer.CSUFresno.EDU (Rafael Solis)
Subject: Yaesu FT290-II blowing lamps

A friend of mine with no net access asked me to post a question about
his Yaesu FT290 Mark II all mode 2m xceiver. He has changed the lamps
in the power meter twice and he wonders if there is a way to reduce
the voltage going to that tiny lamp. Has anyone experience burnt
lamps on this radio. Yaesu charges $30 for changing the lamp!

Thanks and 73

Rafael (KE6JSR)

End of Ham-Equip Digest V95 #369
****

Date: 24 Aug 1995 01:21:48 GMT
From: Mclawson@intersource.com (Mike Clawson)
Subject: Someone wanted IC-2GXAT mods

Thank you for the info!!!

In article <tcalof-2208951558320001@dial079.mbnet.mb.ca>,
tcalof@minet.gov.mb.ca says...
>
>Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here

are
>the ones I know about:
>
>IC-2GXAT mods:
> 1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same
time
>and turn radio ON. Or, cut diode D13 on logic unit.
> 2) Extended tx. Cut diode D14 on logic unit.
>I have done the keypad mod for extended rx and it works without any
mishap
>to the radio. 73/Terry VE4UC

Date: 27 Aug 1995 20:44:47 GMT
From: droznar@best.com (Dave Roznar)
Subject: What Happened to CALLSIGN.CS

I hope someone here knows the answer to this. I used to Telnet to....
callsign.cs.buffalo.edu 2000 and use their online callbook. I know there are a
lot of others, but this one would let you look up a persons NAME, etc. I used
it to find a friend, since he has long since changed his call.

I tried it yesterday and it did not respond with the callsign server. Anyone
know what happened, or of another one that lets you use NAME as an input?

==========
Dave Roznar - W6TGE

Saratoga, CA

email droznar@best.com
==========

Date: Fri, 25 Aug 1995 13:04:11 -0700 (PDT)
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Subject: X-tals supply house other then Jan Crystal ????

On Fri, 25 Aug 1995, Charles V. Boehnlein wrote:

> I have a radio that needs a crystal. I had a very good and quick supply house address
> and phone number but have lost it. Can anyone recommend a good quick supplier ??
>
> Charlie AD4HH
> cvb@iglou.com
>
>
Charlie, I have bought crystals from a company called "MARDEN
Electronics" 1-800-222-6093. I have been happy with them. They were for a
Mocom 70 and its working fine. The cost was 10.00 but that price (4/94) was
for a 4 week wait. The faster you want them, the more they cost. also
International Crystal is a good company. (I don't have their Phone #

handy, Sorry. Our A repeater group back in Nashville used International
with good luck. 73's Dale (KD4CVR)

Date: 27 Aug 1995 20:11:09 GMT
From: wd6dih@ix.netcom.com (Kevin Karamanos)
Subject: Yaesu FT51R

In <41q2kt$7ss@crl.crl.com> vsgregg@crl.com (Victor S. Gregg) writes:
>
>Kevin Karamanos (wd6dih@ix.netcom.com) wrote:
>: The FT-51R is designed to reduce power output only when the internal
>: temp sensor is very hot (this protects the finals). The FT-51R does
>: produce 5 watts on both 2m & 440 w/ the E-DC-12 adapter or FNB-38
>: battery.
>: 73's Kevin, WD6DIH
>: YAESU USA
>
>Kevin,
>My experience (and that of atleast one other FT-51R user here in
Atlanta)
>is that the radio is too hot to hold after as little as 15 minutes of
>back and forth at full power using the PA-10A. Recently, I was in the
>car and the radio started reducing power after about 20 minutes.
>Can you suggest a heatsink for this radio. I love the RT Systems
software,
>but I hate having to wear an oven mitt to QSO.
>
>THX and 73s de KF4BUX Victor

Hi Victor,

My first thoughts are: Check to output and make sure your friends radio
is not putting out more than 5 watts..... Also if the temp in the Car
is really hot, the radio will reduce power earlier.

FYI and 73's

Kevin, WD6DIH

Date: Thu, 24 Aug 1995 05:12:03 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Yaesu FT51R

swdecato@nps.navy.mil wrote:

>I just purchased a Yaesu FT51R. I am very happy with it but have encountered
>what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
>quite a bit and consume more than the DC adapter is supplying to the battery,
>eventually I can't transmit at all (I have to wait until the battery recharges).
>I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge

>the battery. Anyone else having similar problems?

>steve
>KA5DLB
>swdecato@nps.navy.mil

Steve, are you sure the battery power is dropping off or is it the
radio that is reducing the transmit power output? I believe the user
manual states that when you use a high power batter pack or DC
adapter, the radio may overheat from the higher power output and when
it overheats, it automatically reduces its output power level. I have
never had mine get hot enough to completely quit transmitting, but it
sounds like that might be your problem. I hope this helps...73's
Floyd WD5ENJ

End of Ham-Equip Digest V95 #370
****

Date: 26 Aug 1995 04:43:47 GMT
From: marks@fc.hp.com (Mark Sheets)
Subject: WANTED! Icom 2000H tx-mod

Does any body know how or if the IC-2000H is modifiable to Tx beyond the
normal 140 - 150 mhz spread. Need to go up in freq.

Any info. would be greatly appreciated.

Mark Sheets
marks@triton.fc.hp.com
N0ERS

Date: 28 Aug 1995 05:58:36 GMT
From: wd6dih@ix.netcom.com (Kevin Karamanos)
Subject: Yaesu FT51R

In <41r5r2$ist@newsbf02.news.aol.com> gianotti@aol.com (Gianotti)
writes:
>
>What about the Yaesu mobile adapter that has a built-in fan for
cooling?
>When I was looking at this radio right after it came out they had a
mobile
>mount that provided power and a fan for cooling. I think this item
has
>been discountinued. . . maybe Yaesu should reinstate it.
>
>Love the 51R Best HT I have had
> ____

>| John L. Gianotti KF9GW #INTERNET:
gianotti@ideanet.doe.state.in.us |
>| Dir Computer Services #VOICE: (219) 365-8551 ext 260

> |
>| Lake Central School Corp.#FAX: (219) 65-6414

> |
>|_____|
>
Hi John,

The PA-10 with a built-in fan was discontinued due to slow sales and high price. The PA-10A (without a fan) replaces the PA-10 with a lower price. Also the new E-DC-12 works great for it's low low price.

73's

Kevin, WD6DIH

End of Ham-Equip Digest V95 #371
****

1515. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWSODW7IM000G52@SIL.ORG>
Source record: 212813

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 8/27/95 4:35PM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #369

Text item:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 369

Today's Topics:
12V Nicad Batteries
Drake TR7 SSB receprtion bad
FT530 programming
Heathkit HO-10 Monitor Scope question.
Mods/Manuals for IC271E and IC471E
Need: MFJ-8621 schematic
Need help with Super super Dentron tuner
REJECTED: Ham-Equip Digest V95 #368
w1fb,rtty
Want band switch
Wanted: UHF MX-300S manual
Where can I get a gel cell battery?
Yaesu FT290-II blowing lamps

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Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 18:19:06 GMT
From: swdecato@nps.navy.mil
Subject: 12V Nicad Batteries

I recently bought two 12V 1.4ah NICAD batteries from Radio Shack.
They were designed for a laptop computer but I figured with a
cigarette lighter plug I could use them on my HT. What type of
power supply (i.e. voltage and output amperage) should I use

for these batteries?

Thanks in advance.

steve
KA5DLB
swdecato@nps.navy.mil

Date: 24 Aug 1995 15:53:49 GMT
From: archive@flash.ATC.Olivetti.Com (DCG Mktg Docmnt (Ivrea))
Subject: Drake TR7 SSB receprtion bad

Date: Sat, 26 Aug 1995 23:13:08 GMT
From: jjmartin@world.std.com (Jim Martin)
Subject: FT530 programming

hillgen@er7.rutgers.edu (the one) wrote:

:>Recently, Yaesu has come out with the FT51R which is programmable
:>(not just cloneable) through this plug.
:>An I correct in assuming that the 51 programming software would work on the
:>530? What do you think?

530 is not clonable (I have one) nor is it programmable with the 51
programming software...

As far as I know...

73 de

Jim Martin, WK1V	I speak for no one...Not
Lowell, Massachusetts	even for myself!
USAF (Ret)ained	#include "std_disclaimer.h"
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	Intentionally Left Blank

Date: Wed, 23 Aug 95 12:26:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monitor Scope question.

I recently bought a Heathkit HO-10 monitor scope at a hamfest. I'd like
to locate somebody else with one of these. I have two questions to ask
you:

1 - Do you have the manual? I am missing page 41 of my manual. The
manual say "Condensed Manual" on the front, and carries the number
595-578-1. I'd like to get the missing page. (scanned->UUencode->Email,
or FAX, or mail a copy).

2 - When the scope is in operation, the trace appears as a broken line rather than a solid line from edge to edge. As you turn up the sweep rate, the segments get smaller and more of them appear across the face of the tube (about 2 segments when slow, about 6-10 when at fast sweep). Is this normal operation? The unit works fine, and the displayed patterns look good, except for this "broken up" appearance.

This isn't the way they are shown in the manual which leads me to believe there is some signal, like a square wave, riding on the vertical deflection section (just a guess). I figured before I looked into the unit I'd ask.

Thanks in advance.

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

Date: 23 Aug 1995 11:35:55 GMT
From: Marinus Willemstijn <willemma@telkom19.telkom.ca.za>
Subject: Mods/Manuals for IC271E and IC471E

I am looking for manuals (service/Operating) for these two rigs.
Also if anyone can help me get hold of any modifications for them.

Thank you very much.

Marinus Willemstijn
ZS6MAW
Voice : +27 12 3256503
Fax : +27 12 3114438
Internet : willemma@telkom19.telkom.co.za

Date: 27 Aug 1995 13:52:56 -0400
From: skulyov@freenet.columbus.oh.us (Sergei Kulyov)
Subject: Need: MFJ-8621 schematic

Hi gang. I'm looking for the schematic of the Data radio MFJ-8621.
Will appreciate for any help.

73 ! Sergei AA8OT, UA3AP

Date: 27 Aug 1995 13:41:07 -0400
From: skulyov@freenet.columbus.oh.us (Sergei Kulyov)
Subject: Need help with Super super Dentron tuner

Hi gang. I have a Super super Dentron antenna tuner with one
missed part inside. There one air vary capacitor, balun,
couple air core coils.
Does anybody could help with schematic or suggestion about the
missed part?

Thanks,

73! Sergei AA8OT, UA3AP

Date: 27 Aug 95 15:03:54 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #368

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@ucsd.edu
To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V95 #368
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 368

Today's Topics:
Does anyone know of where I can get a battery cover plate for HTX-202
Kenwood uses false advertising?
mfj-8621 packet radio probs
REJECTED: Ham-Equip Digest V95 #367
Yaesu FT-11R Mods Requested

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policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 17:57:48 GMT
From: morganp@fn1.freenet.edmonton.ab.ca ()
Subject: Does anyone know of where I can get a battery cover plate for HTX-202

I would like a battery connection cover plate for my HTX-202 because when I
operate from external power I'm supposed to take the battery pack off but that

leaves the battery connectors to possibly get damaged, any ideas?

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo--

Date: Thu, 24 Aug 1995 16:11:54 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Kenwood uses false advertising?

In article <41aupj$4mt9@yuma.ACNS.ColoState.EDU> fiz <fiz@lamar.colostate.edu> writes:
>
>AND I WILL NEVER BUY A KENWOOD AGAIN...

You're learning. :-)

However, don't be so dogmatic, Kenwood may (insert miraculous intervention
of the Virgin here) get their act together with VHF/UHF rigs one day.
Remember, it wasn't that long ago when Yaesu couldn't build a HF rig,
now they're the top dog in that department. Changes can happen, so
keep your options open.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Sat, 26 Aug 1995 10:24:51
From: billv@olympus.net (Bill Vaughn)
Subject: mfj-8621 packet radio probs

I just received an mfj-8621 packet data radio (after waiting 8 months) I put
new factory xtals in it and retuned the unit. After checking it with my
service monitor I discovered that upon tx key the freq drifted from about 2k
away to an onfrequency condition but it took aprx a second for it to do so.

I am delaying the tx key for that amount of time but it seems to negate the
fast diode switching. It has no heater for the xtal but I have worked on many
radios with no oven that did not do this. Any suggestions for a fix.

Date: 27 Aug 95 10:23:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #367

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----- Unsent message follows -----
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To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #367
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 367

Today's Topics:
REJECTED: Ham-Equip Digest V95 #365

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Date: 27 Aug 95 07:32:38 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #365

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

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From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #365
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 365

Today's Topics:
572B tube in Collins 30L1 ???
HF Receiver Question? (2 msgs)
REJECTED: Ham-Equip Digest V95 #364
Several Items
Yaesu FT51R

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policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 95 05:17:40 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: 572B tube in Collins 30L1 ???

dsnowden@ccd.harris.com (Doug Snowden) wrote:

>Subject says it. Will the 572B tube fit in the 30L1? Physically? It
>might be a bit bigger than the 811A tube, I don't know. If it will
>fit, is it electrically near the 811A? What is the result, more
>power? More reliablity? Or a waste of money?

The 572B is virtually identical to the 811A but with a much greater
plate dissipation (160W VS 65W). Unfortunately, in order to make use
of that additional dissipation, you need to raise the plate
supply to about 2500V. Personally, I wouldn't spend the extra money
as replacements for the Collins.

>Along the same line, what is the advantage of using a ceramic based
>811A as opposed to the bakelite based ones? I see RF parts advertise
>the ceramic based ones at quite a bit more money..

I'm not aware of any advantages offered by the ceramis base, but maybe
there's another reason for the price difference. Wonder if the
ceramics are U.S. made?

73,

Jack WB3U

Date: 26 Aug 1995 21:18:48 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I don't buy this. Have you ever looked inside the supplies that come
>from Kenwood or Yaesu? They don't have current limiting or OVP in them
>at all. They don't even put an MOV on the primary in most cases. They
>are a bare bones power supply. Most people who opt to buy someone else's
>supply end up with an Astron or something similar. They have much better
>protection than the factory supplies.

>Gary

Yes Gary, but the original question was would an internal power supply
improve the RECEIVERS dynamic range, noise floor, etc.

I sure think the correct answer to that question was NO.

Date: 26 Aug 1995 17:10:09 GMT
From: amnet@ix.netcom.com (ANDRES MARTINEZ)
Subject: HF Receiver Question?

>
>>I was listening to a conversation on 75 meters the other day. These
two
>>guys were talking about the best HF transcievers on the market, and
one
>>of them made the point that a rig that had a build in AC power supply

>>always had better sensistivity, dynamic range, etc. than a radio that

>>required a 12- 15 volt external power supply.
>
>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming
that
>conclusion, but it is a giant leap.
>
>You hear a lot of strange stuff if you listen long enough.
>
>73 Tom

One reason I can think of for that being true, is that most internal
power supplies are better built by the manufacturers than a cheap
external power supply a user may use in some cases. If you use a good
quality external power supply, then the should be no difference in
reception.

andres - YV5-KRI

Date: 27 Aug 95 04:23:10 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #364

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----- Unsent message follows -----
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To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #364
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<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 364

Today's Topics:
Icom R-7000 problem
REJECTED: Ham-Equip Digest V95 #363

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Date: Wed, 23 Aug 1995 03:50:53 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: Icom R-7000 problem

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered
>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the
>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

Date: 27 Aug 95 00:33:08 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #363

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #363
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR
Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

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Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)

Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months ago,
I encountered a lot of talk about whether memory settings could be cloned from
one FT530 to another. I believe that the answer was yes and that it could be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come
out with the FT51R which is programmable (not just cloneable) through this plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level
switch for rcvd audio. It picked up rf bad enough to hear it across the
room. After installing a K-com at the handset rf could still be heard,
but it was less than 1/2 as loud as the voice at the other end of the
line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire
for each side of the line. So it appears to be just a choke. I assume
it has quite a bit more inductance than you could get by wrapping the
cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to
an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits or
: just common mode ferrite chokes? If they are just ferrite, then they would
: appear to be a little pricey relative to the typical snap on ferrite

chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
: another question - how much ferrite at the back of the phone do you need
to
: choke HF off a telephone line? I suspect that a single ferrite snap on
choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or
just common mode ferrite chokes? If they are just ferrite, then they would

appear to be a little pricey relative to the typical snap on ferrite chokes
which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
- 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
another question - how much ferrite at the back of the phone do you need to
choke HF off a telephone line? I suspect that a single ferrite snap on
choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken
N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy

Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO
glue. I fixed my own, the rest sent them in for repair. One has been
repaired in other ways, but that's because N1JWR won't take the time to
get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to
carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now
the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for
the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another
need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've
been Dxing. If this only had side band I would be totally happy. I run
it on a Diamond J-130 discone and i can get out and around very well.
i don't use it much for the AM air craft band, but i do listen to the
railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!

A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led
remains on in TX and RX. There is no indication on S-meter in TX, and I
suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded
it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com
writes:
|> I operate CW most of the time and am interested in either the Timewave
59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency
to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in

normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:

>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern
since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard
Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but
you

must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF?

Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The
location of the supply and what it plugs into have no effect on the
parameters mentioned.
I can think of threads of logic that may be distorted into forming that
conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

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Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It might be a bit bigger than the 811A tube, I don't know. If it will fit, is it electrically near the 811A? What is the result, more power? More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based 811A as opposed to the bakelite based ones? I see RF parts advertise the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore power out but they will last forever. Collins recommends that you change out one of the one of the caps in the 30L-1 for best operation with a 572B but I've tried them with a stock unit and it seemed to work fine. If your really interested in this mod I can dig through my stuff and tell you which cap to change.

As far as the ceramic based 811A, I've used bakelite 811 and 811A tubes for years and have never found any problems. I wouldn't spend any extra for a ceramic base but if its the same price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the
accuracy of this wattmeter at less than 5 watts. I have both QRP and
regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP
level is most important. Or...do I need to get a QRP wattmeter (I
understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al
and see if you can get a better handle on this. I live in Minneapolis
and know the guys personally, and they will do what is necessary to make
you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan)
writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they

gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset Communicator IV. Photocopies would be fine, also. Please email me with any offers.

Thank you and 73--
Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency display for my TS-520SE? If someone wants to sell one please contact me at:

Phil_Hawkins@qmgate.incyte.com
~~~~~

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
: >quite a bit and consume more than the DC adapter is supplying to the battery,
: >eventually I can't transmit at all (I have to wait until the battery recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then

to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six
Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to
your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF
vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)
Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct
in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo---

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show

indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs
in the back into a 3 or 4 pin socket. If you have one of these lying
around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad
that I could use into the mic, but I would rather have a plug in unit
if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
****

End of Ham-Equip Digest V95 #364
****

Date: 23 Aug 1995 18:06:27 GMT
From: rasta@stlucia.net (Paul O'Connor)
Subject: Several Items

Timewave DSP 9+ $200.00
KW SM 230 Scope Box Manuals etc.$650.00
MFJ-989C 3K Tuner (new industor coil) $200.00
Hayes Optima 14.4 Modem..............$150.00
Yaesu MD-1 c8 Mic (never used).........$75.00

Call 717-232-2015 if interested

Date: 27 Aug 1995 06:43:05 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Yaesu FT51R

I bought one a couple of weeks ago. I haven't talked much on it, but I have used it several times in a QSO with a friend on a repeater. On full 5 watts, it seems like it will be useable for at least twenty minutes of back and forth talking. On the next lower power (3.5 watts, I think) it seemed like we could just keep talking into the night. The back got a little warm, but evidently not warm enough to do anything during the 1.5 to 2 hours I was using it.

Max
N7NWG

End of Ham-Equip Digest V95 #365
****

End of Ham-Equip Digest V95 #367
****

Date: 27 Aug 1995 11:30:47 -0400
From: capthemloc@aol.com (CaptHemloc)
Subject: Yaesu FT-11R Mods Requested

I would like to obtain a copy of the extended TX mods for the Yaesu FT-11R (hope that's the proper designation). If anyone can help please post information here, or E-mail to CaptHemloc@aol.com or 73662.350@compuserve.com. Or you can fax the information to 706-745-6531. Thanks for any input.

73
KE4CTS

End of Ham-Equip Digest V95 #368
****

Date: 26 Aug 1995 23:45:39 GMT
From: rrk@indirect.com
Subject: w1fb,rtty

> daveb@buffnet.net (dave) writes:
> Interested in comments about w1fbs' contest program.
>
> Good / Bad ??
>

> thanks
>
> --- daveb ---
>
>>>>

Without a doubt, the best RTTY contest program available. You won't go wrong or regret getting and using this program. Count me among the many satisfied users.

Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | is a fault in reality.
Phoenix, AZ email: rrk@indirect.com |

Date: 23 Aug 1995 23:12:51 GMT
From: kk5dr@bga.com
Subject: Want band switch

I have got a good switch now.
Thanks to KF5MC
73 de KK5DR

Date: 27 Aug 1995 12:34:15 -0700
From: jmroden@crl.com (James M. Roden)
Subject: Wanted: UHF MX-300S manual

[Article crossposted from rec.radio.swap]
[Author was James M. Roden]
[Posted on 27 Aug 1995 12:32:11 -0700]

Greetings. As stated, I'm looking for an MX-300S UHF manual. Also need prom for same. Please e-mail with info...
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio

Date: Sun, 27 Aug 1995 19:23:30 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Where can I get a gel cell battery?

morganp@fn1.freenet.edmonton.ab.ca () wrote:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?

Try:

W & W Associates
800 south Broadway
Hicksville, NY 11801-5017

800-221-0732 (toll frre in US and Canada)

If you have any local HAM Swaps in your area, you might wish to try
those as well.

Date: Wed, 23 Aug 1995 05:29:49 GMT
From: rafaels@zimmer.CSUFresno.EDU (Rafael Solis)
Subject: Yaesu FT290-II blowing lamps

A friend of mine with no net access asked me to post a question about
his Yaesu FT290 Mark II all mode 2m xceiver. He has changed the lamps
in the power meter twice and he wonders if there is a way to reduce
the voltage going to that tiny lamp. Has anyone experience burnt
lamps on this radio. Yaesu charges $30 for changing the lamp!

Thanks and 73

Rafael (KE6JSR)

End of Ham-Equip Digest V95 #369
****

1516. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWSNHOE1I000G52@SIL.ORG>
Source record: 212814
Body handling: 1 inline base64-encoded payload block was not displayed

From: ham-equip@UCSD.EDU at internet
Date: 8/27/95 1:23AM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #364

File item:

[Inline base64-encoded payload not displayed]

1517. Need Advice: Best PC for HF digital?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <42hjq4$3pj@newsbf02.news.aol.com>
Source record: 212815

I want to buy a PC to use with HF/VHF digital modes (amtor/pactor/Clover using the HAL P38 board...slow scan...whatever). What is the best kind/brand to get? 486's seem pretty reasonable now. Any particular ones more "quiet" than others? I have always used Macintosh and don't know much abt the PC realm. All input is welcome. 73's Mike KS4DA

1518. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWSN3KF02000G52@SIL.ORG>
Source record: 212816
Body handling: 1 inline base64-encoded payload block was not displayed

From: ham-equip@UCSD.EDU at internet
Date: 8/26/95 9:33PM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #363

File item:

[Inline base64-encoded payload not displayed]

1519. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWT6FB18S000H4Q@SIL.ORG>
Source record: 212817

---------- Returned ----------
From: ham-equip@ucsd.edu at internet
Date: 8/28/95 4:00PM
To: Norm Beasley at PNG
*To: Ham-Equip@ucsd.edu at internet
Subject: Ham-Equip Digest V95 #373

Text item:

Ham-Equip Digest Mon, 28 Aug 95 Volume 95 : Issue 373

Today's Topics:
Batt voltage on FT-51R
Do the manufacturers give a damn?
DSP Filter Advice??
FT-8500 Extended Rec.
FT530 programming
Ham Store Total Stock Sellout
HF Receiver Question?
Icom 775DSP or Yeasu FT-1000D?
K-com filters and Telephone RFI
Kenwood uses false advertising?
Keyer-Paddle Input Sought
New Antenna for C508A
Opinion on Periphex batteries
Rx. Converter suppliers
TS-850S PWR control question
Two ARD 230A Linear Amps
what's mods for Icom 260E ?
What good is 6 Meters ?
Yaesu FT-11R Mods Requested
Yeasu FT-11R Xtend Tx Mod

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Aug 1995 07:20:54 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Batt voltage on FT-51R

In the manual it says to display the battery voltage while you transmit (I am assuming that this means it will display it out in the VFO or the memory channels) you need to press the sub-op button before doing the procedure to view the battery voltage (the f-key then 0, dial until you get option 25-batt vol) then press 0 instead of PTT. I have done this many times and it seems just to go back out to the memory channel or VFO, which ever I was in last. Has anyone who owns a Yaesu FT-51R gotten this to work?

Thanks

Max
N7NWG

Date: 28 Aug 1995 16:17:14 GMT
From: aga@mandalay.corp.sun.com (Tony Angerame - Sun SE)
Subject: Do the manufacturers give a damn?

I had a similar experience with Yaesu about two years ago. I have an FT-101ZD which developed a problem with several of the digits in the display. The part was no longer stocked because of the radios age 20+ years but they sent it to me anyway and free of charge. Tony at the repair center was very courteous and helpful. BTW I still have the 101 on the air and it works great after over 20 years of hamming!

Tony WA6LZH

Date: 24 Aug 1995 17:48:33 GMT
From: Robert.Redoutey@ihnp4.ucsd.edu
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com says:
>
>I operate CW most of the time and am interested in either the Timewave 59+
>or MFJ 784B. Any advice? The areas of most concern are:
>

I have the Timewave 9+, thier middle unit, and think its fantastic. Works fine and really helps pull the weak ones out of the noise. Use it mostly on CW. I have a Icom IC736 and have some noise from the receiver. When using the Timewave unit, all noise in the background is gone. Nice clear signal and nothing else. Computer is much happier receiving CW with it too!

I did try the Radio Shack, and was disapointed. Then again it was less than half as much. You will be happy with the Timewave unit, which ever unit you do buy.

Bob Redoutey
KF5KF
Round Rock, TX
redoutey@bga.com

Date: 28 Aug 1995 09:00:27 GMT
From: bgt@thomascomm.com (Brad Thomas)
Subject: FT-8500 Extended Rec.

I picked up the ADMS-2 programming softwear/cable kit for the
FT-8500 Dual Band Mobil by Yaesu. Besides being able to program
up your radio w/ 1-100 freqs very quickly, I discovered under the
"Other" file menu a choice to change the extended receive to 300-530 Mhz
on UHF. I tried it out and receives just fine up there. The cost for the
kit is around $40-60.

73's

Date: 27 Aug 1995 08:25:28 GMT
From: wd6dih@ix.netcom.com (Kevin Karamanos)
Subject: FT530 programming

In <41ne15$2kq@er7.rutgers.edu> hillgen@er7.rutgers.edu (the one)
writes:
>
>I have what may be a very unusual but interesting question. A few
months ago,
>I encountered a lot of talk about whether memory settings could be
cloned from
>one FT530 to another. I believe that the answer was yes and that it
could be
>done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has
come out with the FT51R which is programmable (not just cloneable)
through this plug.
>An I correct in assuming that the 51 programming software would work
on the
>530? What do you think?
> jay
> hillgen@eden.rutger.edu
>
Hi Jay,

It is not possible to clone the FT-530 to another FT-530. That is why
Yaesu never made a cloning cable for the FT-530. We have tried to make
a PC program for the FT-530, but no luck. The FT-11/41/51 radios were
designed to be PC programmed.

Good Luck and 73's

Kevin, WD6DIH
YAESU USA

Date: 28 Aug 1995 16:43:17 GMT
From: ussn@pacifier.com (Bob Gheri)
Subject: Ham Store Total Stock Sellout

HAM STORE TOTAL STOCK SELLOUT
For a listing of the stock send a large SASE (WITH STAMP) to :

Ham Radio Heaven
234 SE Grand Ave.
Portland, OR 97214

Date: Mon, 28 Aug 1995 09:58:45 GMT
From: dstock@hpqmdla.sqf.hp.com (David Stockton)
Subject: HF Receiver Question?

Doug Hall (doughall@nando.net) wrote:

: Actually there are some advantages to the internal supply approach,
: but you're right, Tom - it has nothing to do with the location of the
: supply.

Several things can be made to run better if more than 13.8v is
available, obviously PA stages, less obviously RX front ends, but the
thing that makes the biggest improvement is having a higher voltage
supply available to drive the varactor diodes in the synthesiser VCO.
This reduces synthesiser phase noise quite significantly. Only a tiny
current is needed, so it would be possible to have a small inverter in a
13.8v radio, with incredible screening and filtering, of course.
Unfortunately this is almost unknown.

: 12-15 volts, and this can be an advantage in some cases. Better IMD
: and spectral purity from the PA are easier to achieve at the higher
: voltages (28 to 30 volts) that these internal supplies offer.

True, but some manufacturers noted that stage gain and linearity
were improved, so they reduced the amount of feedback around a stage to
trade off the improved linearity into more stage gain still at the old
level of linearity, then used the increased gain to economise by
reducing the number of stages. The result, more profit, same PA IMD.

It's
: also easier to make a 200 watt PA when it runs on 28v, which is why
: the 200w output rigs generally have internal power supplies.

Yes, true. Considering the cost of RF versus power supply devivces,
I'd design a 13.8v mobile radio using a power inverter and a 28/48v PA,
getting some benefits from regulation removing the usual sensitivity to
slight supply variations of the output power.

Higher supply voltges are most attractive for PAs, devices are cheaper, and sometimes available surplus. The circulating currents are less, copper, track, winding losses are reduced. Output transformer ratios are less extreme

I'm unsure of the benefit of 200W output radios. If you want more than 100W, 200W doesn't make much of an improvement, you might just as well go the whole hog, and linear amplifiers are all designed to be driven by 100w radios, anyway. 100 CLEAN Watts seems ideal to me.

Cheers
David GM4ZNX

Date: Mon, 28 Aug 1995 16:30:26 GMT
From: dstock@hpqmdla.sqf.hp.com (David Stockton)
Subject: Icom 775DSP or Yeasu FT-1000D?

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: Commercial flash converters that can handle HF are rarely over 8 bit
: resolution, and that's not nearly enough. A bit of clever scaling
: should let you parallel two of these to get 16 bits. But these converters
: are still in the $100 range, I think that may be the wrong approach.

Well, the only practical way of using a pair together gives you 9 bits not 16, I'm afraid, unless you go for something pretty involved

A pair could be used in a "Residue converter" scheme where a first pass converter gets the top bits, feeds them to a >16 bit accurate fast DAC, an analogue subtraction removes the DAC output from thesignal which is then amplified and converted in the second stage to get the lower bits...

I'm currently involved with digitising video signals (a much easier task than amateur HF!) and I've got plenty of 10 bit 20 Megasample/sec Analog Devices converters kicking around, and plelty of olf pensioned off 8 bit 20 Megasample/sec flash converters too.

Some of the professional audio 1-bit oversampling devices are beginning to get interesting. AD1879 44.1 kilosample 18 bit jobs could just handle enough bandwidth for a very low IF, but 18 bits is their structural width, and their actual resolution close to the top end of their nyquist bandwidth is getting a bit degraded. I have a few samples left over from an earlier project, so I might have a go with them sometime.

Converter developers have made a push for more bits in the low speed devices, and have been pushing the speed of 8 and 10 bit devices, but they've not been so active in the speed/resolution area I'm looking for because their activities relate to proven market demand. I'm not sure there's much demand for much greater resolution in audio converters considering the 16 bit design of the CD.. it's nice to have some extra margin for overload etc and to allow digital gain control and mixing,

but, I think, they've got enough to satisfy the majority.

: A 1 bit flash converter working at HF is rather trivial, even in discretes.
: It seems to me that using a heavily oversampled 1 bit converter and
: decimation of the resulting bit stream should give us what we want without
: needing to wait for the chip makers to give us an integrated solution.

True, though I wouldn't do he decimation with discretes, although some
audiophile must be beavering away on a thermionic decimator, somewhere..
Using good quality integrators rather than IC process optimised
switched capacitor jobs might be good for the noise floot, too.

: Remember, we only have to sample at a multiple of the receiving *bandwidth*,
: and not at a mulitiple of the actual IF frequency because such sampling
: aliases down to baseband. Opinions?

There are a few snags to using ADC aliases directly, still you can
always come down to a nice low IF...

Cheers
David

Date: 28 Aug 1995 03:00:53 GMT
From: "Robert A. Kile" <midnight@accessnv.com>
Subject: K-com filters and Telephone RFI

I have found the K-Com filters quite effective when installed per
directions and recomendations. There are 2 types with different frequency
ranges (medium frequency and HF). They work well on common mode currents.

Antenna systems running moderate to high power close household wiring
doesn't help. Try moving antennas away from house if possible. Or, be
prpaired to buy several pounds of snap-on ferrites!

73, Bob KG7D

Date: 27 Aug 1995 21:44:26 GMT
From: "Robert A. Kile" <midnight@accessnv.com>
Subject: Kenwood uses false advertising?

I agree with Joel. The guy who buys a radio with expectations of using
for other than what intended should be able to read specifications
sheets. The net result is that if he can't and bitches to everyone about
it, he is either a gomer or a whiner. Many radios now on the market
require modification to just get extended receive. Some involve the out
of band transmit as well. Seek your own poison. At some point in time FCC
will mandate type acceptance of transmitters requiring that they
absolutely only work on frequencies specified.
The technical whizard who stated that dumping it back on the
manufacturer never made mention that AM at best would require 10uv of

signal to have a demodulation. Also, the technical wizard didn't mention
that he was probably using a antenna cut for 144 and the wrong
polorization as well.

KG7D

Date: 28 Aug 1995 07:47:04 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Keyer-Paddle Input Sought

In article <dddavis.17.00284D51@mindspring.com>, dddavis@mindspring.com says...
>
>I am considering a iambic paddle and keyer to help me learn the code. I see in
>the MFJ catalog a keyer combined with a Bencher paddle (MFJ-422C). I'd be
>interested in anyone's opinions as to whether this is a good way to go or if I
>should consider something else. Thanks in advance.

Like most things, it's more a matter of preference and opinion than cold hard fact as to which keyer and paddle is best. My preference is a vibroplex iambic paddle and any curtis 8044ABM based keyer. The Curtis 8044 chip is an application specific device that most keyers (including the MFJ you describe, I think) are utilizing. I was heavily into mobile CW for a while and found the BENCHER paddle would "pop its' spring" if I accidentally dropped the keyer off of the front car seat. I like the vibroplex 'cause it is VERY HEAVY and doesnt slide around.

--
73 from Joe Fitter BV2/N0IAT in Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 24 Aug 1995 16:07:18 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: New Antenna for C508A

For those interested in using BNC antennas on the C508A's SMA connector,
there are adapters available from electronics supply houses at about $40!
I managed to score one for $6 (SMA male to BNC female), plus others at
'OEM parts' in Colorado Springs, (719) 635 0771. (Note I have nothing to
gain from this - just helping out other hams).

Of course, mounting a BNC connector on such a tiny HT tends to stress the
mechanics of the SMA connector. Best way is to let the HT hang off the
BNC antenna .....

73s

Rob
ZL2AXQ
Mill Valley CA

Date: 27 Aug 1995 00:20:15 GMT
From: lynch@galileo.ucsd.edu (Scott Lynch)
Subject: Opinion on Periphex batteries

I purchased a FND-26 battery for my Yeasu ft-530 about one
year ago from Periphex. The price was right, about half what
Yeasu wanted for the same battery.

Recently, the battery quite taking a charge. I have not really
used it that many times (maybe 15-20 charges). I just wanted
to know, is this a case of you get what you pay for or was it
just a fluke that this particular battery went bad.

The battery that came with the radio is still working fine and it
has gone through several more charging cycles than the one
I purchased from Periphex.

Anyone else out there had a good or bad experience with Periphex
batteries.

Scott Lynch
KC7ADV

lynch@chdasic.sps.mot.com

Date: Sat, 26 Aug 95 01:35:05 -0500
From: Andrew Naylor <anaylor@delphi.com>
Subject: Rx. Converter suppliers

Does anybody have the names/numbers for suppliers of receive converters.
Thanks, Andrew
N0UJT

Date: Mon, 28 Aug 1995 16:20:15 GMT
From: chipa@eskimo.com (Chip Adams)
Subject: TS-850S PWR control question

Anyone know which pot to tweak in order to lower the minimum power
output of the TS-850S below 10 watts? I haven't popped for the
$50 service manual (yet).

Chip, K7LR
chipa@eskimo.com

Date: 28 Aug 1995 16:39:17 GMT
From: ussn@pacifier.com (Bob Gheri)
Subject: Two ARD 230A Linear Amps

See May 1989 QST Pgs 43-46
The Elite of Amps.
$2995 (With 10 meter Mod.)
$3495 (Mod. by ARD Emoloyee) Best ever.
$450 Parts Box for Above

Call Ken at (503) 233-5175

Date: 21 Aug 1995 12:37:00 GMT
From: capi@hds.univ-compiegne.fr ()
Subject: what's mods for Icom 260E ?

is there any mods for the icom 260E ?
many thanks for your reply and best 73 from f1tyn in jn19pu

Date: 28 Aug 1995 10:43:37 -0400
From: billo88@aol.com (BILLO88)
Subject: What good is 6 Meters ?

6 meters along with a few other bands (10&17) offer a good alternative to
the crowded conditions and numerous nets. In my area there are many ops
on 6, 6 meter repeaters and there is another thing.....the yagi ain't that
big. bill, grid em73....BTW the next solor cycle has begun....
billo88@aol.com

Date: 28 Aug 1995 07:27:01 GMT
From: "Lyle Tanner (KC7IPY)" <ltanner@indirect.com>
Subject: Yaesu FT-11R Mods Requested

I got this posting off the oak.oakland.edu ftp server:

>>>

Date: 18 Jan 1994 15:47:44 GMT
From: ijordan@freenet2.scri.fsu.edu (Ian Jordan)
Subject: Yeasu FT-11R Xtend Tx Mod

This mod gives you extended transmission range on a Yeasu FT-11R.

I have knowlege that this mod works, but take no responsibility for any
damage it does to your radio, the legality of this mod, or any other
incurred damages.

After the mod a FT-11R will have:

Recieve: 110.000-135.995 (AM) 136.000-180.000 (FM)
Transmit: 136.000-180.000 (FM)
Empty Memories and a completely reset radio

First, Remove the antenna, battery pack, and pocket clip (if installed)
from the radio. Then remove the four black screws from the corners of
the main section of the radio, the two black screws from the bottom center
section of the main body, and the two silver screws from the bottom of the
keyboard section. Now carefully separate the back and front halves of the
radio, taking care not to put too much strain on the internal ribbon cable,
or loose the small metal strap holder or the battery release button.
Once you have opened the radio, carefully remove the metal plate covering
the back of the keyboard. Then remove the "AF" pcboard by first removing
the two copper screws in the middle of the board, then holding the bottom
of the pcboard and the mic/speaker jacks between your thumb and forefinger
and pulling straight up. This may take a little force, as you are
seperating two connectors. Once you have the "AF" board removed, set it and
the connector/keyboard backplane board aside. Now look at the lower left
corner of the controller board. You should see the 8 jumpers (they are very
small), set up like this:

Top of radio

L A o-o o o E I don't know how the jumpers relate to the
E B o-o o o F ones on the schematic, so the letters are just
F C o o o/o G for reference in this article
T D o-o o o H
"-" means a solder jumper, and "/" means resistor

These are the functions of the jumpers that I know of:
A- Turns your radio into the euro version (TX between 144.000-146.000)
B- ?
C- ?
D- This is the important one. Gives you extened TX range
E- Turns your radio into the 440Mhz version. Not Suggested!
F- ?
G- ?
H- Same as jumper "E"

The only jumper that this mod deals with is "D". It currently has a solder
jumper across it. Remove the solder across the jumper with really small
solder wick or a desoldering station, taking care not to touch any plastic
with your soldering iron. Once this solder jumper is removed, you now
have extened tx range. Now carefully replace the "AF" board first, and
then the connector/keyboard backplane board. Take care to get the copper
grounding connector on the side of the mic/speaker jacks well seated.
Replace the two copper screws in the middle of the "AF" board, and the two
silver screws on the bottom of the keyboard. Replace the battery eject
button and strap holder, and then replace the back half of the radio. Replace all
the screws, put the battery and antenna back on, and turn the radio on.
You should see 144.000 on the screen. Turn the radio off and the hold the
MHZ/\ and MHZ\/ buttons while turning the radio on. You now have the transmit
range between 136.000-180.000.
As a suggestion, you can store completely different transmit and
recieve frequencies in a memory (see manual), so if you store a service
frequency in a memory, you can program a legal HAM frequency as the

transmit freq. so you never accidently transmit on an illegal frequency.

Another neat feature that I have found on these radios is the
"Clone" feature. You can transfer all memories from one FT-11R to
another FT-11R. First, make a cable using two male stereo 1/8"
connectors,
and connecting the top(gound) and middle conductors of the plugs straight
through. Don't connect the tip conductors together though. Plug this cable
into the earphone jacks of the two radios, and on each radio, hold down the
"FM" button while turining it on. You should see every character flashing
on the screen. Now, on the radio which you wish to recieve the memory
contents from the other radio, press the MHZ\/ button. You should see
"RX CLN" on the screen. Then on the radio which is to send it's memory
contents, press the MHZ/\ button. "TX CLN" should appear on the screen for
about 5 seconds, then it should return to the flashing screen state. The
recieving radio should now be in normal operating mode. Turn both radios
off, and remove the cable. That's it. This function overwrites all of
the recieving radio's mem contents, and copies everything from memories
to pager codes to the status of the light. WARNING: The instant that you
hit the MHZ\/, your memories are GONE, even if the transfer is unsuccessful!
Also, both radios must have the same jumper settings to successfully
complete the cloning process.

That's all I know for now! Have fun!

Any other questions? Contact me at "ijordan@freenet.fsu.edu"

--
* * Ian Jordan * *
>>>

Hope this was what you were looking for...
--

Lyle Tanner
KC7IPY, ICP927
ltanner@indirect.com
http://www.disaster.net/icp/

End of Ham-Equip Digest V95 #373
****

1520. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWT63S11E000H4Q@SIL.ORG>
Source record: 212818

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 8/28/95 6:30AM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #372

Ham-Equip Digest Mon, 28 Aug 95 Volume 95 : Issue 372

Today's Topics:
ASTRON address needed
BRUNELLE INSTRUMENTS MODEL 3020 MANUAL WANTED
Comparison of small full feature HF rigs (Kenwood, Alinco, Yeasu?)
Do the manufacturers give a damn?
IC-706 Any Feedback?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 14:28:13 GMT
From: oops@msg.ti.com
Subject: ASTRON address needed

In <41ieef$1oi@scratchy.mi.net>, root@mi.net (Admin) writes:
>I'm looking to get in touch with Astron (the power supply
>people). Does anyone know where they are located?
>
Try this address:

Astron Corp.
9 Autry
Irvine, CA. 92718
(714) 458-7277
73 Mitchell
KC5MKW

Std. disclaimer: I speak only for myself.

>Thanks
>Derek
>
>--
>---
>Derek Billingsley VE9IS Maritime Internet Services Inc. info@mi.net
>Director, Network Services 28 King St., Saint John, NB gopher.mi.net
>Email: derekb@mi.net Tel: (506)-652-3624
http://www.mi.net

Date: Wed, 16 Aug 1995 23:48:55 AST
From: mallorys@nbnet.nb.ca (Stephen Mallory)
Subject: BRUNELLE INSTRUMENTS MODEL 3020 MANUAL WANTED

I am posting the followinginformation for a good friend of mine. If you prefer, you can e-mail me with a response and I will pass the information on to him.

Thanks for the help.

Steve VE9SHM
mallorys@nbnet.nb.ca

Howdy, and thanks for your interest!

I'm looking for in particular a service manual for a BRUNELLE INSTRUMENTS model 3020 function generator, which was made in Sherbrooke, Quebec. Any other info such as operators manual or schematic would also be appreciated muchly!

Please reply via SR or to address below advising availability and cost.

THANKS MUCH!

73's - Gord Skiffington VE1AJF @VE1FUN.#SENB.NB.CA
R.R. 3,
Hillsborough, N.B.
E0A 1X0

(506) - 734-2852

Date: 28 Aug 1995 09:24:32 GMT
From: Ray Wilson <n3rkh@omni.voicenet.com>
Subject: Comparison of small full feature HF rigs (Kenwood, Alinco, Yeasu?)

ltinaro@infi.net wrote:
>
> I am interested in picking up a small full function HF rig. The original
> choice was the Kenwood TS-50 but now there is the Alinco DX-70 (?)
> and also a Yeasu model that I can't think of just now. Does anyone have
> any pros or cons on any of these rigs? Also, what are the street prices
> on these currently? Any comments apprieciated.

>
> Pete Borders - WB4TKA

Pete,

I bought an Alinco DX-70...neat radio but the noise blanker
is terrible.

Good luck.

Ray.

Date: 28 Aug 1995 06:06:57 GMT
From: wd6dih@ix.netcom.com (Kevin Karamanos)
Subject: Do the manufacturers give a damn?

In <41r1g2$h9b@newsbf02.news.aol.com> edandsusan@aol.com (EDANDSUSAN)
writes:
>
>Hi all,
>
>Just wondering what experience folks have had with the "big three", or
>others, and their response to e-mail. You would think these
technological
>giants would be "online", wouldn't you? The companies advertise their
>e-mail addresses, so you would think they read it !
>
>My experiences vary-
>
>Kenwood: I have written twice, asking about spare parts for some 10
year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks.
I
>know, the radios are old, but the way I see it, if I can't get spares
info
>for these,, why should I think it would be any different with new
gear?
>
>Icom: I wrote, asking for modification info, and clarification of the
>manual, for the IC-2340. I received a reply the next day, with a
follow-up
>letter via US mail. I had already purchased the radio, so ICOM had
nothing
>really to gain by being so fast.
>
>Yaesu: I have not had experience with Yaesu.
>
>Are these responses normal??
>
>73 de KE4WXY, Ed

>
>
>+++
>
> edandsusan@aol.com (Ed Tilley)
>
> If you're under control, you're not driving fast
>enough..................
>
> Bondo in your doors is a sign of
>courage.................................Parnelli Jones

Hi Ed,

I can speak for Yaesu USA. I have to admit that we are slow to get on line. But, by year's end we will have a www page for Sales and hopefully service. So please hang in there. You can also reach us at yaesuusa@ix.netcom.com. We try to check email every day but, we travel around the country doing 3-4 shows a month so sometimes it takes 2-4 days for a response. Someday in the future we will have people full time taking service questions via email.

73's

Kevin, WD6DIH
YAESU USA

Date: 27 Aug 1995 22:54:01 -0700
From: dhinch@cello.gina.calstate.edu (David L. Hinch)
Subject: IC-706 Any Feedback?

I just saw the ad in the new QST for the IC-706. Has anyone seen one and had any experience with it? Looks pretty interesting. Any info on the pricing? Thanks in advance.

73 Dave KE6MYC
--

End of Ham-Equip Digest V95 #372
****

1521. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWTOOE30Y000HG6@SIL.ORG>
Source record: 212819

---------- Returned ----------
From: ham-equip@ucsd.edu at internet
Date: 8/29/95 7:47AM
To: Norm Beasley at PNG
*To: Ham-Equip@ucsd.edu at internet
Subject: Ham-Equip Digest V95 #375

Text item:

Ham-Equip Digest Tue, 29 Aug 95 Volume 95 : Issue 375

Today's Topics:
REJECTED: Ham-Equip Digest V95 #371
What Happened to CALLSIGN.CS

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Aug 95 05:11:58 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #371

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #371
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Mon, 28 Aug 95 Volume 95 : Issue 371

Today's Topics:
2 Meter + Business VHF
DSP Filter Advice??
Gateful dead on PBS
Icom IC-24AT help
Opinion on Periphex batteries
REJECTED: Ham-Equip Digest V95 #370
WANTED! Icom 2000H tx-mod
Yaesu FT51R

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policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 07:14:10 GMT
From: Cedric Brown <72401.2427@CompuServe.COM>
Subject: 2 Meter + Business VHF

The question is: Are there any radios that can do 2m FM and High Band
commercial?

The Bendix/King and other were mentioned. Add to this the Motorola Saber
handheld.These can be found on the used market. It helps if you have a source
inside of Motorola. If you want a mobile try a Motorola Syntor, and if you
what complete frequency agility as opposed to a prom-bound radio you need to
get yourself an Anaconda control head for the Sytor, I don't have the address
handy but I will post it later.

Cedric

Date: 24 Aug 1995 00:22:53 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: DSP Filter Advice??

>I operate CW most of the time and am interested in either the Timewave
59+
>or MFJ 784B. Any advice? The areas of most concern are:

I've had both here and the MFJ is much better for CW.

>Does the unit generate its own noise? This is really irritating when I
>use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
>for selectivity. I listen with headphones. QST panned the 59+ in this
>area.

I've heard the early 784 sucked in this area, but the 784B I use is very very quiet.

>How does the unit handle CW spotting?

You push a button and hear a tone that matches the filter center frequency. Like zero beating.

> Can you hear your own sidetone if it's the same frequency as the received >signal?

You can either program the sidetone internally or use a T/R line that bypasses the filter on TX. I bypass mine and run QSK with no problems.

>How well does the noise reducton feature work?

OK, but better with wide selectivity. I think any audio noise limiter is asking for a lot though!

>Thanks Gary WB7FCQ

73 Tom

Date: 27 Aug 1995 20:57:16 -0700
From: teixeira@ccnet.com (TEIXEIRA)
Subject: Gateful dead on PBS

"What A Long Strange Trip It's Been"

eugene nick (enick@unlinfo.unl.edu) wrote:
: Does anyone know what mod's can be done to a Kenwood 241a @m Rid? I
: don't want the mod's I just want to know???
: --
: HERE'S TO A LONG LIFE AND MERRY ONE!
: A QUICK DEATH AND A EASY ONE
: A GOOD LOVER AND A TRUE ONE
: A COLD BEER AND ANOTHER ONE!!!

Date: Thu, 24 Aug 95 04:21:30 GMT
From: randyrho@drycas.club.cc.cmu.edu
Subject: Icom IC-24AT help

In Article <coanDDpvCz.Mq1@netcom.com>
coan@netcom.com (John Coan) writes:
>Gary, my BNC connector on this radio keeps coming loose ... and I took it
[snip]

Yep, my ICOM 24-ATs had the same problem. The way I fixed 'em was to slightly mash the threads on the BNC where the spanner nut holds the BNC to the case, then torque the nut down as tightly as possible. Then re-solder the wire inside the case. I had intended to locktite the BNC but haven't needed to. They are staying in place despite

repeated duckie removal and car antenna hooking. Even the briefcase
bend hasn't bothered them. It's been well over a year since I fixed
them and so far no trouble.
The biggest trouble I have now is the ^%$#@* power jack keeps failing.
73s
Randy

Date: 27 Aug 1995 21:54:18 GMT
From: "Bruce J. Goldstein" <wa3afs@mhv.net>
Subject: Opinion on Periphex batteries

I have used there replacement inserts and batteries for several years
without a single failure. I believe the batteries (700 mah AA) are now
about 4 years old and have undergone well over a 100 cycles. I do try to
recharge ONLY when the the radio complains about them. Almost never do I
charge them when they are in the middle.lynch@galileo (Scott Lynch)
wrote:
>.
>
>Anyone else out there had a good or bad experience with Periphex
>batteries.
>
>Scott Lynch
>KC7ADV
>
>lynch@chdasic.sps.mot.com
>
>
lynch@galileo (Scott Lynch) wrote:
>
>

Date: 28 Aug 95 01:24:48 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #370

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@ucsd.edu
To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V95 #370
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 370

Today's Topics:
2m/70cm Handheld Reccomendations ?
AEA Isopoles for 2 meters??
Equipment donations appreciated
Icom 775DSP Any comments from new owners?
Icom 775DSP or Yeasu FT-1000D?
ICOM REPAIR, CANADA PHONE NUMBER
Need Extend RX/TX for YAESU FT2500
REJECTED: Ham-Equip Digest V95 #369
Someone wanted IC-2GXAT mods
What Happened to CALLSIGN.CS
X-tals supply house other then Jan Crystal ????
Yaesu FT51R (2 msgs)

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Aug 1995 14:00:51 -0600
From: dcomer@mack.rt66.com (David M. Comer)
Subject: 2m/70cm Handheld Reccomendations ?

Probably a FAQ, but I'm new to HAM....

I just passed my no-code yesterday and am looking to purchase an 2m/70cm
handheld. 1-1/4 would be nice, but... What I would like is to hear from
some experienced handheld users as to the types of features that are
particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
are any particular units worth considering, I'd appreciate some input as
to your experience with the units. I appreciate your input. Feel free to
e-mail me, however, I would guess that there are plenty of new HAMs
looking for the same, so a post is preferred.

73

Dave Comer (Waiting on the FCC)

dcomer@rt66.com

Date: Thu, 24 Aug 1995 16:22:57 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: AEA Isopoles for 2 meters??

In article <41657n$sjq@sanews.uswc.uswest.com> "Dennis A. Mason" <damason>
writes:
>i'm not sure about the isopole for 2 mtr's , but i had one for the 440
>and was not very impressed with it. i could hit repeaters with my
>rubber duck ant. better than the isopole ant.
>this is my experience with them.
>73 gud luck
>kd4gan

Something was wrong with that Isopole, or its feedline. The 440 Isopole
is a very well made antenna, and normally works quite well. (Of course
it doesn't have the gain of a big colinear, but what did you expect?
It should easily outperform a Ringo or a rubber duck.)

The 2m Isopole is a bit cheesier, you have to supply the mast part
yourself. If you put it together right, and get good electrical
connections to the mast you supply, it'll still beat a 2m Ringo
(of course nearly anything will).

Hmmm, it seems I'm damning the Isopoles with faint praise. Well, they
aren't the best antennas out there, and they aren't the cheapest antennas
for what they do, but still they aren't as bad as your experience would
indicate.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Sat, 26 Aug 1995 18:55:36
From: rfs@usa.net (Rich Scheuerer)
Subject: Equipment donations appreciated

I have recently introduced a number of students, by way of a short class,
to amateur radio. The response by them was very positive and I have made one
of my goals for this next semester to get a station going for them at the
school. Equipment donation of any sort would be very helpful.

The school is called the Challenge School and is a charter school for the
Cherry Creek School district located in southeast Aurora, Colorado. It
emphasizes education in the sciences and a station would fit right in with
not
only their curriculum but the interest expressed by many students I have
spoken with. The grades of focus are 3rd to 8th, with middle school grades
(6,7,8) being where the most interest has been.

For myself, this is a first experience, and am very much looking forward to
following thru on this if I can get the needed gear. Unfortunately, there is
not any current funding for it so donations is the way to go.

If you have any donations, I will provide you with a receipt clearly indicating the schools appreciation and the approximate value if you would like for tax deductibility. Please enclose the estimated value of the equipment if you have any idea. This station is starting from zero, so anything would be great and we are very much hoping someone has a tranceiver which they would like to pass along to a very curious bunch of kids!

Thanx much,

Rich Scheuerer, K0ZX aka rfs@usa.net
18156 East Baker Place
Aurora, Colorado 80013-5406

Any questions or suggestions, buzz me @ 303-751-1169

Date: 23 Aug 1995 23:26:15 GMT
From: Fewkes <kg7mz@worldaccess.com>
Subject: Icom 775DSP Any comments from new owners?

I am looking at possibly purchasing this rig. Any feed-back from new owners or anybody who has learned anything about the performance of this rig would be
appreciated.

Date: Thu, 24 Aug 1995 15:19:52 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Icom 775DSP or Yeasu FT-1000D?

In article <DDo4D1.GpD@hpqmoea.sqf.hp.com> dstock@hpqmdla.sqf.hp.com (David Stockton) writes:
> DSP
> **********
>
> Things are changing fast, but I'm looking for a converter that can
>digitise, say, a 15 kHz IF with *at least* 18 bits of true, reliable,
>dynamic range. Remember, digital systems don't degrade gracefully, they
>just hit endstops, hard, so you need to be very careful about overload
>margins. I would use such a converter in a receiver that had very little
>overall gain from the antenna to the converter. These have not yet
>emerged on the industrial/military market, and there would be a further
>delay before the price entered the amateur range, and new transceivers
>were designed around them. (not just stuck on the tail end, a full new
>design from scratch is needed)

Commercial flash converters that can handle HF are rarely over 8 bit resolution, and that's not nearly enough. A bit of clever scaling should let you parallel two of these to get 16 bits. But these converters are still in the $100 range, I think that may be the wrong approach.

A 1 bit flash converter working at HF is rather trivial, even in discretes. It seems to me that using a heavily oversampled 1 bit converter and

decimation of the resulting bit stream should give us what we want without needing to wait for the chip makers to give us an integrated solution. Remember, we only have to sample at a multiple of the receiving *bandwidth*, and not at a mulitiple of the actual IF frequency because such sampling aliases down to baseband. Opinions?

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 27 Aug 1995 09:55:57 GMT
From: aa766@freenet.hamilton.on.ca (Michael Panopoulos)
Subject: ICOM REPAIR, CANADA PHONE NUMBER

Hello and many thanks for reading this. I am in need of a telephone number, address, e-mail address (anything) for ICOM. I wud like to contact them for parts.

73 Mike VE3AHQ

--

Date: 28 Aug 95 10:16:09 GMT
From: py3dzz@lec-bbs.pu3akm.ampr.ORG
Subject: Need Extend RX/TX for YAESU FT2500

Hello to all!

Y need modifications for extend rx/tx for YAESU FT 2500.

tanks in advanced

Please send a mail for:
PY3DZZ2LEC-BBS.PSICO.UFRGS.BR
PY3DZZ@LEC-BBS.PSICO.UFRGS.BR
PY3DZZ@PY3DZZ.AMPR.ORG

73. Claudio

Mailbox : PY3DZZ @ PY3DZZ.RS.BRA.SA
AMPRNet : py3dzz@py3dzz.ampr.org

Date: 27 Aug 95 19:35:04 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #369

----- Mail rejected by CEO. -----
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To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #369
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 369

Today's Topics:
12V Nicad Batteries
Drake TR7 SSB receprtion bad
FT530 programming
Heathkit HO-10 Monitor Scope question.
Mods/Manuals for IC271E and IC471E
Need: MFJ-8621 schematic
Need help with Super super Dentron tuner
REJECTED: Ham-Equip Digest V95 #368
w1fb,rtty
Want band switch
Wanted: UHF MX-300S manual
Where can I get a gel cell battery?
Yaesu FT290-II blowing lamps

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 18:19:06 GMT
From: swdecato@nps.navy.mil
Subject: 12V Nicad Batteries

I recently bought two 12V 1.4ah NICAD batteries from Radio Shack.
They were designed for a laptop computer but I figured with a
cigarette lighter plug I could use them on my HT. What type of
power supply (i.e. voltage and output amperage) should I use
for these batteries?

Thanks in advance.

steve
KA5DLB
swdecato@nps.navy.mil

Date: 24 Aug 1995 15:53:49 GMT
From: archive@flash.ATC.Olivetti.Com (DCG Mktg Docmnt (Ivrea))
Subject: Drake TR7 SSB receprtion bad

Date: Sat, 26 Aug 1995 23:13:08 GMT
From: jjmartin@world.std.com (Jim Martin)
Subject: FT530 programming

hillgen@er7.rutgers.edu (the one) wrote:

:>Recently, Yaesu has come out with the FT51R which is programmable
:>(not just cloneable) through this plug.
:>An I correct in assuming that the 51 programming software would work on the
:>530? What do you think?

530 is not clonable (I have one) nor is it programmable with the 51
programming software...

As far as I know...

73 de

Jim Martin, WK1V	I speak for no one...Not
Lowell, Massachusetts	even for myself!
USAF (Ret)ained	#include "std_disclaimer.h"
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	Intentionally Left Blank

Date: Wed, 23 Aug 95 12:26:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monitor Scope question.

I recently bought a Heathkit HO-10 monitor scope at a hamfest. I'd like
to locate somebody else with one of these. I have two questions to ask
you:

1 - Do you have the manual? I am missing page 41 of my manual. The
manual say "Condensed Manual" on the front, and carries the number
595-578-1. I'd like to get the missing page. (scanned->UUencode->Email,
or FAX, or mail a copy).

2 - When the scope is in operation, the trace appears as a broken line
rather than a solid line from edge to edge. As you turn up the sweep
rate, the segments get smaller and more of them appear across the face
of the tube (about 2 segments when slow, about 6-10 when at fast
sweep). Is this normal operation? The unit works fine, and the

displayed patterns look good, except for this "broken up" appearance.

This isn't the way they are shown in the manual which leads me to
believe there is some signal, like a square wave, riding on the
vertical deflection section (just a guess). I figured before I looked
into the unit I'd ask.

Thanks in advance.

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

Date: 23 Aug 1995 11:35:55 GMT
From: Marinus Willemstijn <willemma@telkom19.telkom.ca.za>
Subject: Mods/Manuals for IC271E and IC471E

I am looking for manuals (service/Operating) for these two rigs.
Also if anyone can help me get hold of any modifications for them.

Thank you very much.

Marinus Willemstijn
ZS6MAW
Voice : +27 12 3256503
Fax : +27 12 3114438
Internet : willemma@telkom19.telkom.co.za

Date: 27 Aug 1995 13:52:56 -0400
From: skulyov@freenet.columbus.oh.us (Sergei Kulyov)
Subject: Need: MFJ-8621 schematic

Hi gang. I'm looking for the schematic of the Data radio MFJ-8621.
Will appreciate for any help.

73 ! Sergei AA8OT, UA3AP

Date: 27 Aug 1995 13:41:07 -0400
From: skulyov@freenet.columbus.oh.us (Sergei Kulyov)
Subject: Need help with Super super Dentron tuner

Hi gang. I have a Super super Dentron antenna tuner with one
missed part inside. There one air vary capacitor, balun,
couple air core coils.

Does anybody could help with schematic or suggestion about the
missed part?

Thanks,

73! Sergei AA8OT, UA3AP

Date: 27 Aug 95 15:03:54 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
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To: Ham-Equip@ucsd.edu
Subject: Ham-Equip Digest V95 #368
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CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 368

Today's Topics:
Does anyone know of where I can get a battery cover plate for HTX-202
Kenwood uses false advertising?
mfj-8621 packet radio probs
REJECTED: Ham-Equip Digest V95 #367
Yaesu FT-11R Mods Requested

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 17:57:48 GMT
From: morganp@fn1.freenet.edmonton.ab.ca ()
Subject: Does anyone know of where I can get a battery cover plate for
HTX-202

I would like a battery connection cover plate for my HTX-202 because when I
operate from external power I'm supposed to take the battery pack off but
that

leaves the battery connectors to possibly get damaged, any ideas?

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo----------
-

Date: Thu, 24 Aug 1995 16:11:54 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Kenwood uses false advertising?

In article <41aupj$4mt9@yuma.ACNS.ColoState.EDU> fiz
<fiz@lamar.colostate.edu> writes:
>
>AND I WILL NEVER BUY A KENWOOD AGAIN...

You're learning. :-)

However, don't be so dogmatic, Kenwood may (insert miraculous intervention
of the Virgin here) get their act together with VHF/UHF rigs one day.
Remember, it wasn't that long ago when Yaesu couldn't build a HF rig,
now they're the top dog in that department. Changes can happen, so
keep your options open.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Sat, 26 Aug 1995 10:24:51
From: billv@olympus.net (Bill Vaughn)
Subject: mfj-8621 packet radio probs

I just received an mfj-8621 packet data radio (after waiting 8 months) I put
new factory xtals in it and retuned the unit. After checking it with my
service monitor I discovered that upon tx key the freq drifted from about 2k
away to an onfrequency condition but it took aprx a second for it to do so.

I am delaying the tx key for that amount of time but it seems to negate the
fast diode switching. It has no heater for the xtal but I have worked on
many
radios with no oven that did not do this. Any suggestions for a fix.

Date: 27 Aug 95 10:23:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
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CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 367

Today's Topics:
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Date: 27 Aug 95 07:32:38 GMT
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CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 365

Today's Topics:
572B tube in Collins 30L1 ???
HF Receiver Question? (2 msgs)

REJECTED: Ham-Equip Digest V95 #364
Several Items
Yaesu FT51R

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policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 95 05:17:40 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: 572B tube in Collins 30L1 ???

dsnowden@ccd.harris.com (Doug Snowden) wrote:

>Subject says it. Will the 572B tube fit in the 30L1? Physically? It
>might be a bit bigger than the 811A tube, I don't know. If it will
>fit, is it electrically near the 811A? What is the result, more
>power? More reliablity? Or a waste of money?

The 572B is virtually identical to the 811A but with a much greater
plate dissipation (160W VS 65W). Unfortunately, in order to make use
of that additional dissipation, you need to raise the plate
supply to about 2500V. Personally, I wouldn't spend the extra money
as replacements for the Collins.

>Along the same line, what is the advantage of using a ceramic based
>811A as opposed to the bakelite based ones? I see RF parts advertise
>the ceramic based ones at quite a bit more money..

I'm not aware of any advantages offered by the ceramis base, but maybe
there's another reason for the price difference. Wonder if the
ceramics are U.S. made?

73,

Jack WB3U

Date: 26 Aug 1995 21:18:48 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I don't buy this. Have you ever looked inside the supplies that come
>from Kenwood or Yaesu? They don't have current limiting or OVP in them
>at all. They don't even put an MOV on the primary in most cases. They
>are a bare bones power supply. Most people who opt to buy someone else's

>supply end up with an Astron or something similar. They have much better
>protection than the factory supplies.

>Gary

Yes Gary, but the original question was would an internal power supply
improve the RECEIVERS dynamic range, noise floor, etc.

I sure think the correct answer to that question was NO.

Date: 26 Aug 1995 17:10:09 GMT
From: amnet@ix.netcom.com (ANDRES MARTINEZ)
Subject: HF Receiver Question?

>
>>I was listening to a conversation on 75 meters the other day. These
two
>>guys were talking about the best HF transcievers on the market, and
one
>>of them made the point that a rig that had a build in AC power supply

>>always had better sensistivity, dynamic range, etc. than a radio that

>>required a 12- 15 volt external power supply.
>
>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming
that
>conclusion, but it is a giant leap.
>
>You hear a lot of strange stuff if you listen long enough.
>
>73 Tom

One reason I can think of for that being true, is that most internal
power supplies are better built by the manufacturers than a cheap
external power supply a user may use in some cases. If you use a good
quality external power supply, then the should be no difference in
reception.

andres - YV5-KRI

Date: 27 Aug 95 04:23:10 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
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CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 364

Today's Topics:
Icom R-7000 problem
REJECTED: Ham-Equip Digest V95 #363

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policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 1995 03:50:53 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: Icom R-7000 problem

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered
>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the
>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

Date: 27 Aug 95 00:33:08 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #363

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Subject: Ham-Equip Digest V95 #363
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CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR
Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

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policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)
Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months ago,
I encountered a lot of talk about whether memory settings could be cloned from
one FT530 to another. I believe that the answer was yes and that it could be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come
out with the FT51R which is programmable (not just cloneable) through this plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level
switch for rcvd audio. It picked up rf bad enough to hear it across the
room. After installing a K-com at the handset rf could still be heard,
but it was less than 1/2 as loud as the voice at the other end of the
line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire
for each side of the line. So it appears to be just a choke. I assume
it has quite a bit more inductance than you could get by wrapping the
cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to
an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits

or
: just common mode ferrite chokes? If they are just ferrite, then they
would
: appear to be a little pricey relative to the typical snap on ferrite
chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
: another question - how much ferrite at the back of the phone do you need
to
: choke HF off a telephone line? I suspect that a single ferrite snap on
choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or
just common mode ferrite chokes? If they are just ferrite, then they would

appear to be a little pricey relative to the typical snap on ferrite chokes
which are widely available. I've got a bit of telephone RFI (100w, SSB,
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- 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
another question - how much ferrite at the back of the phone do you need to
choke HF off a telephone line? I suspect that a single ferrite snap on
choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken
N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO
glue. I fixed my own, the rest sent them in for repair. One has been
repaired in other ways, but that's because N1JWR won't take the time to
get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to
carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now
the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for
the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another
need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've
been Dxing. If this only had side band I would be totally happy. I run
it on a Diamond J-130 discone and i can get out and around very well.
i don't use it much for the AM air craft band, but i do listen to the

railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led
remains on in TX and RX. There is no indication on S-meter in TX, and I
suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded
it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
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----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #361
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?
REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com
writes:
|> I operate CW most of the time and am interested in either the Timewave
59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency
to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the

absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:

>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern
since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard
Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but
you

must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF?

Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The
location of the supply and what it plugs into have no effect on the
parameters mentioned.
I can think of threads of logic that may be distorted into forming that
conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
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To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It might be a bit bigger than the 811A tube, I don't know. If it will fit, is it electrically near the 811A? What is the result, more power? More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based 811A as opposed to the bakelite based ones? I see RF parts advertise the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore power out but they will last forever. Collins recommends that you change out one of the one of the caps in the 30L-1 for best operation with a 572B but I've tried them with a stock unit and it seemed to work fine. If your really interested in this mod I can dig through my stuff and tell you which cap to change.

As far as the ceramic based 811A, I've used bakelite 811 and 811A tubes for years and have never found any problems. I wouldn't spend any extra for a ceramic base but if its the same price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the
accuracy of this wattmeter at less than 5 watts. I have both QRP and
regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP
level is most important. Or...do I need to get a QRP wattmeter (I
understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al
and see if you can get a better handle on this. I live in Minneapolis
and know the guys personally, and they will do what is necessary to make
you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan) writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants (verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases, partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they

gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset Communicator IV. Photocopies would be fine, also. Please email me with any offers.

Thank you and 73--
Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency display for my TS-520SE? If someone wants to sell one please contact me at:

Phil_Hawkins@qmgate.incyte.com
~~~~~

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
: >quite a bit and consume more than the DC adapter is supplying to the battery,
: >eventually I can't transmit at all (I have to wait until the battery recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then

to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six
Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to
your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF
vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)
Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct
in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo---

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show

indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs
in the back into a 3 or 4 pin socket. If you have one of these lying
around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad
that I could use into the mic, but I would rather have a plug in unit
if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
****

End of Ham-Equip Digest V95 #364
****

Date: 23 Aug 1995 18:06:27 GMT
From: rasta@stlucia.net (Paul O'Connor)
Subject: Several Items

Timewave DSP 9+ $200.00
KW SM 230 Scope Box Manuals etc.$650.00
MFJ-989C 3K Tuner (new industor coil) $200.00
Hayes Optima 14.4 Modem..............$150.00
Yaesu MD-1 c8 Mic (never used).........$75.00

Call 717-232-2015 if interested

Date: 27 Aug 1995 06:43:05 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Yaesu FT51R

I bought one a couple of weeks ago. I haven't talked much on it, but I have used it several times in a QSO with a friend on a repeater. On full 5 watts, it seems like it will be useable for at least twenty minutes of back and forth talking. On the next lower power (3.5 watts, I think) it seemed like we could just keep talking into the night. The back got a little warm, but evidently not warm enough to do anything during the 1.5 to 2 hours I was using it.

Max
N7NWG

End of Ham-Equip Digest V95 #365
****

End of Ham-Equip Digest V95 #367
****

Date: 27 Aug 1995 11:30:47 -0400
From: capthemloc@aol.com (CaptHemloc)
Subject: Yaesu FT-11R Mods Requested

I would like to obtain a copy of the extended TX mods for the Yaesu FT-11R (hope that's the proper designation). If anyone can help please post information here, or E-mail to CaptHemloc@aol.com or 73662.350@compuserve.com. Or you can fax the information to 706-745-6531. Thanks for any input.

73
KE4CTS

End of Ham-Equip Digest V95 #368
****

Date: 26 Aug 1995 23:45:39 GMT
From: rrk@indirect.com
Subject: w1fb,rtty

> daveb@buffnet.net (dave) writes:
> Interested in comments about w1fbs' contest program.
>
> Good / Bad ??
>

> thanks
>
> --- daveb ---
>
>>>>

Without a doubt, the best RTTY contest program available. You won't go wrong
or regret
getting and using this program. Count me among the many satisfied users.

Richard Kendrick CET WA7TWI |
Amateur Radio Extra Class | Do not adjust your mind, there
QRP #4129/G-QRP #8591/MI-QRP #M-1412 | is a fault in reality.
Phoenix, AZ email: rrk@indirect.com |

Date: 23 Aug 1995 23:12:51 GMT
From: kk5dr@bga.com
Subject: Want band switch

I have got a good switch now.
Thanks to KF5MC

73 de KK5DR

Date: 27 Aug 1995 12:34:15 -0700
From: jmroden@crl.com (James M. Roden)
Subject: Wanted: UHF MX-300S manual

[Article crossposted from rec.radio.swap]
[Author was James M. Roden]
[Posted on 27 Aug 1995 12:32:11 -0700]

Greetings. As stated, I'm looking for an MX-300S UHF manual. Also need
prom for same. Please e-mail with info...
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio
--

de: Mike Roden / N5FL / jmroden@crl.com / San Antonio

Date: Sun, 27 Aug 1995 19:23:30 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Where can I get a gel cell battery?

morganp@fn1.freenet.edmonton.ab.ca () wrote:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?

Try:

W & W Associates
800 south Broadway
Hicksville, NY 11801-5017

800-221-0732 (toll frre in US and Canada)

If you have any local HAM Swaps in your area, you might wish to try
those as well.

Date: Wed, 23 Aug 1995 05:29:49 GMT
From: rafaels@zimmer.CSUFresno.EDU (Rafael Solis)
Subject: Yaesu FT290-II blowing lamps

A friend of mine with no net access asked me to post a question about
his Yaesu FT290 Mark II all mode 2m xceiver. He has changed the lamps
in the power meter twice and he wonders if there is a way to reduce
the voltage going to that tiny lamp. Has anyone experience burnt
lamps on this radio. Yaesu charges $30 for changing the lamp!

Thanks and 73

Rafael (KE6JSR)

End of Ham-Equip Digest V95 #369
****

Date: 24 Aug 1995 01:21:48 GMT
From: Mclawson@intersource.com (Mike Clawson)
Subject: Someone wanted IC-2GXAT mods

Thank you for the info!!!

In article <tcalof-2208951558320001@dial079.mbnet.mb.ca>,
tcalof@minet.gov.mb.ca says...
>
>Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here
are
>the ones I know about:
>
>IC-2GXAT mods:
> 1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same
time
>and turn radio ON. Or, cut diode D13 on logic unit.
> 2) Extended tx. Cut diode D14 on logic unit.
>I have done the keypad mod for extended rx and it works without any
mishap
>to the radio. 73/Terry VE4UC

Date: 27 Aug 1995 20:44:47 GMT
From: droznar@best.com (Dave Roznar)
Subject: What Happened to CALLSIGN.CS

I hope someone here knows the answer to this. I used to Telnet to....
callsign.cs.buffalo.edu 2000 and use their online callbook. I know there are
a
lot of others, but this one would let you look up a persons NAME, etc. I used

it to find a friend, since he has long since changed his call.

I tried it yesterday and it did not respond with the callsign server. Anyone
know what happened, or of another one that lets you use NAME as an input?

==========
Dave Roznar - W6TGE

Saratoga, CA

email droznar@best.com
==========

Date: Fri, 25 Aug 1995 13:04:11 -0700 (PDT)
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Subject: X-tals supply house other then Jan Crystal ????

On Fri, 25 Aug 1995, Charles V. Boehnlein wrote:

> I have a radio that needs a crystal. I had a very good and quick supply
house address
> and phone number but have lost it. Can anyone recommend a good quick
supplier ??
>
> Charlie AD4HH
> cvb@iglou.com
>
>
Charlie, I have bought crystals from a company called "MARDEN
Electronics" 1-800-222-6093. I have been happy with them. They were for a
Mocom 70 and its working fine. The cost was 10.00 but that price (4/94) was
for a 4 week wait. The faster you want them, the more they cost. also
International Crystal is a good company. (I don't have their Phone #
handy, Sorry. Our A repeater group back in Nashville used International
with good luck. 73's Dale (KD4CVR)

Date: 27 Aug 1995 20:11:09 GMT
From: wd6dih@ix.netcom.com (Kevin Karamanos)
Subject: Yaesu FT51R

In <41q2kt$7ss@crl.crl.com> vsgregg@crl.com (Victor S. Gregg) writes:
>
>Kevin Karamanos (wd6dih@ix.netcom.com) wrote:
>: The FT-51R is designed to reduce power output only when the internal
>: temp sensor is very hot (this protects the finals). The FT-51R does
>: produce 5 watts on both 2m & 440 w/ the E-DC-12 adapter or FNB-38
>: battery.
>: 73's Kevin, WD6DIH
>: YAESU USA
>
>Kevin,
>My experience (and that of atleast one other FT-51R user here in
Atlanta)
>is that the radio is too hot to hold after as little as 15 minutes of
>back and forth at full power using the PA-10A. Recently, I was in the
>car and the radio started reducing power after about 20 minutes.
>Can you suggest a heatsink for this radio. I love the RT Systems
software,
>but I hate having to wear an oven mitt to QSO.
>
>THX and 73s de KF4BUX Victor

Hi Victor,

My first thoughts are: Check to output and make sure your friends radio
is not putting out more than 5 watts..... Also if the temp in the Car
is really hot, the radio will reduce power earlier.

FYI and 73's

Kevin, WD6DIH

Date: Thu, 24 Aug 1995 05:12:03 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Yaesu FT51R

swdecato@nps.navy.mil wrote:

>I just purchased a Yaesu FT51R. I am very happy with it but have
encountered
>what might be a problem using the EDC-12 12V adapter. It seems if I chat
quite
>quite a bit and consume more than the DC adapter is supplying to the
battery,
>eventually I can't transmit at all (I have to wait until the battery
recharges).
>I thought the EDC-12 was supposed to provide direct 12V DC and trickle
charge
>the battery. Anyone else having similar problems?

>steve
>KA5DLB

>swdecato@nps.navy.mil

Steve, are you sure the battery power is dropping off or is it the
radio that is reducing the transmit power output? I believe the user
manual states that when you use a high power batter pack or DC
adapter, the radio may overheat from the higher power output and when
it overheats, it automatically reduces its output power level. I have
never had mine get hot enough to completely quit transmitting, but it
sounds like that might be your problem. I hope this helps...73's
Floyd WD5ENJ

End of Ham-Equip Digest V95 #370
****

Date: 26 Aug 1995 04:43:47 GMT
From: marks@fc.hp.com (Mark Sheets)
Subject: WANTED! Icom 2000H tx-mod

Does any body know how or if the IC-2000H is modifiable to Tx beyond the
normal 140 - 150 mhz spread. Need to go up in freq.

Any info. would be greatly appreciated.

Mark Sheets
marks@triton.fc.hp.com
N0ERS

Date: 28 Aug 1995 05:58:36 GMT
From: wd6dih@ix.netcom.com (Kevin Karamanos)
Subject: Yaesu FT51R

In <41r5r2$ist@newsbf02.news.aol.com> gianotti@aol.com (Gianotti)
writes:
>
>What about the Yaesu mobile adapter that has a built-in fan for
cooling?
>When I was looking at this radio right after it came out they had a
mobile
>mount that provided power and a fan for cooling. I think this item
has
>been discountinued. . . maybe Yaesu should reinstate it.
>
>Love the 51R Best HT I have had
> ____
>| John L. Gianotti KF9GW #INTERNET:
gianotti@ideanet.doe.state.in.us |
>| Dir Computer Services #VOICE: (219) 365-8551 ext 260

> |
>| Lake Central School Corp.#FAX: (219) 65-6414

> |
>|_____|
>
Hi John,

The PA-10 with a built-in fan was discontinued due to slow sales and high price. The PA-10A (without a fan) replaces the PA-10 with a lower price. Also the new E-DC-12 works great for it's low low price.

73's

Kevin, WD6DIH

End of Ham-Equip Digest V95 #371
****

Date: Mon, 28 Aug 1995 22:28:58 GMT
From: edlyon@iquest.net (~name)
Subject: What Happened to CALLSIGN.CS

In article <41qlfv$o9t@news1.best.com>, droznar@best.com (Dave Roznar) says:
>
>I hope someone here knows the answer to this. I used to Telnet to....
>callsign.cs.buffalo.edu 2000 and use their online callbook. I know there are a
>lot of others, but this one would let you look up a persons NAME, etc. I used
>it to find a friend, since he has long since changed his call.
>
>I tried it yesterday and it did not respond with the callsign server. Anyone
>know what happened, or of another one that lets you use NAME as an input?
>
Try using this one : http://www.ualr.edu/doc/hamualr/callsign.html

You can search this database by Callsign, Name, City, State, or Zip. Additionally, it is based on the FCC Callsign database and is updated daily.
73's ED -- AA9OE

End of Ham-Equip Digest V95 #375
****

1522. Re: 2m/70cm Handheld Reccomendations ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: 917461@edna.swin.edu.au
Message-ID: <42hkep$gj7@lucy.swin.edu.au>
Source record: 212820

: David M. Comer <dcomer@mack.rt66.com> wrote:
: >Probably a FAQ, but I'm new to HAM....
: >
: >I just passed my no-code yesterday and am looking to purchase an 2m/70cm
: >handheld. 1-1/4 would be nice, but... What I would like is to hear from
: >some experienced handheld users as to the types of features that are
: >particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
: >are any particular units worth considering, I'd appreciate some input as
: >to your experience with the units. I appreciate your input. Feel free to
: >e-mail me, however, I would guess that there are plenty of new HAMs
: >looking for the same, so a post is preferred.
: >
: >73
: >Dave Comer (Waiting on the FCC)

I've got a Yaesu ft728 which appears to be the Japanese domestic model of the ft470 (how it came to be in Australia is anyone's guess).

As others have noted, handheld + antennae + pagers etc = mush.
2m is unuseable in the central city area of Melbourne (pop 3M) due to pagers on 148.0075 and up. But then few 2m radios seem to cope in central Melbourne, thats why we use a dual band radio, for 70cm.

Although people say to watch out for "twin banders" vs "dual banders" etc, I have never in fact encountered a 2 band radio which will not recieve both bands at once.

The 728/470 will recieve nboth bands at once but feeds them both to the same speaker. There is a balance control to alter the volume of each band at the one speaker.

Apparently some radios will recieve two frequencies in the same band at once.

Lots of memories are nice, the 728/470 has 18 per band and most of them are occupied on mine. Curiously though, the truth is that most of my operating is on just one local 2m simplex frequency; I rarely venture onto repeaters or 70cm.

Bells and whistles worth having include battery save functions, DTMF (in the states, not so useful in Aus), CTCSS (useful if people you talk to regularly have it).

Spaeker mike is useful, radio in inside pocket, mike on helmet strap when riding motorbike, radio in pack when skiing etc.

Extra battery pack is near essential, always charge flat battery immediately and carry it, always use a battery until flat, then change

battery and charge the flat one that evening. This way you always have a charged battery, you don't lose track of what is charged and what isn't, and you don't recharge half flat batterys (a big no no with ni cads)

A "better rubber duck" is a bonus too. I have an antenna which is about a quarter wave on 2m and 5/8 on 70cm which works well but pokes in my ears, eyes and nose if I put the radio in my inside coat pocket. Works well when packed near the top of a pack. This cost about $30 in Aus, so something similar should be about US$15-20 for you.

Have fun. Spend lots of money, you get about 150 to 200 percent of what I can get for the same money her in Aus! (Jealous)
Graham VK3TGW

1523. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWU9UCUNE000BVF@SIL.ORG>
Source record: 212821
Body handling: 1 inline base64-encoded payload block was not displayed

From: ham-equip@UCSD.EDU at internet
Date: 8/27/95 4:32AM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #365

File item:

[Inline base64-encoded payload not displayed]

1524. Re: Yaesu FT-23R Memory Loss

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: miltf@ux1.cso.uiuc.edu
Message-ID: <42hn00$6ng@vixen.cso.uiuc.edu>
Source record: 212822

Check the internal lithium battery - it is used to maintain the memory. I had one once which was disconnected (solder joint broke due to dropping of the radio). Resoldering took care of the memory loss. The battery might just be weak - check the voltage, but I don't remember what voltage it should be.
Milt, K9QZI

moyers@cti-pet.com (Clif Moyers) writes:

>I have a FT-23R that loses its memory after being turned off for more than >about an hour. Any ideas

1525. Wanted: Equip repair

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Mark Limbert <mdlimbe@clipper.ssb.com>
Message-ID: <Pine.SUN.3.91.950905103817.19648A-100000@svha0001.clipper.ssb.com>
Source record: 212823

Wanted:
I am looking for someone to repair some solid state truck voltage regulators. These regulators were made by the Leece-Neville company and are for military trucks with 100amp 24volt charging systems. I have four of these, all different models, and am trying to find someone that can fix these preferably local to me in the South Shore area of Massachusetts.

Mark Limbert

mdlimbe@clipper.ssb.com

1526. Re: WANTED: Any info on pirate radio station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <42hqfi$5cg@newsbf02.news.aol.com>
Source record: 212824

In article <42ddg9$7gn@ixnews6.ix.netcom.com>, jdb99@ix.netcom.com (jdb)
writes:

>>
>>L>I'd like to start my own pirate radio station.
>>L>What equip. do I use, or need.
>>L>Any info would be very appreciated.
>>

Why do you want to play music to Pirates. They are almost extinct. I would try country western or rock and roll for the general population. There are some pirates in Indonesia and the South China Sea. I think they like Chinese music. I would buy a big audio amplifier like a Marshall guitar amp and hook it through a tuned circuit to an antenna. The best way to install the antenna is throw the end of a wire over a power line. The entire power line radiates. Try to pick a big metal tower one. They radiate a much stronger signal. Be sure you throw hard enough the wire misses the hot lines and only hits the ground. Wear rubber gloves to be safer. Good luck we kneed more people like you.

1527. Re: EIMAC 3CX2500F3

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <42hqfp$5ci@newsbf02.news.aol.com>
Source record: 212825

In article <425gvk$34ns@news-s01.ny.us.ibm.net>, jagon@ibm.net (Jose Antonio Gonzalez) writes:

>
>I have just got this tube from a OM radio station, I think that it is
>in use still. Some questions:
>
>1. Any idea about this tube?
>2. Any use for an HF amplifier?
>3. How can I check if it is still "alive"
>
>Best 73
>
>
>

Medium mu triode. It requires a lot of bias voltage in grounded grid. It has a 7.5 volt 50 amp filament and is stable when used in grounded grid. It has fairly low gain and a high driving impedance.

A tube ending in 7 is much better, like the 3CX3000F7 (leads) or A7 (coaxial base).

You can make ohm meter tests but the wont tell much. You need to run the tube. 73 Tom

1528. Re: FALSE SWR reading on MFJ 962 TUNER ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <42hqfs$5ck@newsbf02.news.aol.com>
Source record: 212826

In article <42eg27$1c4@tuegate.tue.nl>, esrac@stack.urc.tue.nl (ESRAC) writes:

>Watching the cross-needles of the MFJ I tuned the QUAD on 15 meters to 'no
>reflected power'. The SWR indicator on the TS850S showed about 1.7:1 .
>Checking the SWR on the YS60 showed the same 1.7:1 !!!...??? Then I only
>watched the YS60 meter and tuned with the MFJ for minimum SWR on the YS60.
>The SWR on the TS850 then also diped at 1.1:1.
>The MFJ showed about 2:1 SWR. Tuning happened with 50 Watts. There was a
>pronounced DIP on the YS60 reading while the cross needle of the MFJ did NOT
>dip at all (it only dips at 0 reflected power)
>
>I suspect that either the measuring circuitry of the MFJ is faulty or simply
>incorrect designed. I would appreciate any comments on my observations.
>
>
>Best wishes and 73 de Aurelio pa3ezl/aa2wh
>a.m.m.bellussi@stud.tue.nl or esrac@stack.urc.tue.nl
>
Aurelio,

SWR readings always seem to be in disagreement. My ICOM 751A disagrees with my Drake W-7 meter the same way, and my Bird 43 disagrees with both. There are several problems that cause this. In your case it sounds like the bridge in the MFJ is the most improperly adjusted item, or perhaps the cables and devices between the tuner and other meters are changing the SWR.

I assume you have tried a different length cable between the tuner and the radio or external SWR meter? If changing the length of that cable makes the SWR meters change in the radio or the YS60, then the wiring and the meters have different impedances. The cables used in stations are sometimes not exactly 50 ohms, and that makes different meters disagree in SWR. If the line goes through several UHF connectors (they have a Zo of 20-35 ohms) and perhaps a typical manual antenna switch the SWR usually changes a very noticable amount.

The factory calibration depends on the skill or care of the worker involved and the equipment they use. Most meters have a small capacitor you should adjust for 1:1 with a 50 ohm perfect termination. This should usually be done at or above the middle of the frequency range of the meter

so the error is the same on both ends. You could make this adjustment if you have a good reference meter or a good load.

All bridges also have some errors, and the errors can be in different directions. One bridge may zero at 45 ohms, and another may zero at 55 ohms. That would make it appear the error is greater than it really is. You need an accurate standard to use.

But then look at dummy loads, many dry loads are over 1.4 : 1 on ten meters! The Heath Cantenna I have is a 1.3 to 1 on ten meters. The Bird load I have is flat, but it costs over two thousand dollars.

You could check the meters on 14 MHz by paralleling two good 50 ohm loads and seeing if the SWR read 2:1. If you had a good high power 100 ohm load (or an unterminated high power 5 dB attenuator) you could test the opposite 2:1 SWR point.

The real wild thing is none of this makes a noticable difference in your signal, and all the rig cares about is that it is "happy". My ICOM is happiest (the most output) with a low Z load, around 35-40 ohms. My Yaesu with just over 50 ohms. I'm sure the AL-811 you use doesn't care what the load SWR is so long as the internal tank capacitors will match it!'

'I hope this is understandable.

73 Tom

1529. TM742A 1.2 transmit problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: drp@netcom.com
Message-ID: <drpDEFv8w.ErM@netcom.com>
Source record: 212827

I have a TM 742A radio. The 1.2 gig module, powers up changes frequencies and received great. The problem is transmit. When I key the mic and transmit into an antenae or dummy load there is no power output. When I place an HT nect to the radio it will key up the HT. It apears to be putting some signal but not a measureable amount. I have tried it in high and low power mode. I installed the module as per instructions. It had been working earlier with the previous owner. He removed the module, when I originally bought just the 1.2 gig module. Then I purchased the rest of the radio from him. Is there a reset or something to do that would enable the power output ? Also if the final is blown, how might I determine that and get a replacement part etc ? Your assistance is appreciated.

Randy Petersen


```
_____________________________________
| Randy Petersen |
| drp@netcom.com |
| |
| (408) 246-8568 Voice Line |
/)| (408) 246-4295 FAX Line |(\
/ )| KE6IZZ 147.855 440.100 1285.00 |( \
__( (|_____________________________________|) )__
((( \ \ ) /_) (_\ ( / / )))
(\\\ \ \_/ / \ \_/ / ///)
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```

1530. Re: Yaesu FT290-II blowing lamps

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: 917461@edna.swin.edu.au
Message-ID: <42himc$gj7@lucy.swin.edu.au>
Source record: 212828

Joe Landis - Systems & Network Mgr (landisj@nad.com) wrote:
: In article <DDr0Lq.3Kp@CSUFresno.EDU>, rafaels@zimmer.CSUFresno.EDU (Rafael Solis) writes:
: > A friend of mine with no net access asked me to post a question about
: > his Yaesu FT290 Mark II all mode 2m xceiver. He has changed the lamps
: > in the power meter twice and he wonders if there is a way to reduce
: > the voltage going to that tiny lamp. Has anyone experience burnt
: > lamps on this radio. Yaesu charges $30 for changing the lamp!
: > Thanks and 73
: > Rafael (KE6JSR)
: Hi,
: Your friends problem is the 3rd instance I have heard of this. My own 2 yr old
: 290mkII has not exhibited the problem. Interesting. He may try a series
: resistor in the lamp lead.

: Joe - AA3GN

Ft 290 mkI does this too. If I could only get mine fixed for $30!...
Some years ago the problem did the rounds on packet. The resistor in series was suggested, but the most elegant solution I saw was to use a clear LED.
Another problem I had at the time was the contacts on the transmit relay getting crappy - no transmit. Pull the top off the relay to clean the contacts or fit a new relay.
Graham VK3TGW

1531. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DEFw8B.JsM@world.std.com>
Source record: 212829

I sed:
:>>(I'm not an attorney....just using common sense...and I sell amateur
:>>equipment to unlicensed individuals all the time.)

jackl@pinetree.microserve.com (WB3U) sed:
:>That's too bad. Most of the dealers I've known had higher standards.
:>73,
:>Jack WB3U

Naw! Just like many, many others who post in cyberspace you let your emotions cloud your good judgement. Just because YOU, personally, do not like the idea doesn't mean that it is illegal.

Too bad most of the dealers you've known are either out of business or are small potatoes...you probably can't or won't even tell us who they are...because it's not the truth. Call some of the larger dealers, like HRO or AES, and ask them if they refuse to sell to non-licensed individuals. Then ask them, "Why not?"

Since many of us get into throwing non-related ideas into the arena why don't we just have those who are not licensed to fish get rid of their fishing gear or be prohibited from buying it?

Jack, will you please tell me what laws there are prohibiting the sale of amateur equipment to non-licensed individuals? Just because someone "owns" merchandise doesn't give the absolute right to refuse to sell it to anyone... That would open the door to a discrimination lawsuit, don't ya think?

Have a nice day...uhh..unless, of course, you have other plans. ;-D

Cheers!

Jim Martin, WK1V	I speak for no one...Not
Lowell, Massachusetts	even for myself!
USAF (Ret)ained	#include "std_disclaimer.h"
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	Intentionally Left Blank

1532. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWSNQEE22000G52@SIL.ORG>
Source record: 212830

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 8/27/95 6:30AM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #366

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 366

Today's Topics:
2m/70cm mobile: Kenwood TM-733A - Opinions?
Anyone have experience with IC-730?
Icom HT's for sail

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 27 Aug 95 03:38:47 GMT
From: davidmi@halcyon.com (David C. Miller)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

I purchased the Icom IC-2700 recently and I am here pleased with this unit. It

has a removable face plate as well as a built in duplexer. I have no intermod
problems on 2m and very slight on 440.
Enjoy

In article <41g2hn$gkl@post.its.mcw.edu>,
Simon Twigger <simont@post.its.mcw.edu> wrote:
>Hi there,
>
>I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>was wondering what experiences people have had with this radio. I am
>basically looking to buy a 2m/70cm mobile rig with a removable front
>so I can mount the main body of the rig in the trunk of the car and
>have the display up front. I dont think I can install a mobile rig
>in my car (honda Civic 4dr) any other way.
> If anyone has any opinions on this or any other radio that fits

>the bill, I would be interested to hear them.
>
>Thanks for your help!
>
> Simon
>
>Simon Twigger, AA9PW/G1SNT
>Medical College of Wisconsin, Milwaukee.

+---+
| David C. Miller - KB7ZJY - Renton, WA USA |
| Home - davidmi@halcyon.com Work - davidmi@microsoft.com |
| The views expressed here are my own and may not be the views |
| of my employer or internet provider. |
+---+

Date: Fri, 25 Aug 95 18:08:04 PDT
From: Bill@halcyon.com
Subject: Anyone have experience with IC-730?

In Article<NEWTNews.809292994.14061.Pbutterf@butter-pc.eng.mc.xerox.com>,
>
> I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
> Any recommendations?
> -Paul
> KB2TCG
>

I had one about 12 years ago. They are a good radio. Ham band only. Not
many features. I sure would NOT pay $500 for one today.

Bill

Date: Wed, 23 Aug 1995 21:12:56 GMT
From: MDURHAM+aENG%EFJohnson@mcimail.com
Subject: Icom HT's for sail

FOR SALE:

IC-24AT + 3 BP83's, 2 are new, and NEW BC-80 rapid charger. Asking
$400 --- Shipping included for CONUS.

IC-32AT + 3 BP8's, all 3 new batteries, and NEW BC-35 rapid charger.
Asking $400 --- Shipping included for CONUS.

PK-88 TNC, New in Box. Asking $80 --- Shipping included for CONUS.

MFJ-1270C TNC, Like New. Asking $70 --- Shipping included for CONUS.

E-mail me at MDurham+aENG%EFJohnson@mcimail.com

End of Ham-Equip Digest V95 #366
****

1533. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWSNU0BWI000G52@SIL.ORG>
Source record: 212831

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 8/27/95 7:23AM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #367

Text item:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 367

Today's Topics:
REJECTED: Ham-Equip Digest V95 #365

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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Problems you can't solve otherwise to brian@ucsd.edu.

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Date: 27 Aug 95 07:32:38 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #365

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #365
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sun, 27 Aug 95 Volume 95 : Issue 365

Today's Topics:
572B tube in Collins 30L1 ???

HF Receiver Question? (2 msgs)
REJECTED: Ham-Equip Digest V95 #364
Several Items
Yaesu FT51R

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Date: Wed, 23 Aug 95 05:17:40 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: 572B tube in Collins 30L1 ???

dsnowden@ccd.harris.com (Doug Snowden) wrote:

>Subject says it. Will the 572B tube fit in the 30L1? Physically? It
>might be a bit bigger than the 811A tube, I don't know. If it will
>fit, is it electrically near the 811A? What is the result, more
>power? More reliablity? Or a waste of money?

The 572B is virtually identical to the 811A but with a much greater
plate dissipation (160W VS 65W). Unfortunately, in order to make use
of that additional dissipation, you need to raise the plate
supply to about 2500V. Personally, I wouldn't spend the extra money
as replacements for the Collins.

>Along the same line, what is the advantage of using a ceramic based
>811A as opposed to the bakelite based ones? I see RF parts advertise
>the ceramic based ones at quite a bit more money..

I'm not aware of any advantages offered by the ceramis base, but maybe
there's another reason for the price difference. Wonder if the
ceramics are U.S. made?

73,

Jack WB3U

Date: 26 Aug 1995 21:18:48 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I don't buy this. Have you ever looked inside the supplies that come
>from Kenwood or Yaesu? They don't have current limiting or OVP in them
>at all. They don't even put an MOV on the primary in most cases. They

>are a bare bones power supply. Most people who opt to buy someone else's
>supply end up with an Astron or something similar. They have much better
>protection than the factory supplies.

>Gary

Yes Gary, but the original question was would an internal power supply
improve the RECEIVERS dynamic range, noise floor, etc.

I sure think the correct answer to that question was NO.

Date: 26 Aug 1995 17:10:09 GMT
From: amnet@ix.netcom.com (ANDRES MARTINEZ)
Subject: HF Receiver Question?

>
>>I was listening to a conversation on 75 meters the other day. These
two
>>guys were talking about the best HF transcievers on the market, and
one
>>of them made the point that a rig that had a build in AC power supply

>>always had better sensistivity, dynamic range, etc. than a radio that

>>required a 12- 15 volt external power supply.
>
>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming
that
>conclusion, but it is a giant leap.
>
>You hear a lot of strange stuff if you listen long enough.
>
>73 Tom

One reason I can think of for that being true, is that most internal
power supplies are better built by the manufacturers than a cheap
external power supply a user may use in some cases. If you use a good
quality external power supply, then the should be no difference in
reception.

andres - YV5-KRI

Date: 27 Aug 95 04:23:10 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #364

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #364
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 364

Today's Topics:
Icom R-7000 problem
REJECTED: Ham-Equip Digest V95 #363

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 23 Aug 1995 03:50:53 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: Icom R-7000 problem

Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
><token@owens.ridgecrest.ca.us> wrote:
>>
>>....snip
>> My Icom R-7000 has a problem staying on frequency. I have had it on
>
>.....snip
> I have an ICOM-701 than jumped around in freq. I couldn't figure it
>out so I sent it to ICOM. They charged $160 and said they resoldered
>the PLL board.
>
> If you feel comfortable doing it you might try re-flowing the
>solder in the appropriate areas.
>

Thanks for the input, Dick. I have re-soldered most of the PLL board but
I may just do the rest, on a lark

TNX CUL 73s de KD6LRC
Darrell

Date: 27 Aug 95 00:33:08 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #363

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #363
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 363

Today's Topics:
DSP Filter Advice??
FT530 programming
HELP ME PLEASE
K-com filters and Telephone RFI (2 msgs)
KENWOOD RELIABILITY
Kenwood TM-241A comments?
Kenwood TR-7400A
Kenwood uses false advertising? N
MAIL ORDER EQUIPMENT SOUR
Midland CB
REJECTED: Ham-Equip Digest V95 #362
Where can I get a gel cell battery?
WTB: Tone pad TR-7600 (Kenwood)
Yaesu Repair, USA phone # ?EE

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 Aug 1995 13:17:04 -0400
From: tippie1063@aol.com (Tippie1063)
Subject: DSP Filter Advice??

I have the MFJ784B and love it. It works super for weak CW and SSb. I
would recommend it to anyone.

88

Tippy

Date: 26 Aug 1995 11:19:01 -0400
From: hillgen@er7.rutgers.edu (the one)
Subject: FT530 programming

I have what may be a very unusual but interesting question. A few months ago,
I encountered a lot of talk about whether memory settings could be cloned from
one FT530 to another. I believe that the answer was yes and that it could be
done through the 1/8" jack of the spkr/mic plug. Recently, Yaesu has come
out with the FT51R which is programmable (not just cloneable) through this plug.
An I correct in assuming that the 51 programming software would work on the
530? What do you think?
jay
hillgen@eden.rutger.edu

Date: 26 Aug 1995 13:00:53 -0400
From: er12345@aol.com (ER12345)
Subject: HELP ME PLEASE

I am ready to become a radio brodcaster, but I have no idea what I need.
Please e-mail IS TO COOL, not ER12345. E-mail me as soon as possible.

Date: 25 Aug 1995 13:54:08 GMT
From: dave@diusys.cms.udel.edu (Dave Dabell)
Subject: K-com filters and Telephone RFI

Yes, I've used a K-com filter on an at&t trimline-like phone (keypad in
the handset). This was a newer electronic model that had a volume level
switch for rcvd audio. It picked up rf bad enough to hear it across the
room. After installing a K-com at the handset rf could still be heard,
but it was less than 1/2 as loud as the voice at the other end of the
line. Quite a reduction.
Inside the k-com is a torroid with maybe 30 turns of small gauge wire
for each side of the line. So it appears to be just a choke. I assume
it has quite a bit more inductance than you could get by wrapping the
cord around a snap on choke.
Good luck with the rfi. If all else fails, you could always go back to
an old ma bell model. They were pretty rf-proof.

73, dave wa3u

Ken Schroder (kcs@merc.rx.uga.edu) wrote:
: Anyone out there with experience with K-com telephone RFI filters?
: Specfically, do they work and how do they work? Are they tuned circuits
or
: just common mode ferrite chokes? If they are just ferrite, then they
would
: appear to be a little pricey relative to the typical snap on ferrite
chokes
: which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
: - 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
: another question - how much ferrite at the back of the phone do you need
to
: choke HF off a telephone line? I suspect that a single ferrite snap on
choke
: may not be effective below VHF. Any and all comment appreciated.

: 73,
: Ken
: N4NFI

: Ken Schroder
: Logistical Support Manager
: The University of Georgia
: College of Pharmacy
: Athens, Georgia 30602

: e-mail: kcs@rx.uga.edu
: phone : (706) 542-5295
: FAX : (706) 542-5269

Date: Thu, 24 Aug 1995 14:31:15
From: kcs@merc.rx.uga.edu (Ken Schroder)
Subject: K-com filters and Telephone RFI

Anyone out there with experience with K-com telephone RFI filters?
Specfically, do they work and how do they work? Are they tuned circuits or
just common mode ferrite chokes? If they are just ferrite, then they would

appear to be a little pricey relative to the typical snap on ferrite chokes
which are widely available. I've got a bit of telephone RFI (100w, SSB,
80
- 10m, low dipoles) so far no luck with ferrite. Which of course brings
up
another question - how much ferrite at the back of the phone do you need to
choke HF off a telephone line? I suspect that a single ferrite snap on
choke
may not be effective below VHF. Any and all comment appreciated.

73,
Ken

N4NFI

Ken Schroder
Logistical Support Manager
The University of Georgia
College of Pharmacy
Athens, Georgia 30602

e-mail: kcs@rx.uga.edu
phone : (706) 542-5295
FAX : (706) 542-5269

Date: 26 Aug 1995 19:51:40 -0400
From: sefranek@iii2.iii.net (Thomas C Sefranek)
Subject: KENWOOD RELIABILITY

Well Ed,
Out of 5 rigs (TS-440's) we bought, all five failed with the VCO
glue. I fixed my own, the rest sent them in for repair. One has been
repaired in other ways, but that's because N1JWR won't take the time to
get his 13 W/M!!! And so the rig languishes, waiting for a warm hand to
carress... but I digress...

My Kenwood 741 has stopped transmitting on the 6 meter module, and now
the 2 meter module...

My guess is... they just arn't all that well designed, just adequate for
the dainty ham operator. (I'm a HAM fisted 24 hour user...)

On the other hand, NOTHING I've ever owned didn't at one time or another
need fixin. Ask me about the ICOM W2A...

Tom

--
Thomas C. J. Sefranek WA1RHP Work: 508-425-2200

Date: 23 Aug 1995 01:55:28 GMT
From: enick@unlinfo.unl.edu (eugene nick)
Subject: Kenwood TM-241A comments?

jacobymike@delphi.com wrote:
:
: Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
: How's the AM aircraft band reception? Looks like most places are selling
: this rig for $300 now.
:
: Thanks Mike N3MA Manassas, VA

I love it for the price it's been great just in the past few days I've
been Dxing. If this only had side band I would be totally happy. I run

it on a Diamond J-130 discone and i can get out and around very well.
i don't use it much for the AM air craft band, but i do listen to the
railroad traffic and it does great .....
--
HERE'S TO A LONG LIFE AND MERRY ONE!
A QUICK DEATH AND A EASY ONE
A GOOD LOVER AND A TRUE ONE
A COLD BEER AND ANOTHER ONE!!!

Date: 23 Aug 1995 14:59:49 GMT
From: pmlepine@fox.nstn.ca (pmlepine)
Subject: Kenwood TR-7400A

My unit recently experienced the following problem:
after blowing and replacing the line fuse, the phase lock indicator led
remains on in TX and RX. There is no indication on S-meter in TX, and I
suspect no RX either. It sounds like a frequency generation problem.
Any suggestions on where to begin?

Date: Sat, 26 Aug 95 10:05:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Kenwood uses false advertising? N

FN>So, I plan to sell it to the first sucker I find and buy a new mobile
>rig...Seriously considering an Alinco based on the service I've received
>on my HT (fast repair, easily to get info from the company)...

I don't consider myself to be a "sucker" (grin) but I may be interested
in your Tm-241. I am not interested in aircraft reception, so it may
just fit my needs. What are you asking for it, and what (if anything)
else comes with it?

Please e-mail me at "stephen.king@kandy.com".

Thanks.

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: Sat, 26 Aug 95 10:10:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: MAIL ORDER EQUIPMENT SOUR

I am looking for either a used 2 meter mobile in the $150-$200 (or less)
range or a used 2 meter/70cm dual band mobile for under $300.

Please send e-mail to: stephen.king@kandy.com

Thanks.

~ QMPro 1.53 ~ sking1@ix.netcom.com

Date: Sat, 26 Aug 95 09:30:00 -0800
From: stephen.king@kandy.com (STEPHEN KING)
Subject: Midland CB

I know this is a HAM conference, but thought that there may be those
that started with CB and/or have used CB.

I recently found a Midland CB transceiver in my garage. It is model
77-112. I have looked everywhere but can't find any paper work for it.
If anyone has the user manual and/or installation manual for this CB
please contact me via e-mail.

stephen.king@kandy.com

Thanks

~ QMPro 1.53 ~ stephen_king@bbs.fullcoll.edu

Date: 26 Aug 95 20:03:32 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #362

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

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From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #362
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 362

Today's Topics:
Linkcomm uploads ACC voice
Opinions - Alinco 610?
REJECTED: Ham-Equip Digest V95 #361

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policies or positions of any party. Your mileage may vary. So there.

Date: 26 Aug 1995 14:47:48 GMT
From: timsaw@ibm.net
Subject: Linkcomm uploads ACC voice

Linkcomm put up the ACC voice yesterday (8/25) for the RLC-3. I down loaded
it
but it won't work for me. The 1.40 prom1.bin and prom2.bin seem ok but the
file length of the voice prom looks too short. Anyone else had this problem?

- Tim -

Date: Fri, 25 Aug 1995 19:40:29 GMT
From: greg@core.rose.hp.com (Greg Dolkas)
Subject: Opinions - Alinco 610?

Has anybody had any experience with the new Alinco 610 dual band mobile?
I'm trying to decide between it and the Kenwood 733 (about which a lot has
been posted, not all of it good).

I'm most interested in its usability, followed by performance and features.

Thanks!

Greg KO6TH

Date: 26 Aug 95 16:57:18 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #361

----- Mail rejected by CEO. -----
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From: ham-equip@UCSD.EDU
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Subject: Ham-Equip Digest V95 #361
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CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 361

Today's Topics:
Anyone have experience with IC-730?
DSP Filter Advice??
HF Receiver Question?

REJECTED: Ham-Equip Digest V95 #360
w1fb,rtty

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policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 24 Aug 1995 20:35:13 GMT
From: butte.wbst129@xerox.com
Subject: Anyone have experience with IC-730?

I have an opportunity to buy a used IC-730 for $500. Is this a good deal?
Any recommendations?
-Paul
KB2TCG

Date: 24 Aug 1995 14:26:25 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: DSP Filter Advice??

In article <tuck-2308951638490001@walkingstick.europa.com>, tuck@europa.com
writes:
|> I operate CW most of the time and am interested in either the Timewave
59+
|> or MFJ 784B. Any advice? The areas of most concern are:
|>
|> Does the unit generate its own noise? This is really irritating when I
|> use an AF to filter out faults in the receiver (hiss, AGC pop) as well as
|> for selectivity. I listen with headphones. QST panned the 59+ in this
|> area.
|>
|> How does the unit handle CW spotting? Can you hear your own sidetone if
|> it's the same frequency as the received signal?
|>
|> How well does the noise reducton feature work?
|>
|> Thanks Gary WB7FCQ

Gary,

I bought a DSP-59+ a few weeks ago and have been very pleased with it.
It does a great job on both CW and SSB, and the noise reduction works
very well. You can hear your sidetone; just set the center frequency

to your sidetone frequency.

QST didn't actually pan it for its noise, IMHO. Their review mentioned
that you could hear some noise if you cranked the gain way up in the
absence of a signal. The unit's noise is not noticeable at all in
normal operation. I can hear a little bit of noise if I crank it all
the way up with no signal input, but its noise is inaudible if I
feed it audio from the receiver, even with the RF gain all the way down.

I'm not very impressed with most MFJ stuff, and from what I've heard,
their DSP probably leaves much to be desired in both performance and
workmanship. Just my $0.02 worth on Mighty Fine Junk.

73,
Jeff, KC1MK

Date: Sat, 26 Aug 1995 16:30:01 GMT
From: doughall@nando.net (Doug Hall)
Subject: HF Receiver Question?

>>I was listening to a conversation on 75 meters the other day. These two
>>guys were talking about the best HF transcievers on the market, and one
>>of them made the point that a rig that had a build in AC power supply
>>always had better sensistivity, dynamic range, etc. than a radio that
>>required a 12- 15 volt external power supply.

w8jitom@aol.com (W8JI Tom) replied:

>Herb, That's about as good as worrying about the color of paint. The
>location of the supply and what it plugs into have no effect on the
>parameters mentioned.
>I can think of threads of logic that may be distorted into forming that
>conclusion, but it is a giant leap.

Actually there are some advantages to the internal supply approach,
but you're right, Tom - it has nothing to do with the location of the
supply. Some of the internal supplies run significantly more than
12-15 volts, and this can be an advantage in some cases. Better IMD
and spectral purity from the PA are easier to achieve at the higher
voltages (28 to 30 volts) that these internal supplies offer. It's
also easier to make a 200 watt PA when it runs on 28v, which is why
the 200w output rigs generally have internal power supplies.

73,
Doug Hall, KF4KL
http://emporium.turnpike.net/J/JPS/jps.html

Date: 26 Aug 95 14:00:12 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #360

----- Mail rejected by CEO. -----
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To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #360
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<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 360

Today's Topics:
Battery Charger as DC power supply?
Flashing display at resonance
Gathersburg Hamfest
GIVE AWAY OLD EQUIPMENT ST. LOUIS
Good customer service - ICOM
HAL P38-Clover comments?
HF Receiver Question?
Kenwood TM-201 Mods
Kenwood TM-241A comments?
Kenwood uses false advertising?
REJECTED: Ham-Equip Digest V95 #359
Repair Help on a Icom 251,mods also
What good is 6 Meters ?

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Date: 22 Aug 1995 21:49:57 GMT
From: rburgan@detroit.freenet.org (Roland B. Burgan)
Subject: Battery Charger as DC power supply?

Most of the 10 Amp chargers only have a Xfmr. rated for continuous
duty at about 2 or at best 3 amps.
--

Date: Thu, 24 Aug 1995 15:59:14 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Flashing display at resonance

In article <41bidv$367@everest.pinn.net> jkepler <jkepler@pinn.net> writes:
>pruth@ocvaxa.cc.oberlin.edu wrote:
>>
>> Whenever I tune my Yaesu FT757GX on 20m with the G5RV, which is a
>> resonant antenna on 20m giving a close to perfect match with the
>> aid of a small transmatch, the frequency display flashes and
>> vanishes when I turn up the pure carrier rf output to maximum.
>
>Hmmm, I think things are not as resonant as you think they are. A
>resonant antenna would not need a transmatch. I suspect you have
>standing waves on the feedline and that when you turn up the power
>some of that voltages gets back into the rig and confuses the display.

A resonant antenna can indeed need a transmatch. All resonance means
is that there's no net reactive component at the feedpoint. The
resistive component could be anything, depending on the particular
antenna geometry, and may need a transmatch to transform that impedance
to 50 ohms. In the case of a G5RV, it's longer than a halfwave
on 20 meters, 3/2-waves in fact. The feedpoint impedance should be
moderate, somewhere not too far from 50 ohms, but the G5RV is fed
with a 300 ohm balanced line section terminated into a coax. You're
not going to get 1:1 SWR on that balanced line (and probably not
on the coax either).

The fact that the line has SWR, however, has nothing to do with
RF in the shack. That's a balance problem, not a matching problem.
SWR on the line just means there are circulating differential
currents *inside* the line that form a standing wave pattern.
They can't get *out* of the line to cause a hot chassis unless
there is a system imbalance and parallel currents are flowing
on the *outside* of the coax. (From the point of view of currents
flowing inside coax, it is a balanced line. It's only for currents
flowing on the outside of the coax that imbalance is an issue.)

There are two kinds of balance involved here, physical and electrical.
Physical balance is important because the induction field can induce
a common mode current on the coax shield. Electrical balance is important
because it can upset the differential current balance of the feedline.

Physical balance is a matter of laying out the antenna and feedline
in a symmetrical manner, IE both legs of the antenna need to be mirror
images of each other with respect to themselves and to Earth, and the
feedline should be routed to bisect that symmetry.

Electrical symmetry is pretty much automatic if physical symmetry is
followed with regard to the antenna and the balanced line section.
The point where the coax attaches, however, can create an electrical
imbalance because shield currents can flow on both the inside and
outside of the shield at this connection point. This creates an
imbalance with respect to the currents flowing in the inner conductor.
A choke balun here (6 to 8 tight turns of the coax will do) will
restore the balance by stopping currents from flowing on the outside
of the shield.

>You might be able to make a virtual ground by attaching a 1/4
>wavelength (at operating frequency) piece of wire to the rig and just
>run it along the baseboard of the shack.

This may treat the *symptom*, but it doesn't address the cause.
A bilaterally symmetric antenna does not need a ground, virtual
or real, in order to perform properly. It's usually wise to
treat the brain tumor rather than just taking aspirn to suppress
the pain. Reserve grounds, virtual or otherwise, for feeding
asymmetric antennas like longwires. *They* need that current
mirror to replace the other half of their symmetry. If you
try to compensate for a hot shield with a balance wire, you
are still screwing up the antenna's design radiation pattern
since the feedline is now part of the radiating structure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Aug 1995 02:37:53 GMT
From: you@somehost.somedomain (Your Name Here)
Subject: Gathersburg Hamfest

In article <1995Aug21.220752.19869@sei.cmu.edu>, hms@sei.cmu.edu (Howard
Slomer) says:
>
>
> I attended a hanfest at Gathersburg, Md. several years ago. Is the
>hamfest being held this year. If so, could someone please send me the
dates?
>
> Thanks,
> Howard
>
th Gaithersburg hamfest os on September 10th...

C ya there,

Bill
KA3MFN

Date: 23 Aug 1995 02:44:23 GMT
From: mike@dra.com (Mike Mellinger)
Subject: GIVE AWAY OLD EQUIPMENT ST. LOUIS

Have several vintage goodies in fairly poor condition. Price is free, but
you

must pick up at my convenience in St. Louis County MO. No documentation at all. All or none

1. Johnson Viking II with VFO, all freq, most mods.

2. National RAO-2 surplus WWII receiver. Actually NC200 with extra RF stage
to prevent LO radiation which sunk some PT boats.

3. RME Preselector.

4. Few other bits and pieces. 450 mhz MOTRAC.

Will not check newsgroup. Reply via EMAIL only. No telephone or snail mail.
Prefer St. Louis area only.

Mike WA0SXV
mike@dra.com

Date: 22 Aug 1995 23:42:24 -0400
From: headshrnkr@aol.com (HeadShrnkr)
Subject: Good customer service - ICOM

I can second Gary's comments about ICOM. Right after I purchased my 820H I was attempting the expanded receive mod and slipped with the soldering iron and damaged a diode. Not only did ICOM ship the part to me at no charge, they also shipped a wiring and componet location sheet to assist me.

Gary Fiber in tech support has also been top notch for questions. He even emailed me on a Saturday about a problem I was having with a ICOM amp!

Needless to say I have purchased several ICOM unit since! Customer service is key and ICOM understands it!

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

Date: 26 Aug 1995 09:39:26 -0400
From: mparkes@aol.com (Mparkes)
Subject: HAL P38-Clover comments?

I'm interested in the HAL P38 modem for HF. Anyone have experience with this? Also, Clover mode, how does it compare to the other TOR modes on HF?

Was going to buy a KAM but may opt for this HAl unit instead.
Thanks for all feedback, Mike KS4DA

Date: 26 Aug 1995 11:06:03 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: HF Receiver Question?

>I was listening to a conversation on 75 meters the other day. These two
>guys were talking about the best HF transcievers on the market, and one
>of them made the point that a rig that had a build in AC power supply
>always had better sensistivity, dynamic range, etc. than a radio that
>required a 12- 15 volt external power supply.

Herb, That's about as good as worrying about the color of paint. The
location of the supply and what it plugs into have no effect on the
parameters mentioned.
I can think of threads of logic that may be distorted into forming that
conclusion, but it is a giant leap.

You hear a lot of strange stuff if you listen long enough.

73 Tom

Date: 22 Aug 1995 23:41:23 -0400
From: jlamar@yrkpa.kias.com (John LaMartina)
Subject: Kenwood TM-201 Mods

Just picked up a TM-201. Any mods ?

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

Date: 25 Aug 1995 17:34:17 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood TM-241A comments?

70172.2325@compuserve.com (Bob Ingersoll) wrote:
>jacobymike@delphi.com wrote:
>
>>
>>Would anyone care to share comments on the Kenwood TM-241A 2M FM rig?
>>How's the AM aircraft band reception? Looks like most places are selling
>>this rig for $300 now.
>>
>> Thanks Mike N3MA Manassas, VA
>
>I am a new ham and bought my first radio, a TM-241A, a couple months
>ago for my '93 Suburban. I can't really give a technical evaluation

I have a 241A (bought in April) and was just given my money back
because the aircraft rx "is about as sensitive as a rock"...Thats
a quote from Kenwood themselves...Don't expect to hear anything
on the aircraft band...

ttfn fiz

Date: 25 Aug 1995 17:40:36 GMT
From: fiz <fiz@lamar.colostate.edu>
Subject: Kenwood uses false advertising?

gfiber@halcyon.com (Gary P. Fiber) wrote:
>In article <41j5qq$7qo@taurus.neca.com>, jmusto@neca.com says:
>>
>>PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:
>>
>>>>I bought a Kenwood TM-241A this spring...One of the questions I
>>>>explicitely asked was, "Does this radio receive aircraft
>>>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>
>>Why stick someone else with it AND get LESS than you paid? Make
>>Kenwood take it back. I'll give you some places to start:
>>

>>
>I'll tell you guys, if there is no published specification, or if the
>preformance of the radio is not guaranteed outside of the Amateur Bands.

OK here it is,

"It also covers the aircraft frequencies on receive."

I've just found out I'm getting a full refund...

ttfn fiz

Date: 26 Aug 95 09:30:30 GMT
From: MAILER-DAEMON@RTP41.ceo.dg.COM
Subject: REJECTED: Ham-Equip Digest V95 #359

----- Mail rejected by CEO. -----
No Response from Remote Mail not sent to:john loos@dgc.ceo

----- Unsent message follows -----
From: ham-equip@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Subject: Ham-Equip Digest V95 #359
X-Ceo_Options: Document

<Original text message attached as document>

CEO document contents:

Ham-Equip Digest Sat, 26 Aug 95 Volume 95 : Issue 359

Today's Topics:
*** 826 Tube Info/Sources desired ***
572B tube in Collins 30L1 ??? (2 msgs)
800 MHz mod - C508A
Accuracy of Autek WM-1 at QRP
DSP Filter Advice??
K-com filters and Telephone RFI (2 msgs)
Kenwood uses false advertising?
Need info on Kenwood TS 850 (converter functions)
Q:FDK mic pinout?
Someone wanted IC-2GXAT mods
w1fb,rtty
WANTED: 2m Gonset Comm. IV man/schem.
Wanted: DG-5 digital display for TS-520SE
what's mods for Icom 260E ?
Yaesu FT51R
Yaesu Repair, USA phone # ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 22 Aug 1995 14:19:58 -0400
From: hamrlund@aol.com (HAM R LUND)
Subject: *** 826 Tube Info/Sources desired ***

Antique Electronic Supply has new 826 tubes for $43.00 ea. + shipping...

But, I have 2 new Jan 826's new in the boxes...I'd let go for $65.00 for
the pair shipped.
If you interested, E-mail me & let me know.

robert fowle
1215 winifred
jackson, mich.
49202-1946

Date: 22 Aug 1995 12:06:07 -0400
From: dsnowden@ccd.harris.com (Doug Snowden)
Subject: 572B tube in Collins 30L1 ???

Subject says it. Will the 572B tube fit in the 30L1? Physically? It might be a bit bigger than the 811A tube, I don't know. If it will fit, is it electrically near the 811A? What is the result, more power? More reliablity? Or a waste of money?

Along the same line, what is the advantage of using a ceramic based 811A as opposed to the bakelite based ones? I see RF parts advertise the ceramic based ones at quite a bit more money..

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
work: (407) 242-5542
home: (407) 98409360
dsnowden@ccd.harris.com

Date: 22 Aug 1995 21:32:21 GMT
From: "Manuel A. Maseda WF1J" <mmaseda@packet.net>
Subject: 572B tube in Collins 30L1 ???

Doug,

572B will work just fine in a 30L-1. You won't get anymore power out but they will last forever. Collins recommends that you change out one of the one of the caps in the 30L-1 for best operation with a 572B but I've tried them with a stock unit and it seemed to work fine. If your really interested in this mod I can dig through my stuff and tell you which cap to change.

As far as the ceramic based 811A, I've used bakelite 811 and 811A tubes for years and have never found any problems. I wouldn't spend any extra for a ceramic base but if its the same price, why not!

Manuel WF1J Tampa, Fl.

Date: 24 Aug 1995 16:02:53 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: 800 MHz mod - C508A

Hi,

I have noted that my C508A picks up cellular conversations on the image frequency. The C508A first IF is 23.05 MHz, so my guess is that the images will be 46.1 MHz higher than the 870-890 MHz cell site outputs, ie 916.1MHz to 936.1 MHz. Set the frequency offset to 30 KHz and snoop away!

The image sensitivity is of course not good - I live on a hill and the S meter doesn't go to S9, but it seems better than having a mods butcher pulling such an intricate package apart!

Cheers,

Rob
ZL2AXQ
Mill Valley CA

Date: 22 Aug 1995 21:11:10 -0400
From: brooney@aol.com (BROONEY)
Subject: Accuracy of Autek WM-1 at QRP

I was wondering whether anyone had any fact (or opinion) about the
accuracy of this wattmeter at less than 5 watts. I have both QRP and
regular 100 watt rig. Would like a wattmeter for both but accuracy at QRP
level is most important. Or...do I need to get a QRP wattmeter (I
understand Oak Hills has one).

Thanks

Bill/KG8HR

Brooney@AOL.com

Date: 24 Aug 1995 13:50:40 GMT
From: lmenzel@millcomm.com (Larry Menzel)
Subject: DSP Filter Advice??

QST panned the 59+ in this area.

Gary

I suggest you give the fellows at TimeWave a call. Ask for Randy or Al
and see if you can get a better handle on this. I live in Minneapolis
and know the guys personally, and they will do what is necessary to make
you happy with their product.

Good Luck and 73

Larry N0CIB

Date: Thu, 24 Aug 1995 21:40:23 GMT
From: mikeka@netcom.com (Mike Kapitan)
Subject: K-com filters and Telephone RFI

: Anyone out there with experience with K-com telephone RFI filters?

I've tried 2 of 'em at two different locations with various ants
(verticals/
dipoles) and found them to be wholly ineffective.

My $.02 ....

Date: 25 Aug 1995 23:05:40 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: K-com filters and Telephone RFI

In article <mikekaDDu47C.72t@netcom.com> mikeka@netcom.com (Mike Kapitan)
writes:
>: Anyone out there with experience with K-com telephone RFI filters?
>
>I've tried 2 of 'em at two different locations with various ants
(verticals/
>dipoles) and found them to be wholly ineffective.

I've used them and find them to be entirely effective in some cases,
partially
effective in others.

Howard Lester KE7QJ

Date: Fri, 25 Aug 1995 00:35:44 GMT
From: jmusto@neca.com
Subject: Kenwood uses false advertising?

PHIL HAWKINS <PHIL_HAWKINS@QMGATE.INCYTE.COM> wrote:

>>I bought a Kenwood TM-241A this spring...One of the questions I
>>explicitely asked was, "Does this radio receive aircraft
>>transmissions?"...The reply, "Yes it does"...To make a long story short,

>>I hauled the radio around in my car trying to hear friends in
>>airplanes...Never a peep...Finally I sent the radio back to Kenwood to
>be
>>checked..."No problem found"...So I talked with a rep...The official
>>party line at Kenwood is the TM-241A WILL receive aircraft, providing it

>>gets at LEAST a 50 MILLIWATT signal...How strong is that, you
>>ask?...Well, the 2 meter signals it receives only need to be 0.25
>>MICROWATTS...
>>
>>And it took them over a month to figure out my radio works fine...
>>
>>So, I plan to sell it to the first sucker I find and buy a new mobile

Why stick someone else with it AND get LESS than you paid? Make
Kenwood take it back. I'll give you some places to start:

President - Bruce Tatsuta
Service Manager - Joel Berger

Good luck. Keep on them and they will give you your money back. You
have a good case. You were told the radio would do something it will
not. I had problems with K'Wood years ago. I kept on them until they

gave me a refund and the radio was 1= years old! Don't take any bull
from them.

Date: Fri, 18 Aug 1995 20:48:17 NST
From: rhiscock@public.compusult.nf.ca (Robert Hiscock)
Subject: Need info on Kenwood TS 850 (converter functions)

I own a Kenwood TS 850s. Functions 26, 27 and 28 allow a 50 MHz, 144 MHZ
and
430 MHz converter to be turned on or off. Can anyone tell me if there is
a
converter that I can buy (where can I get it?) for the rig? The manual
makes
no mention of this, with the exception of saying it can be turned on or
off.

Thanks
Bob

Date: 24 Aug 1995 12:28:10 GMT
From: berg@fynu.ucl.ac.be (Guy Berger)
Subject: Q:FDK mic pinout?

Hello,

Could someone here tell me what is the mic pinout of the FDK
multi 2000 VHF transceiver ?

mni tnx es 73 de Guy

****
**
* Guy Berger * Amateur radio : ON7ZV
*
* Cyclotron Research Center * tel.: ++/32-10-47 32 25
*
* Universite Catholique de Louvain * Fax : ++/32-10-45 21 83
*
* 2 Chemin du cyclotron * Packet radio : ON7ZV@ON7RC.#BT.BE.EU
*
* B-1348 Louvain-la-Neuve * Internet : Berger@cyc.ucl.ac.be
*
* Belgium *
*
****
**

Date: 22 Aug 1995 20:58:27 GMT
From: tcalof@minet.gov.mb.ca (Terry Calof)
Subject: Someone wanted IC-2GXAT mods

Somebody was looking for mods for the IC-2GXAT about 2 weeks ago. Here are the ones I know about:

IC-2GXAT mods:
1) Extended rx (136-180 Mhz): Hold down F-Scan-Duplex keys at same time and turn radio ON. Or, cut diode D13 on logic unit.
2) Extended tx. Cut diode D14 on logic unit.
I have done the keypad mod for extended rx and it works without any mishap to the radio. 73/Terry VE4UC

Date: Fri, 25 Aug 1995 11:10:34 GMT
From: geo@nando.net (George McCrary)
Subject: w1fb,rtty

If you have won a RTTY contest in the past couple of years,
then you were more than likely using Ray's program.

73 de KQ4QM

George

Date: 25 Aug 95 13:53:59 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: 2m Gonset Comm. IV man/schem.

I'm looking for a manual/service manual/schematic for a 2 meter Gonset Communicator IV. Photocopies would be fine, also. Please email me with any offers.

Thank you and 73--
Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~

Date: Fri, 25 Aug 1995 01:03:44 GMT
From: Phil Hawkins <PHIL_HAWKINS@QMGATE.INCYTE.COM>
Subject: Wanted: DG-5 digital display for TS-520SE

Does anyone out there know where I can get a DG-5 digital frequency display for my TS-520SE? If someone wants to sell one please contact me at:

Phil_Hawkins@qmgate.incyte.com
~~~~~

KA6MZE

Phil Hawkins

Date: 23 Aug 1995 04:44:37 -0400
From: n7chs@aol.com (N7CHS)
Subject: what's mods for Icom 260E ?

If this radio is similiar to my old IC-255A one of the pins on the mike connector if grounded will start the VCO incrementing and a 1K ohm resistor across the pin to ground will start the VCO decrementing, or visa versa. Hope this helps.
73's

chuck berry
n7chs/4

Date: 25 Aug 1995 11:36:14 -0700
From: vsgregg@crl.com (Victor S. Gregg)
Subject: Yaesu FT51R

Floyd Adams (fladams@iadfw.net) wrote:
: swdecato@nps.navy.mil wrote:

: >I just purchased a Yaesu FT51R. I am very happy with it but have encountered
: >what might be a problem using the EDC-12 12V adapter. It seems if I chat quite
: >quite a bit and consume more than the DC adapter is supplying to the battery,
: >eventually I can't transmit at all (I have to wait until the battery recharges).
: >I thought the EDC-12 was supposed to provide direct 12V DC and trickle charge
: >the battery. Anyone else having similar problems?

: >steve
: >KA5DLB
: >swdecato@nps.navy.mil

: Steve, are you sure the battery power is dropping off or is it the
: radio that is reducing the transmit power output? I believe the user
: manual states that when you use a high power batter pack or DC
: adapter, the radio may overheat from the higher power output and when
: it overheats, it automatically reduces its output power level. I have
: never had mine get hot enough to completely quit transmitting, but it
: sounds like that might be your problem. I hope this helps...73's
: Floyd WD5ENJ

I'll add my two-cents worth here. You are both partially right.
I have had my FT51R heat up enough to shift to low power and then

to stop transmitting. You will notice that it is in low power
because the transmit scale will be half or a quarter of what it
would be in full power. When it finally overheats, it will actually
stop transmitting. That is your red transmit light will switch
to green even though you have the PTT pressed.

Unfortunately, except for the blisters on your palms, the transition
to low power and then no power associated with over heating is
indistinguishable from the same transitions you would see if you
were on low battery.

To answer the original question, my understanding is that the EDC-12
is a trickle charge, but that it does not bypass the battery, so you
can at high power draw more current from the battery than it is putting
in. I use the bulkier PA-10A, which does give you full power bypass
and trickle charge.

I hope that helps, and by the way, has anyone come up with a heat sync
for this radio? I have a couple of drawings, but I don't know what
material to use. Currently, I have had some sucess wrapping an ice
cube in a paper towel, and rubbing along the back of the radio. This
works best if you remove the belt clip and use a speaker mike. I know
that this is unworkable for most folks, but it does work in a pinch.
As long as you keep the radio dry, you can pull a lot of heat out
of the radio in a few seconds.

Victor S. Gregg
KF4BUX

Date: Fri, 25 Aug 1995 06:29:43 LOCAL
From: wdeegan@cpcug.org (Bill)
Subject: Yaesu Repair, USA phone # ?

I used the following a while back 310-404-2700. Ask for Chad he
helped me a while back when I dropped my ft530 on the BNC connector.
I found the service was done correctly ! Good luck.

73,

Bill

In article <41g711$7sh@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming)

writes:>From: jwdxt@boco.co.gov (Jim Deeming)
>Subject: Yaesu Repair, USA phone # ?
>Date: 23 Aug 1995 21:36:33 GMT

>I have the address (Cerritos, CA) of the Yaesu Repair office, but would
>like to call them before sending in a rig. Does anyone know their
>phone number?

>Thanks,
>Jim Deeming
>KB0MED

End of Ham-Equip Digest V95 #359
****

Date: Thu, 24 Aug 1995 15:23:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Repair Help on a Icom 251,mods also

In article <41b83t$nst@mis02.micron.net> Terry Dobler KJ7F
<kj7f@micron.net> writes:
>mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>>
>> Does anyone have experence repairing a Icom 251 all mode,also looking
>> for mods TNX 73 Mike WB2GLW
>>
> Don't know about mods. What is wrong with the 251?

Overloads easily, and has a terrible noise figure. Mutek (England)
has a replacement front end board that will fix this radio. I've
used it in a IC211, and it does wonders for strong signal handling
and for reducing the system noise figure.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 26 Aug 1995 08:12:26 -0500
From: fedpress@omnifest.uwm.edu (Rick Kissell)
Subject: What good is 6 Meters ?

Shell out $14 (plus 93 cents if you live in CA) for a postpaid copy of "Six
Meters: A Guide to the Magic Band" by Ken Nuebeck WB2AMU for the answer to
your question. It's available from:

Worldradio Books
Box 189490
Sacramento, CA 95818

This summer's Es season on 6 was fantastic! I worked Panama with an HF
vertical on 6M SSB!

73,

Rick WB9GYT
Milwaukee

End of Ham-Equip Digest V95 #360
****

Date: 24 Aug 1995 21:54:03 GMT
From: daveb@buffnet.net (dave)
Subject: w1fb,rtty

Interested in comments about w1fbs' contest program.

Good / Bad ??

thanks

--- daveb ---

End of Ham-Equip Digest V95 #361
****

End of Ham-Equip Digest V95 #362
****

Date: Sat, 26 Aug 95 19:59:03 -0500
From: mjclark@delphi.com
Subject: Where can I get a gel cell battery?

<morganp@fn1.freenet.edmonton.ab.ca> writes:

>I have been looking for a gell cell battery but i cannot find one, any
>suggestions on where to get one?
>
>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct
in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo---

You did not say how large a battery you wanted, which would help.
Assuming you are in the market for something other than palm sized you
should try Sears. They have a range of gell cells at attractive prices
available on special order from their auto centers. At least that's
what the flyer they were handing out at the last Miami Boat Show

indicated. Failing Sears, try West Marine or Boat/US. The 800
information operator can give you their numbers.
-
Good luck
Malcolm
KR4HP

Date: Sun, 27 Aug 1995 00:18:24 GMT
From: glidden@greene.pgh.net (Jack Glidden)
Subject: WTB: Tone pad TR-7600 (Kenwood)

I am looking for the tone pad for the Kenwood TR-7600. The unit plugs
in the back into a 3 or 4 pin socket. If you have one of these lying
around, or know how I might wire one up, please send me email.

PS I know that I can go to Radio Shack and pick up a audio tone pad
that I could use into the mic, but I would rather have a plug in unit
if possible.

Thanks .

Date: Thu, 24 Aug 1995 11:54:52 GMT
From: Ed@Ed.UCSD.EDU
Subject: Yaesu Repair, USA phone # ?EE

The number I have for Yaesu is 800-255-9237

End of Ham-Equip Digest V95 #363
****

End of Ham-Equip Digest V95 #364
****

Date: 23 Aug 1995 18:06:27 GMT
From: rasta@stlucia.net (Paul O'Connor)
Subject: Several Items

Timewave DSP 9+ $200.00
KW SM 230 Scope Box Manuals etc.$650.00
MFJ-989C 3K Tuner (new industor coil) $200.00
Hayes Optima 14.4 Modem..............$150.00
Yaesu MD-1 c8 Mic (never used).........$75.00

Call 717-232-2015 if interested

Date: 27 Aug 1995 06:43:05 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Yaesu FT51R

I bought one a couple of weeks ago. I haven't talked much on it, but I have used it several times in a QSO with a friend on a repeater. On full 5 watts, it seems like it will be useable for at least twenty minutes of back and forth talking. On the next lower power (3.5 watts, I think) it seemed like we could just keep talking into the night. The back got a little warm, but evidently not warm enough to do anything during the 1.5 to 2 hours I was using it.

Max
N7NWG

End of Ham-Equip Digest V95 #365
****

End of Ham-Equip Digest V95 #367
****

1534. Re: Change WBFM to NBFM????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: fas@exu.ericsson.se
Message-ID: <42hvkr$dnb@cnn.exu.ericsson.se>
Source record: 212832

you will most likely change the IF filters for RX. TX should be easy reduce deviation

---

Frank Scaraglino scaraglino@egertp.ericsson.se KA2FWC

1535. GIEHL

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: cowanr@isma8.monmouth.army.mil
Message-ID: <3AF59DDB@MHS>
Source record: 212833

Does anyone have the Email/fax/telephone number for Giehl in Cincinati Ohio.

Thanks
Roland WF4P

cowanr@isma8.monmouth.army.mil
or WF4P@aol.com

1536. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWUS4532U000BVF@SIL.ORG>
Source record: 212834

---------- Returned ----------
From: ham-equip@ucsd.edu at internet
Date: 8/30/95 1:25AM
To: Norm Beasley at PNG
*To: Ham-Equip@ucsd.edu at internet
Subject: Ham-Equip Digest V95 #377

Text item:

Ham-Equip Digest Tue, 29 Aug 95 Volume 95 : Issue 377

Today's Topics:
(no subject)
2m/70cm Handheld Recc
2m/70cm Handheld Reccomen
Batt voltage on FT-51R
Do the manufacturers give
DSP Filter Advice??
Equipment For Sale
Extended Rcv on FT51r?
For Sale: Scanner
Heathkit HT
Help with no-code survey..
HF Receiver Question?
IC-32E resets VHF memories...why ?
ICOM IC-W2 manual
Kenwood uses false advertising?
Keyer-Paddle Input Sought
Transverter Info
WANTED: Gonset Comm. IV man./schematic
What Happened to CALLSIGN.CS (2 msgs)
Yaesu FT-530 replacement antenna (2 msgs)
Yaesu FT51R

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 30 Aug 95 03:54:56 GMT
From: gene@ilsi.COM (ILSI)
Subject: (no subject)

We would like to ask you to place a link from your site to our
homepage. Please check out our homepage and let us know what you think.

We have created a database to assist people that want to advertise on
the internet. Using this database, people with homepages will now be able
to easily find appropriate sites for links to their homepage.

We are Internet List Services Inc. and we would appreciate your help.
Please visit us at: http://www.ilsi.com/ilsi5.html

Thank you,

Gene

Date: Tue, 29 Aug 95 19:36:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: 2m/70cm Handheld Recc

Subject: Re: 2m/70cm Handheld Reccomendations ?

>>Handhelds for the 220 MHz band are getting harder to find; someone
>>still does make a 2M/220 handheld, and I can look up that info. if you
>>like.

It's from Standard.

~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

Date: Tue, 29 Aug 95 19:36:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: 2m/70cm Handheld Reccomen

Subject: 2m/70cm Handheld Reccomendations ?

>>I just passed my no-code yesterday...

Congratulations!!!

>>... and am looking to purchase an 2m/70cm handheld.

We're the WORST group to ask for equipment recommendations! We're much
too biased.

I would like to advise you to join your local Amateur Radio club. They
can provide you with HANDS-ON experience with many units.

Then, after you have performed all your research, you will independently
discover that the Standard C558a is one of the finest HTs you can buy.

<grin>

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221
~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

Date: 28 Aug 1995 13:38:34 GMT
From: swdecato@nps.navy.mil
Subject: Batt voltage on FT-51R

Minor annoyance with my FT-51R. I am using the large battery which gives
the full 5w output. Fully charged the voltage indicates 11.4 volts. Without
transmitting I get about 2 full days of usage (monitoring) before I have to
recharge. The low battery indicator blinks just about 3 seconds before
the display blinks and dies. That's not enough warning (and that assumes
you had your eyes on the display when it happens). Mine quits when the
voltage drops to 7 volts.

I too have the heat problem when running the radio using the EDC-12 in
my car at high power. I try not to use high power because it sucks the
battery dry so fast, its not worth it. I've tried all the battery saver options
and still have the same problem.

On the lower power settings the radio is much more reliable. It is extremely
easy to operate. The manual is not needed for most features.

I have rigged up an external 12v nicad power pack to use with the EDC-12
to see if I can get around my battery problems.

A suggestion for the fellow who complains of burning his hands when in
the car... I use a speaker/mike (and leave it on a lower power setting).
Also try to position the radio near your air conditioning duct.

steve
KA5DLB

Date: Tue, 29 Aug 95 19:36:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: Do the manufacturers give

Subject: Do the manufacturers give a damn?

>>My experiences vary-

Why STANDARD isn't in your "Big Three" I have no idea.

I haven't run into a better Customer Relations Department than theirs.
For either technical support or product information. A first class
operation (with first class products).

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221
~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

Date: 28 Aug 1995 19:42:45 GMT
From: Grant Youngman <us007699@interramp.com>
Subject: DSP Filter Advice??

tuck@europa.com wrote:
>I operate CW most of the time and am interested in either the Timewave 59+
>or MFJ 784B. Any advice? The areas of most concern are:

It seems to me that the responses you have received pretty much tell a tale of their own .. that is, that not everyone likes the same piece of equipment.

Everyone has their own reasons for liking one box over another. And of course, whatever they have ended up with is "the best". I ran an NIR-10 and the older DSP-59 (no "+") side by side for months. Sometimes one was "better" than the other in some specific respect on that day with those band conditions, sometimes the other way around. Every one of the boxes is a compromise one way or the other -- if they weren't, you and I couldn't afford to buy one. I finally parted with the NIR-10, but not because it was a crummy product -- only because for MY needs, the DSP-59 represented a better set of compromises. I currently use a DSP-59+ and I'm happy with it, but I'm also itching to get my hands on an NIR-12 to see how that one plays.

The early MFJ "Super DSP" was really crummy in a lot of ways. Tried one briefly and moved on quickly! Sounds like they may have improved things in the "B" version.

You'll never know which one is best for you unless you try them all side by side. So the way out is to pick one and run it for a while and see if YOU like it. 'Cuz what I like, or what somebody else likes may not be what you're gonna like.

And you'll always wonder if the grass might have been greener with the one you didn't buy :-) :^} ....

Grant/NQ5T

Date: Tue, 29 Aug 95 06:48:09 GMT
From: mikey@primenet.com (Michael "Mikey" Jones)
Subject: Equipment For Sale

I have the following equipment for sale:

Yeasu FT-840 HF rig. Antenna tuner, 20 amp power supply, paddle/keyer combo, desk mic, dummy load, low pass filter. $800.00

Radio Shack HTX-212 2m mobile $200.00

AEA PK-232 MBX Multi-Mode with NEC 286 laptop (no HD or battery, but with AC Adapter) $250.00

Cushcraft R7 $300.00

Cushcraft AR-270 $ 50.00

Ranger RCI-2950 10m mobile $200.00

Please e-mail me at: mikey@primenet.com

73
Mike
KC6YWT

Date: 28 Aug 1995 23:12:36 GMT
From: wright@onramp.net (jeff wright)
Subject: Extended Rcv on FT51r?

I Just changed the line in win.ini to a "1", and was able to load in out of band frequencies for receive. But, when I tried to listen to local radion stations in the FM band, I got nothing. Any ideas?

Jeff Wright
wright@onramp.net

In article <41r6q1$35d@umcc.umcc.umich.edu>, lbutler@umcc.umcc.umich.edu (Les Butler) wrote:

> In article <41h0g9$94n@maureen.teleport.com>,
> Max Sabo <tigger@jcomm.uoregon.edu> wrote:
> >Someone posted here a few weeks ago a software mod for this radio using
> >the software program that was written for it. He said that all you need
> >to do is change the line allowanyfrequency=0 to allowanyfrequency=1 in the
> >win.ini file (the line should be under a section toward the end of the
SNIP

> It works fine....
> Les
>
> --
> Les Butler KB8WKE....
>

Date: 28 Aug 1995 22:09:26 -0400
From: kq4io@aol.com (KQ4IO)
Subject: For Sale: Scanner

The following items are for sale, contact
Larry, AE4FV (305) 435-8524

Realistic PRO-2006 scanner $300.
Diamond D130J discone antenna $60.

Date: Fri, 25 Aug 95 08:39:00 -0500
From: dave.dennett@grapevine.lrk.ar.us (DAVE DENNETT)
Subject: Heathkit HT

I have a Heathkit dual band HT I want to use in my car. I have long since lost the manual.

Does anyone know if I can use a radio shack HTX202 12V adapter and speaker/mic with the Heathkit (Its got a 12V in plug on the side), or if the heathkit needs some special device to hook it to a car battery?

Date: 29 Aug 1995 02:16:53 GMT
From: russ@primenet.com (Russell Gore)
Subject: Help with no-code survey..

Thanks for reading this, my name is Russell Gore and I am a student at DeVry Institute of Technology in Phoenix. Part of my technical writing class is a survey, please complete the following survey and mail it back to me at RUSS@PRIMENET.COM thanks..

What class of license do you hold?
Do you support the idea of no-code on HF? Why?

****
Please send answer for the two questions to RUSS@PRIMENET.COM

--
****
Russell Gore WL7AG || Internet: russ@primenet.com
8902 N 19th Ave apt2031 || Packet: WL7AG@K7BUC.AZ.USA.NA
Phoenix, AZ 85021 || Compuserve: 72377,2075
****
Student at DeVry Institute of Technology in Phoenix, Arizona

Date: Sat, 26 Aug 1995 05:19:16 GMT
From: herbr@netcom.com (Herb Rosenberg)
Subject: HF Receiver Question?

I was listening to a conversation on 75 meters the other day. These two guys were talking about the best HF transcievers on the market, and one of them made the point that a rig that had a build in AC power supply always had better sensistivity, dynamic range, etc. than a radio that required a 12- 15 volt external power supply.

Is there any basis to that? He seem to be making a fairly convincing argument, although, I thought both rigs require 13-15 vold dc, whether it comes from an internal ac supply that converts it to 13-15 dc, or simply

a rig that takes the dc direct.

I think they were serious top gunners, talking about top of the line
world class radios.

I would apprecaite hearing any technical comments about this.

Thanks and 73's.

Herb - KG6OK

--
herbr@netcom.com

Date: 28 Aug 1995 22:36:49 GMT
From: tfugate@service1.uky.edu (Terry Fugate)
Subject: IC-32E resets VHF memories...why ?

In article <DDtAn8.4Ay@lut.fi>, tuomi@kyy.cc.lut.fi (Pasi Tuomi) says:
>
>I have a problem:
>
>When my ic-32e has been a few hours without its battery or
>dc-power, a memory channels which have VHF frequencies are resetted,
>but channels that hold UHF freqs are ok and are not resetted ????
>
>Does anyone know why ?
>
>Is there two backup batteries, one for each band ? (I guess, no.)
>
>I do not have scema just now so I can't hunt that error myself.
>
>Any ideas ????
>
> de Pasi
My IC-28A and R2000(Kenwood SW) both had the same symptons as you
describe. The internal Lithuim back up 3v batery (Br2026???) went
south. You can likeky get these bateries at Radio Shack.
My R2000 wnet thru Litiums cells about every 6mths. I used one of
those large "C" backup cells(about 1F at 5v) in both the IC-28A and
the R2000. I forget what value of resitor I used to charge the "C".
My IC-28A will go at least 2Mths without lossing its mem.
.....
Terry Fugate
UKTV
University of Kentucky
"The opinions expressed herein are mine, and soley mine. They do not
represent the official view of the University of Kentucky,
the State of Kentucky, or any agency of any government or agency.
If you do not like my opinion, just get on with your life.
I will not change your mind

and you damn sure can not change mine."

Date: 29 Aug 1995 00:36:49 GMT
From: gbg@hol.gr (Alexiou Dimitrios)
Subject: ICOM IC-W2 manual

I'm trying to find the manual of ICOM dual band transceiver IC-W2,
is there someone who has it and can photocopy and mail it to me ??
I would be more than grateful..
Thanks in advance, 73's from sunny Athens, GR

p.s. My mailing address is : P.O.Box 3489, 102 10 Athens, GREECE.

Date: Wed, 30 Aug 1995 00:36:45 GMT
From: jjmartin@world.std.com (Jim Martin)
Subject: Kenwood uses false advertising?

Lord GAD <73110.250@CompuServe.COM> sed:

:>>>These is no law that requires you to hold an Amateur license for
:>>> purchasing an Amateur radio transceiver.

:>AHA! I think there should be. If you must be lisensed to xmit, why
:>not be lisensed to buy? I realize that my own situation would
:>change as my fiance bought me my first rig, but hey, compromise is
:>key.

Your eminence, Lord GAD:

[Here we go again with this thread] ;-D

Have you thought about the ramifications that would exist if what you stated
came to be? Nearly every ham who holds a Novice thru Advanced class ticket
would not be able to purchase an HF rig that covered the entire amateur HF
spectrum. Since they are not licensed to transmit in the next higher class' of
license subband they [according to your statement] should not be able to
purchase such a rig.

And a Novice operator would not be able to buy a two meter radio.

Think about it. It's not up to us [as hams] to determine who can and cannot
own or purchase a radio. After purchase it is between the buyer and the FCC if
the radio gets used. Unless of course you are appointing yourself an operation
police person. Then YOU can run around and check to make sure that stores are
selling xmitting equip only to licensed individuals.

Otay?

Jim Martin, WK1V	I speak for no one...Not
Lowell, Massachusetts	even for myself!
USAF (Ret)ained	#include "std_disclaimer.h"

|ex: KA5MWD/N1CLS/KB1LW/HL9ZF | Intentionally Left Blank |

Date: Sun, 27 Aug 1995 22:07:59 -0400
From: dddavis@mindspring.com (Don Davis)
Subject: Keyer-Paddle Input Sought

I am considering a iambic paddle and keyer to help me learn the code. I see in the MFJ catalog a keyer combined with a Bencher paddle (MFJ-422C). I'd be interested in anyone's opinions as to whether this is a good way to go or if I should consider something else. Thanks in advance.

Date: 28 Aug 1995 17:50:14 -0400
From: towen@freenet.vcu.edu
Subject: Transverter Info

In reference to the 2m SSB transverter you are considering, my experience is the following:
I bought a 2m Allmode Yeasu FT-290MarkII (25W) output for $425 recently. I considered a cheap 10M allmode + transverter, but for the money, size and convienence of a single rig I chose the FT-290 (I did not already have a HF rig).

My point is that you can get used FT-290 with the same specs as the transverter for about the same price.

--My 2cents worth, Todd KE4UDN
--

Todd Owen (KE4UDN) Virginia Commonwealth University
towen@freenet.vcu.edu Richmond, Virginia

Date: 28 Aug 95 15:36:02 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: WANTED: Gonset Comm. IV man./schematic

Hello. I would like either the original or a photocopy of a manual including schematic for the Gonset Communicator IV 2m AM rig. Also, I have a friend who is interested in the same for the Communicator III.

Please email me.

Thanks and 73--
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~

Date: Mon, 28 Aug 1995 03:29:12 GMT
From: cliff@pgh.nauticom.net (Cliff Frescura)
Subject: What Happened to CALLSIGN.CS

I don't know about callsign.cs.buffalo.edu 2000.

You can get the same filters on callsign.ualr.edu 2000. I think it has
the level of sophistication you're looking for.
73,
Cliff K3LL

Dave Roznar (droznar@best.com) wrote:
: I hope someone here knows the answer to this. I used to Telnet to....
: callsign.cs.buffalo.edu 2000 and use their online callbook. I know there are a
: lot of others, but this one would let you look up a persons NAME, etc. I used
: it to find a friend, since he has long since changed his call.

: I tried it yesterday and it did not respond with the callsign server. Anyone
: know what happened, or of another one that lets you use NAME as an input?

: ==
: Dave Roznar - W6TGE

: Saratoga, CA

: email droznar@best.com
: ==
~~~~~~

1537. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWWG3KRGE0000LQ@SIL.ORG>
Source record: 212835

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 9/2/95 1:11PM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #393

Text item:

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 393

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 18:02:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 392

Today's Topics:
OUT:BACK ON 9/9/95
Radio Shack 2m HT - Is it a good by for the price?
WANTED: Any info on pirat

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Date: 2 Sep 95 16:55:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

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SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 391

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 15:56:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator

WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

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Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM

Subject: OUT:BACK ON 9/9/95

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Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

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Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very

>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries

opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are the operating frequencies changed? What are the input voltages for proper battery connection. I'm just wondering if I could get the thing to work on 2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions. What you suspect has been suggested to me in several Email messages I received from other members of the group. I have gotten some good leads to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a codeless class of license was proposed; we now have it. There is a place for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)

Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

---

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill) writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and they
>have work flawlessly for at least 3 and 2 years respectively. The oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT. Battery did not last more than 8 months. Nedless to say, it was the last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)

Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of

one of my local ham friends. I'd be interested in knowing the best rtty and sstv interface to get us up and running in time for the CQWW RTTY DX contest later this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we could qrv on sstv using the sound card...is it true? Otherwise, looking at the PASOKON SSTV card (73 Mag last month) and have no idea what rtty controller to buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes, Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia) Licensed Radio Amateur since 1986 //comments are mine only

---

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>

>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>

>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are interested in the casual day-to-day logging, not contest logging. For casual daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I believe
version 2.24 was a "testware" program that allowed free testing for a period of time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before, date, time, band, etc. Shows QSO's with that country before. Automatically tally's DXCC and WAS by band, by mode. Has default settings for power-up (I enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did

> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out,

at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are
programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly
appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd
Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to
Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex,
mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m
antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now.
I was
>planning to give the HT to my wife (who will be driving our car). I'm
going to
>be driving the U-Haul truck we rented. Short of running it to the
battery, the
>only way I can think of powering this thing is via the cigarette
lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high
power, but
>since my wife will only have 5w at her disposal, I'll probably only be
using
>low (3A) or medium (9A) power.Think this will work, guys?

>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode Data Controller. I will cover cost of original or photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono band transceiver from Ten Tec? Please let me ask you a couple of questions.

1.What sort of circuit is in a band module? The band module is the one you have to pull out and push another one into the transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the limited output power - even with an external antenna on a car I have difficulty getting reliable QSOs thru repeaters. I am looking at buying a "brick" amplifier to get round this. The other restriction is the audio output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on climbing trips and use in hotel rooms when travelling. Sure there is no autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and

the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220
repeater and my 2m HT, I have to wait for the 220 repeater to drop
before I can transmit. This becomes a real drag when on a roundtable
on the 220 repeater and it has a long hang time. Is there anyway
around this? Is there a way to make the 742A act like a single
frequency repeater on the 2m side (ie. sample the receive every few
hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

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```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't
try it until yesterday and I couldn't seem to get it to work. I know
there are a few people out there that got it to work, do you think you can
help me? I changed the line to 1 after I loaded in a template, then
downloaded the same file to the radio, but it still doesn't seem to want
to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my
area and so not a problem, but I do wish the keyboard was lighted!!!!
The display lights up OK and is readable, but given when I use it in
emergency drills and such, a lighted keypad is a must in my next HT.
The original poster should consider this as well. Otherwise, I still
consider it a good buy, and agree with the others that the original
poster should wait for the next sale. I'm hoping to get my boy one for
himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
installed. Kenwood says that option is no longer available. does any
one know of a way to build one? The local repeaters are all using 100Hz
tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in
the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave transmitter/receiver working at (4.005 MHz). The use is to supply village to village communication in Tanzania Africa. A small pilot project has successfully run for the last 12
years with commercial bought in equipment. The aim is to manufacture pedal generators and short-wave transmitter/receivers locally in Tanzania both to save foreign currency and provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board. The factory board will only let you set it up for three different frequencies, if I remember correctly. If you only need one frequency, I would look at one of the miniature tone boards that Communications Specialists sell. They are available from a lot of the mail order places. They are very simple to hook up. The original factory tone board plugged into a small plug on the 7950. My guess it was a B+, GND and tone into the radio line. Even if it is not, you can call Communications Spealists and they will tell you where to connect their boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
****

End of Ham-Equip Digest V95 #391
****

Date: 31 Aug 95 12:53:02 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: Radio Shack 2m HT - Is it a good by for the price?

hdc@netmetro.com (hdc@netmetro.com) wrote:
> I would appreciate your comments on the Radio Shack 2m Handheld
> transceiver.
> I'm a rank beginner with my new tech licence, looking for my
> first rig.

Not to send you off the track of a HTX-202, but I've just heard about
the 4th radio in my county going on the blink. Intermittent transmit.

All the same problem. The latest one is 3 months old. Whenever used on 12 V. it is on a mobile 5/8 antenna.

True, I don't know how many operators in my county have the HTX-202, exactly. There are approximately 1300 or so amateurs that live in my county. I'm sure they don't all own the HTX-202. ;-)

The ones that do work sound good. The owners like them. Just about every owner that I have talked to has the extended warranty. (And it is apparently pretty good tha they do have it...)

> Is it a good buy for $260? I notice that they bundle in a few
> options in the
> price, that others don't. Is there a better choice in that
> price range?

Considering the problems that I've heard with this HT, >if it were me<, I wouldn't purchase it without the extended warranty. Figure another $40 or whatever it costs onto the price of your HT. Now you're looking at around $300. Is it worth that much? In my opinion, no.

Now if you get it for the sale price of around $190 + $40 warranty, you're looking at $230ish. Yeah, maybe it is worth that to someone. Did I say "Don't buy this radio without the warranty?" Well, if I didn't say it, be sure you don't buy it without the warranty.

Actually, I think Radio Shack ought to adjust the price of their radio so it includes the price of the 5 year warranty. Of course, others may not think that way... I'm just going by the track record I've seen from locals on this radio...

I must add that Radio Shack has been very good to the locals in the customer service department. They stand behind their product. That is an important consideration when considering a purchase of most anything.

It is reported that the HTX-202 is very good in a high RF environment. It tends to not suffer from intermod interference. This might be something to consider, too.

All in all, I'm pretty neutral on the HTX-202. I probably wouldn't buy one for myself, but I'm not in the market for a 2M HT, either.

Contratulations on your new license and enjoy--

73,
Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~

~~~~~

Date: Wed, 30 Aug 95 19:17:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: WANTED: Any info on pirat

Subject: WANTED: Any info on pirate radio station

>>I'd like to start my own pirate radio station.
>>What equip. do I use, or need.
>>Any info would be very appreciated.
>>Chad Mears

Contact this group in writing:

Federal Communications Commission
Washington, DC 20554

Be sure that your correspondence clearly identifies how the FCC may
reach you for further information, and that the matter you are addressing
is understandable and accurate.

Clint Bradford
... Artificial Intelligence is no match for Natural Stupidity.
---
* TLX v4.00 *
~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

End of Ham-Equip Digest V95 #392
****

End of Ham-Equip Digest V95 #393
****

1538. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWWFVJY2U0000LQ@SIL.ORG>
Source record: 212836

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 9/2/95 11:03AM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #391

Text item:

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 391

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 15:56:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station

Yaesu FT-530 replacement antenna

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policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com (ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>

>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

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OUT:BACK ON 9/9/95

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From: WUNDERMAN_MARK@tandem.COM
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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

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Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95

Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper

battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,
>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

---

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill) writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and they
>have work flawlessly for at least 3 and 2 years respectively. The oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT. Battery did not last more than 8 months. Nedless to say, it was the last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later

this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

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Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed

the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****

Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>

>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are interested in the casual day-to-day logging, not contest logging. For casual daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I believe
version 2.24 was a "testware" program that allowed free testing for a period of time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before, date, time, band, etc. Shows QSO's with that country before. Automatically tally's DXCC and WAS by band, by mode. Has default settings for power-up (I enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power
output (actually it often measures the RF voltage output), and adjusts the

RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are
programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly
appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd
Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to
Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex,
mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m
antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now.
I was
>planning to give the HT to my wife (who will be driving our car). I'm
going to
>be driving the U-Haul truck we rented. Short of running it to the
battery, the
>only way I can think of powering this thing is via the cigarette
lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high
power, but
>since my wife will only have 5w at her disposal, I'll probably only be
using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,

> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only
from California...

The last U-Haul I rented had binding posts on the dash with 12VDC
available. I suppose we could tell each other that they did it for the
Ham community, but my real guess is that they got tired of people
butchering the wiring to hook up CB's. I know from several years of
experience in repairing over-the-road trucks that some people will cut
into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS

email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the limited output power - even with an external antenna on a car I have difficulty getting reliable QSOs thru repeaters. I am looking at buying a "brick" amplifier to get round this. The other restriction is the audio output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on climbing trips and use in hotel rooms when travelling. Sure there is no autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220
repeater and my 2m HT, I have to wait for the 220 repeater to drop
before I can transmit. This becomes a real drag when on a roundtable
on the 220 repeater and it has a long hang time. Is there anyway
around this? Is there a way to make the 742A act like a single
frequency repeater on the 2m side (ie. sample the receive every few
hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't
try it until yesterday and I couldn't seem to get it to work. I know
there are a few people out there that got it to work, do you think you can
help me? I changed the line to 1 after I loaded in a template, then
downloaded the same file to the radio, but it still doesn't seem to want
to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my
area and so not a problem, but I do wish the keyboard was lighted!!!!
The display lights up OK and is readable, but given when I use it in
emergency drills and such, a lighted keypad is a must in my next HT.
The original poster should consider this as well. Otherwise, I still
consider it a good buy, and agree with the others that the original
poster should wait for the next sale. I'm hoping to get my boy one for
himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
installed. Kenwood says that option is no longer available. does any
one know of a way to build one? The local repeaters are all using 100Hz
tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in
the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>

> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>
>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave transmitter/receiver working at (4.005 MHz). The use is to supply village to village communication in Tanzania Africa. A small pilot project has successfully run for the last 12
years with commercial bought in equipment. The aim is to manufacture pedal generators and short-wave transmitter/receivers locally in Tanzania both to save foreign currency and provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board. The factory board will only let you set it up for three different frequencies, if I remember correctly. If you only need one frequency, I would look at one of the miniature tone boards that Communications Specialists sell. They are available from a lot of the mail order places. They are very simple to hook up. The original factory tone board plugged into a small plug on the 7950. My guess it was a B+, GND and tone into the radio line. Even if it is not, you can call Communications Spealists and they will tell you where to connect their boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
****

End of Ham-Equip Digest V95 #391
****

1539. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWVENUEO20000LQ@SIL.ORG>
Source record: 212837

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 9/1/95 6:30AM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #383

Text item:

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 383

Today's Topics:
Opinion on Periphex batteries

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 30 Aug 1995 12:07:19 -0500
From: horak@convex.com (David Horak)
Subject: Opinion on Periphex batteries

In <421oab$pkg@ixnews5.ix.netcom.com> gamma7@ix.netcom.com (J. Duffy Beischel) writes:

>In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill)
>writes:
>>Prior to that, I used Periphex replacement batteries for my old Toshiba
>>T1000 laptop with great results.
>>
>>Bill Tubbs, WK6A

>I had my one and only Periphex battery that I bought for a Yaesu HT.
>Battery did not last more than 8 months. Nedless to say, it was the
>last Periphex battery that I bought.

>Duffy - WB8NUT

Alas, the guy who bashes all Radio Shack equipment also has bad luck
with Periphex. Well, my Periphex BP8 has worked with my HTX-202 for

a year now and I don't have ANY complaints about the battery OR the radio.

David

End of Ham-Equip Digest V95 #383
****

1540. WANTED : SERVICE MANUAL for Icom IC 4SAT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: rossi@VFL.Paramax.COM
Message-ID: <1995Sep5.172740.27162@VFL.Paramax.COM>
Source record: 212838

I am looking for a service manual, or partial copy of the
service manual for an ICOM IC 4SAT 440 HT.

In particular, I am looking for information on the frequency adjustment
and a schematic of the battery interface circuits.

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)
Valley Forge Engineering Center - Paoli, Pennsylvania

1541. Re: Ever Been a CB repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Al Bolton <Al@boltons.demon.co.uk>
Message-ID: <810326920snz@boltons.demon.co.uk>
Source record: 212839

> In article <charles1DEAxtv.15A@netcom.com>,
> charles1@netcom.com (charles copeland) wrote:
> >Have there ever been CB repeaters? If not, why not?

I believe that there are many CB repeaters in Australia. There is a UHF CB band there and it is (or was) well used. Perhaps one of our VK readers could enlarge on this?

As for 27MHz-no, as far as I know (legally) although I did know someone who had actually built one for 27MHz. It did work but I believe the authorities caught up with him for various infringements of Wireless Telegraphy Acts and it went no further.

Of course there are many 29 MHz FM repeaters about in various countries and these work very well, so it wouldn't be a problem to build one for CB.

But why bother?.....!

_____
Al Bolton.
OK8VSQ/OM/G4VSQ.
Caversham, UK.
G-QRP 8741.

1542. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWWGJFYQ60000LQ@SIL.ORG>
Source record: 212840

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 9/2/95 3:13PM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #395

Text item:

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 395

Today's Topics:
Best HF rig in $1500 range?
Found Radio in Road
Kenwood uses false advertising?
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 30 Aug 1995 16:19:44 GMT
From: VillyM@cus.cul.ca
Subject: Best HF rig in $1500 range?

In <herbrDE1r63.5tp@netcom.com>, herbr@netcom.com (Herb Rosenberg) writes:
>
>Also, on the TS850, is the build in antenna tuner any good? Is it

My experience is that the built in antenna tuner will tune almost anything.
I have a 20 metre dipole up, and the antenna tuner will give me what looks like
1:1 on 80,40 and 15. Doesn't work very well, but the finals see 1:1 <G>.

I also tried it on the new bands, but no go there....

Villy G. Madsen
VE6SQ

Date: 1 Sep 1995 22:11:19 GMT
From: Sean McCarthy <wx8l@vtc.tacom.army.mil>
Subject: Found Radio in Road

I CAN'T BELIEVE IT!

My long lost radio!

Please return to....

Just kidding :-) :-)

Sean

Date: 2 Sep 1995 20:03:24 GMT
From: jdb99@ix.netcom.com (jdb)
Subject: Kenwood uses false advertising?

In <41v7qjbvm1@mhafm.production.compuserve.com> Lord GAD
<73110.250@CompuServe.COM> writes:
>
>
>>>These is no law that requires you to hold an Amateur license for
>>> purchasing an Amateur radio transceiver.
>
>AHA! I think there should be. If you must be lisensed to xmit, why
>not be lisensed to buy? I realize that my own situation would
>change as my fiance bought me my first rig, but hey, compromise is
>key.
>
>In SCUBA, you can buy all the equipment you want, but you cannot
>buy compressed air or an air tank without a "C" card. perhaps we
>need the same enforcement in HAM.
>

Why? Just more government regulation in our life. There
may be no law that says they cannot sell Amateur equipment
to anyone, but there is no law that says you HAVE to sell
anyone Amateur equipment. Likewise there is no law that
prevents the seller from having a policy of NOT selling
to anyone without the proper license.

N4DDS

Date: 2 Sep 95 20:02:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 394

Today's Topics:
Ham Logginf Software
Heath HW8
HF tranciever vs reciever's for audio quality
OUT:BACK ON 9/9/95
w1fb,rtty

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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Date: 30 Aug 1995 02:43:19 GMT
From: td_eecs@ix.netcom.com (Tom Daggett)
Subject: Ham Logginf Software

Does anyone know a GOOD loggin program for ham radio. I know there are
some out there, but I'm having bad luck getting one. I recently bought
a CD-ROM that had no less than 15 logging programs -- none of them
worked! I'm not too anxious to part with green money again until I
know what I'm getting in advance!

Does anyone have one that they are really in love with? If so, why the
love affair!

Thanks,

Tom

Date: 30 Aug 1995 02:32:11 GMT
From: acameron@PROBLEM_WITH_INEWS_DOMAIN_FILE.UCSD.EDU (Allan Cameron)
Subject: Heath HW8

I have a Heath kit HW8 that needs the VFO variable capacitor replaced.
Does anyone know the specs on this capacitor? Heath no longer stocks them.
I can probaly find one some place if I know what to ask for.

Thanks,

Allan Cameron Carl Hayden High School
N7UJJ Computer Science Department
acameron@hayden.edu 3333 W. Roosevelt, Phoenix, 85009

(602) 271-2417

Date: 2 Sep 1995 14:42:23 -0400
From: billh33047@aol.com (BillH33047)
Subject: HF tranciever vs reciever's for audio quality

Iam new to Ham radio having just passed my no-code licence, and have already begun learning the code. What got me interested in Ham was listening to the Major shorwave broadcasts BBC etc. At one time I fashioned buying a top of the line communications reciever DrakeR8, Kenwood 5000 or Japan radio all of which are known for there good audio quality as well as there dx ability. Now that Iam making my way into ham radio Ive noticied that for example some of the kenwood transcievers are priced not to much higher than the top of the line coommmunications recievers. Ill always want to continue listening to the major SW broadcasters. I like the what i think is the more balanced news perspective of the bbc. Currently I have a grundig sat 700 reciever. Are the audio quality most importantly listenability good on the mid priced trancievers in comparison to the high end recievers? Will I miss Synch detection commonly used on communications recievers? Are some trancievers esp known for there audio quality-dynamic range? Thanks, iam betting there is some hams who also listen to the majors and have been thru this dillema. Bill Hansen

---

Date: 2 Sep 95 19:02:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 393

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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Date: 2 Sep 95 18:02:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

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SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 392

Today's Topics:
OUT:BACK ON 9/9/95
Radio Shack 2m HT - Is it a good by for the price?
WANTED: Any info on pirat

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Date: 2 Sep 95 16:55:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

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Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 391

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 15:56:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to

me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

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policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,

>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used
commercial radios such as the Motorola Syntor. Any assistance in this would
be greatly appreciated as I am very new to www, and still working at locating
various newsgroups. You can contact me at smoothwk@innet.com

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)

Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill)
writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and
they
>have work flawlessly for at least 3 and 2 years respectively. The
oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old
Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT.
Battery did not last more than 8 months. Nedless to say, it was the
last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

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Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs

>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed

waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)

Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option
allows me to store long/lat data of my qth and shows the lp and sp and distance
to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says
"less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I
still am using the HYPERLOG software. No, I have no affiliation with Hyperlog
in any way. A friend in JA introduced me to the software after trying

something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:

>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to

show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL

johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the
limited output power - even with an external antenna on a car I have
difficulty getting reliable QSOs thru repeaters. I am looking at buying a
"brick" amplifier to get round this. The other restriction is the audio
output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on
climbing trips and use in hotel rooms when travelling. Sure there is no
autopatch capability, but look at the size and price! The scanning
capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.

>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>***
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>***
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my area and so not a problem, but I do wish the keyboard was lighted!!!! The display lights up OK and is readable, but given when I use it in emergency drills and such, a lighted keypad is a must in my next HT. The original poster should consider this as well. Otherwise, I still consider it a good buy, and agree with the others that the original poster should wait for the next sale. I'm hoping to get my boy one for himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit installed. Kenwood says that option is no longer available. does any one know of a way to build one? The local repeaters are all using 100Hz tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>

>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave
transmitter/receiver working at (4.005 MHz). The use is to supply village to village
communication in Tanzania Africa. A small pilot project has successfully run for the last
12
years with commercial bought in equipment. The aim is to manufacture pedal generators and
short-wave transmitter/receivers locally in Tanzania both to save foreign currency and
provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers
would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board.
The factory board will only let you set it up for three different
frequencies, if I remember correctly. If you only need one frequency,
I would look at one of the miniature tone boards that Communications
Specialists sell. They are available from a lot of the mail order
places. They are very simple to hook up. The original factory tone
board plugged into a small plug on the 7950. My guess it was a B+,
GND and tone into the radio line. Even if it is not, you can call
Communications Spealists and they will tell you where to connect their
boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
****

End of Ham-Equip Digest V95 #391
****

Date: 31 Aug 95 12:53:02 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: Radio Shack 2m HT - Is it a good by for the price?

hdc@netmetro.com (hdc@netmetro.com) wrote:
> I would appreciate your comments on the Radio Shack 2m Handheld
> transceiver.
> I'm a rank beginner with my new tech licence, looking for my
> first rig.

Not to send you off the track of a HTX-202, but I've just heard about the 4th radio in my county going on the blink. Intermittent transmit. All the same problem. The latest one is 3 months old. Whenever used on 12 V. it is on a mobile 5/8 antenna.

True, I don't know how many operators in my county have the HTX-202, exactly. There are approximately 1300 or so amateurs that live in my county. I'm sure they don't all own the HTX-202. ;-)

The ones that do work sound good. The owners like them. Just about every owner that I have talked to has the extended warranty. (And it is apparently pretty good tha they do have it...)

> Is it a good buy for $260? I notice that they bundle in a few
> options in the
> price, that others don't. Is there a better choice in that
> price range?

Considering the problems that I've heard with this HT, >if it were me<, I wouldn't purchase it without the extended warranty. Figure another $40 or whatever it costs onto the price of your HT. Now you're looking at around $300. Is it worth that much? In my opinion, no.

Now if you get it for the sale price of around $190 + $40 warranty, you're looking at $230ish. Yeah, maybe it is worth that to someone. Did I say "Don't buy this radio without the warranty?" Well, if I didn't say it, be sure you don't buy it without the warranty.

Actually, I think Radio Shack ought to adjust the price of their radio
so it includes the price of the 5 year warranty. Of course, others may
not think that way... I'm just going by the track record I've seen from
locals on this radio...

I must add that Radio Shack has been very good to the locals in the
customer service department. They stand behind their product. That is
an important consideration when considering a purchase of most anything.

It is reported that the HTX-202 is very good in a high RF environment. It
tends to not suffer from intermod interference. This might be something
to consider, too.

All in all, I'm pretty neutral on the HTX-202. I probably wouldn't buy
one for myself, but I'm not in the market for a 2M HT, either.

Contratulations on your new license and enjoy--

73,
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~

Date: Wed, 30 Aug 95 19:17:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: WANTED: Any info on pirat

Subject: WANTED: Any info on pirate radio station

>>I'd like to start my own pirate radio station.
>>What equip. do I use, or need.
>>Any info would be very appreciated.
>>Chad Mears

Contact this group in writing:

Federal Communications Commission
Washington, DC 20554

Be sure that your correspondence clearly identifies how the FCC may
reach you for further information, and that the matter you are addressing
is understandable and accurate.

Clint Bradford
... Artificial Intelligence is no match for Natural Stupidity.
---
* TLX v4.00 *
~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

~~~~~~

End of Ham-Equip Digest V95 #392
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End of Ham-Equip Digest V95 #393
****

Date: Wed, 30 Aug 1995 02:32:36 GMT
From: davew@cruzio.com
Subject: w1fb,rtty

Used it for the first time a couple weeks ago in SARTG and it is GREAT! Had
the operation down after working a few qso's. I changed the buffers to match
the contest but that is one of the things the manual says to do before a
contest. I did mine on the fly and it is very easy. The only way to do an rtty
contest.

.

--
Dave Wells KD6TO; INTERNET: davew@cruzio.com
Packet:KD6TO@K6LY.#CENCAL.CA.USA.NOAM; COMPUSERVE:74067,1755
(WA4UQQ Worldwide Amateur Radio Directory III KD6TO)
.

End of Ham-Equip Digest V95 #394
****

End of Ham-Equip Digest V95 #395
****

1543. Re: UK Reciprocal license procedure/am. radio mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: David Hough <dave@llondel.demon.co.uk>
Message-ID: <810310688snx@llondel.demon.co.uk>
Source record: 212841
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,alt.radio.uk,uk.radio.amateur

In article <anb-0509950254470001@dial-berk1-9.iway.aimnet.com>
anb@nextstep.com (Andy Brandt) writes:
>
> In a related vein, I have been told that radios manufactured for sale in
> the US are not equipped to transmit a tone which opens up repeaters
> throughout Europe. I own an Alinco DJ-580T handheld dual-band, and I know
> there is an Alinco DJ-580E which is nearly identical except that it is
> manufactured for use in Europe. Is there a modification I can perform, or
> is there an accessory I can buy to make my handheld repeater-capable when
> I visit the UK?
>
You need to arrage a -600kHz shift on TX for 2M and a +1.6MHz shift TX
on transmit. Next, you need a 1750Hz toneburst or practice your
whistling! (For disbelievers it *is* possible to open most repeaters by
whistling - one VK thought I was winding him up.....)

And don't forget we use 25kHz channel spacing and the band limits are
144-146 and 430-440MHz!

Dave
--
dave@llondel.demon.co.uk My other .sig is a work of art

1544. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWU9ZRMLU000BVF@SIL.ORG>
Source record: 212842
Body handling: 1 inline base64-encoded payload block was not displayed

```
From: ham-equip@ucsd.edu at internet
Date: 8/27/95 10:24PM
To: Norm Beasley at PNG
*To: Ham-Equip@ucsd.edu at internet
Subject: Ham-Equip Digest V95 #370

File item:

[Inline base64-encoded payload not displayed]
0A
```

1545. 1941 Collins Xmtr FS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: SMITHFRED@news.delphi.com
Message-ID: <42ij6k$sai@news2.delphi.com>
Source record: 212843

1941 Collins Naval TCS-12 transmitter, with 12VDC power supply (dynamotor), has all cables, antenna tuner, and original Manual. Excellent condition asking $100.

Please call (609)275-1074 or e-mail (smithfred@delphi.com)

1546. Re: Ever Been a CB repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1995Sep5.123227.102788@kuhub.cc.ukans.edu>
Source record: 212844

charles1@netcom.com (charles copeland) wrote:
>
> Have there ever been CB repeaters? If not, why not?
>
Yes there were CB repeaters. I used to sell them. They were
licensed as Class A and operated in the UHF band.

I'm not up on the current regulations for this but understand that
some REACT groups are using something similar on GMRS.

You will probably have some lengthy license applications to complete
if this is still allowed.

Hope this helps,

73's de N0USP, Dick

1547. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: danb@a.crl.com
Message-ID: <42ii1e$pnp@nntp.crl.com>
Source record: 212845

jjmartin@world.std.com (Jim Martin) wrote:

>amateur equipment to non-licensed individuals? Just because someone "owns"
>merchandise doesn't give the absolute right to refuse to sell it to anyone...
>That would open the door to a discrimination lawsuit, don't ya think?

You may be correct in this, but it shouldn't be this way. I don't
think ham stores should refuse to sell to non-licensed people, but I
also don't think they should be forced to do so against their wishes.
A basic rule of contract law (which includes sales) is that both
parties enter the transaction willingly, so if the seller doesn't want
to sell to the prospective buyer, no sale.
--
Dan Brown, KE6MKS
danb@a.crl.com, NOT danb@crl.com
Don't tread on me.

1548. Looking For PK 88 or PK232

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: "Max H. Sicher" <msicher@biggulp.callamer.com>
Message-ID: <Pine.OSF.3.91.950905171128.11906A-100000@biggulp.callamer.com>
Source record: 212846

Looking for a used AEA PK88 TNC. Please reply to:
"msicher@slonet.org". If the price is low enough an older PK232 would be ok.

tnx es 73, Max WD6Z

1549. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWWFO8BC60000LQ@SIL.ORG>
Source record: 212847

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 9/2/95 6:30AM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #388

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>

>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

1550. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWURL5MIS000BVF@SIL.ORG>
Source record: 212848

---------- Returned ----------
From: ham-equip@ucsd.edu at internet
Date: 8/30/95 9:03PM
To: Norm Beasley at PNG
*To: Ham-Equip@ucsd.edu at internet
Subject: Ham-Equip Digest V95 #380

Text item:

Ham-Equip Digest Wed, 30 Aug 95 Volume 95 : Issue 380

Today's Topics:
2m/70cm mobile: Kenwood TM-733A - Opinions?
Batt voltage on FT-51R
Best HF rig in $1500 range? (2 msgs)
Copper Electronics phone no?
Cushcraft R-7
Do the manufacturers give a damn?
HT too HOT to handle?
IC-706 Any Feedback?
ICOM On-Line??
KENWOOD RELIABILITY
Kenwood TM 255E
Kenwood uses false advertising?
Motorola Micro TAC Elite Cellular Phone - For Sale!!!
Motorola Micro TAC Elite Cellular Phone - Not For Sale!!!
New Hams & Rigs
Opinion on Periphex batteries
Test--Do not read!
Timewave vs. JPS DSP Noise reducers
Wanted: A good s/h radio shop in the UK
Wanted: Pye Pocket Phone 70 or aerials for same

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text
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policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 06:30:44 GMT
From: demetre@helios.intranet.gr (Demetre Koymanakos)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

Simon Twigger (simont@post.its.mcw.edu) wrote:
: Hi there,

: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
: was wondering what experiences people have had with this radio. I am
: basically looking to buy a 2m/70cm mobile rig with a removable front
: so I can mount the main body of the rig in the trunk of the car and
: have the display up front. I dont think I can install a mobile rig
: in my car (honda Civic 4dr) any other way.
: If anyone has any opinions on this or any other radio that fits
: the bill, I would be interested to hear them.

The 733 is a fine radio, easy to use, never gets hot, and very stable !!
The only minus is the small number of memories available and the somewhat
strange place the packet modem jack is found (front panel)...
In my opinion the 733 is a good choice for a mobile dual bander...

73's

Date: Wed, 30 Aug 1995 14:18:02 GMT
From: byron_hellewell@out.trw.com (Byron)
Subject: Batt voltage on FT-51R

>
> Batt voltage on FT-51R
>
> tigger@jcomm.uoregon.edu (Max Sabo)
> 28 Aug 1995 07:20:54 GMT
> Teleport - Portland's Public Access (503) 220-1016
>
> Newsgroups:
> rec.radio.amateur.equipment
>
> In the manual it says to display the battery voltage while you
transmit (I
> am assuming that this means it will display it out in the VFO or the
> memory channels) you need to press the sub-op button before doing the
> procedure to view the battery voltage (the f-key then 0, dial until
you
> get option 25-batt vol) then press 0 instead of PTT. I have done this
> many times and it seems just to go back out to the memory channel or
VFO,
> which ever I was in last. Has anyone who owns a Yaesu FT-51R gotten
this
> to work?
> Thanks
> Max

> N7NWG

To use the feature you must be in dual band mode (both VHF and UHF
active). Then it works for me.

BTW has anyone had trouble with the rubber knob coming off its insert?
Mine just rubbed off. I hope its not like the 530 knob.

73 de WB7ACJ
Byron

Date: Wed, 30 Aug 1995 13:13:03 GMT
From: bgn00@juts.ccc.amdahl.com (Bill.Nadzam)
Subject: Best HF rig in $1500 range?

In article <herbrDE1r63.5tp@netcom.com>,
herbr@netcom.com (Herb Rosenberg) wrote:
>I am interested in purchasing a new HF transceiver in the $1500 price
>range. I am looking very closely at the Kenwood TS850. I would
>appreciate hearing any comments our opinions on this radio and / or
>comparison to any other HF radios in the same price range.

I have owned many rigs in the last 5 years. I just love playing with the
new knobs I guess. Which rig's well lets see: TS-830S, TS-850S/AT,
TS-940S/AT (QTY 2), FT-1000D, FT-900/AT, FT-890/AT, IC-725, IC-735, and
several Hand Helds and mobile VHF/UHF rigs.

The best NEW rig that can be had for $1500, IMHO is the FT-900/AT, but
if you do not mind buying used, buy the FT-890/AT. That rig is great!
Small box, great receiver and noise blanker. All the features of the
TS-850/AT except for the memories. That I would say is the only negative
aspect of the FT-890. The FT-900 is a great radio also, but I really
feel that the 890 is a better rig over all, and if you don't plan on
using it as a PERMANENT mobile rig, than the 890 WINS!

Now the Kenwood TS-850 is a fin radio and don't get me wrong on this, I
do not mean to cut it short, but the FT-900 and 890 will out perform the
Kenwood on a side by side test. I have done it and I am convinced.

What is one of my all time favoite's, The Kenwood TS-940S/AT with a few
mod's applied. Like the Geihl firmware update, and the IRCI 2.1Khz SSB
filters. That rig is great once you fix up the cooling fans in it. They
tend to break down and get noisy after about one year of operation. Best
fix I have heard of is to replace them with PC type 12 Volt muffin's.
Although I have not personally done this, it sounds like a good Idea.

I am using the FT-1000D at the home station now, and it is really the
greatest radio I have ever owned, but good God it is expensive.

73 and I hope this helps.

Name: Bill.Nadzam
E-mail: bgn00@juts.ccc.amdahl.com (Bill.Nadzam)

Date: Wed, 30 Aug 1995 03:32:38 GMT
From: lwerner@cts.com (Larry Werner)
Subject: Best HF rig in $1500 range?

herbr@netcom.com (Herb Rosenberg) wrote:

>I am interested in purchasing a new HF transceiver in the $1500 price
>range. I am looking very closely at the Kenwood TS850. I would
>appreciate hearing any comments our opinions on this radio and / or
>comparison to any other HF radios in the same price range.

>Also, on the TS850, is the build in antenna tuner any good? Is it
>broadbanded to tune up a G5RV, for example? What about the other assories
>like the station monitor, filters, etc? Any comments?

>Thanks and very 73's.

>Herb - KG6OK

>--
>herbr@netcom.com

For the money, you can't go wrong with the 850.

Date: Wed, 30 Aug 1995 16:11:16 -0500
From: fmdavis@bnr.ca (Fred Davis VA3FD)
Subject: Copper Electronics phone no?

Can someone please post the phone number for Copper Electronics?

Thanks in advance!

~~~~~~
Fred M. Davis VA3FD | These opinions mine
Nepean, ON. | fmdavis@bnr.ca
(Ottawa suburb) | fred.davis@nt.com
~~~~~~

Date: Wed, 30 Aug 1995 03:30:50 GMT
From: lwerner@cts.com (Larry Werner)
Subject: Cushcraft R-7

Brian Westfall <bdwest@intele.net> wrote:

>I am considering purchasing the R-7 vertical. I don't know anyone around here who
>has one. Any opinions would be appreciated.

>Brian Westfall
>KA0KEV

Brian,

I've had personal experience with an R-5 and an R-7 at my previous residence, and a Mosley TA-33 jr. (4-element 5-band) yagi and then a KLM KT-34 (4 element triband) beam, with inverted Vees for 40 and 80 meters at my current location. Of course the beams outperformed the R-5 and R-7 on 10-20 meters as you would expect, but the R-7 is better overall on 40 meters than my inverted Vee setup. Another advantage about the R-5/R-7 is that you don't need to get them very high off the ground to perform well. 10 ft. off the ground and free of any close obstacles is fine.

The only drawback I can see about the R-7 as compared to the R-5 is that it is not as broad-banded on 20 meters. (The R-5 is almost flat throughout 20 meters).

I think you pretty much can't go wrong with either the R-5 or the R-7. They're both It's a good overall antennas, and the R-7 is especially on 40 meters.

Feel free to contact me via e-mail if you wish to discuss it any further.

Larry Werner
KM6XV

lwerner@mediashare.com

Date: 30 Aug 1995 13:13:25 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Do the manufacturers give a damn?

In <41skr7$hg@newsbf02.news.aol.com> billo88@aol.com (BILLO88) writes:
>
> The only dealing I had with Yaesu was good....I picked up a Yaesu
>boatanchor, FT560DX, it needed a big trimmer cap for the load or
>something. I called with the part number and was told that the part
was
>so old it was not in the computer. Two days later that very part came
in
>the mail....NO CHARGE. This happened several years ago but I do
remember
>when a big company does something like that. bill
>billo88@aol.com

You better believe that Ten-Tec cares. Best service in the amateur community!

Regards,

Duffy - WB8NUT

Date: 30 Aug 1995 08:47:31 GMT
From: gkd@wpi.WPI.EDU (Gregory K Doerschler)
Subject: HT too HOT to handle?

This article summarizes some observations I made concerning the heat generated by my Alinco DJ-580 dual band HT when powering if from an external 13.8 VDC supply. These may be of interest to those who find their HTs getting excessively hot when running them from external supplies. I don't know the extent to which my findings are applicable to other brands and models.

The Alinco DJ-580 has a power jack on the side of the radio designed to accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when using the HT at a fixed location, but found that the radio quickly gets too hot to handle when doing any serious transmitting. The conventional wisdom is that this occurs because the radio is putting out 5 watts when being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the standard 7.2 volt battery pack. However, even when transmitting at the medium power setting (which is 1.2 watts regardless of supply voltage), the radio was getting objectionably hot when using the 13.8 VDC supply; but not when running it off the 7.2 VDC battery pack. Analyzing supply voltage, power output, and DC current drain measurements revealed the following (for 2 meters):

- Low power transmit was 0.25 watts, regardless of supply voltage.

- Medium power transmit was 1.2 watts, regardless of supply voltage.

- High power transmit was dependent upon supply voltage. It showed a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4 volts. Increasing the supply voltage beyond about 10.4 volts did not result in any further increase in RF output.

- DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT OF SUPPLY VOLTAGE. On low power transmit, the current drain was 0.5 A regardless of supply voltage. On medium power transmit, the current drain was 0.8 A regardless of supply voltage. On high power transmit, the current drain increased from 1.1 A @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output). BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.

The implications of this final observation should be obvious. At 10.4 VDC, the radio is consuming 16.6 watts of input power to produce 5 watts RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to produce the same 5 watts RF output. This means that an extra 5.5 watts of power is being used when the supply voltage is increased from 10.4 VDC to 13.8 VDC. Since RF output power remains constant, that extra power is being dissipated primarily as heat.

Consider the medium RF power setting (1.2 W output @ 1.1 A DC current drain, regardless of input voltage). At 7.2 VDC supply voltage, the radio is using 7.9 watts input power. At 13.8 VDC, it is using 15.2 watts input power. That's an extra 7.3 watts of power being dissipated primarily as heat when using the 13.8 VDC supply. No wonder the radio gets hotter!

Measurements with UHF transmit paralleled the VHF findings, although current drains were a tad higher and maximum RF power output was reached at about 11 VDC supply voltage, rather than 10.4 VDC.

These finding suggest that if the DJ-580 were powered by an external source of 10.4 - 11 VDC rather than 13.8 VDC, less heat would be generated without any tradeoff in RF output. My tests confirmed this. The radio still got warm with heavy use when powered by 10.4 VDC, but only became objectionably hot after a slew of long winded transmissions at 5 watts RF output (with a transmit duty cycle well in excess of 50%). Further heat reduction would be expected if the external supply voltage were dropped even more; but there would be a tradeoff in high power RF output.

I'd be interested in finding out whether other HTs have voltage/current/RF-output relationships similar to the DJ-580. If so, hams having trouble with excessively hot HTs when powered from external DC supplies might be able to alleviate the problem by determining the voltage at which high RF power output begins to drop off, and using that voltage level to supply the radio (rather than the full 13.8 volts). I installed 4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and dirty method of reducing the voltage supplied to the radio. Each rectifier diode should have a voltage drop somewhere between 0.6 and 0.9 volts, depending on the device and current drain. If you do this, I'd suggest using diodes with a rating of at least 3 amps. If you need to buy some, go with the 6 amp variety. They will get VERY hot in actual use, and you'll have an extra degree of robustness with these. Just make sure you put them in a place where the heat won't cause problems.

Greg
N1DEM

Date: 29 Aug 1995 12:02:47 GMT
From: Thomas.Randall@bbs.mhv.net (Thomas Randall)
Subject: IC-706 Any Feedback?

Ed Engel (eengel@eskimo.com) wrote:
: dhinch@cello.gina.calstate.edu (David L. Hinch) wrote:

: >I just saw the ad in the new QST for the IC-706. Has anyone seen one and
: >had any experience with it? Looks pretty interesting. Any info on
: >the pricing? Thanks in advance.

: >73 Dave KE6MYC
: >--
: Got this off CIS tonight. It was posted by someone from Icom support:

: **** ICOM America, Inc has annonced to dealers on August 25, 1995
: ****

: We expect to start shipping the IC-706 to the dealers on
: September 27 - 29, 1995.

: The following is a listing of retail pricing for the IC-706 and some
: accessories.

: IC-706 Transceiver $ 1560.00
: CR-502 High Stablity Crystal $ 76.00
: MB-62 Mounting Bracket Main Unit $ 20.00
: MB-63 Mounting Bracket Ctrl Panel $ 14.00
: OPC-581 3.5 M Seperation cable $ 48.00
: OPC-589 8 pin to RJ-45 adaptor $ 28.00
: OPC-598 7M AT-180 Extension cable $ 58.00
: OPC-599 7 & 8 pin to 13 pin cable $ 48.00
: UT-102 Voice Synthesizer $ 59.00

: This is all I have pricing for at this time. I will update this list
: as
: I receive the information.

: 73' Gary Fiber KF7XV
: Icom America, Inc.

: Ed Engel N7UQZ
: eengel@eskimo.com

Thank you Ed! Look foward to hearing more.

Tom - KB2SMS

Date: 30 Aug 1995 07:17:03 GMT
From: "James A. Storm" <jastorm@ix.netcom.com>
Subject: ICOM On-Line??

Icom can be contacted at: 75540.525@compuserve.com

73, WB6LWS Jim in Pacifica, CA

Date: 29 Aug 1995 18:04:58 -0400
From: ptracy@aol.com (PTracy)
Subject: KENWOOD RELIABILITY

In article <41oc2c$c12@iii2.iii.net>, sefranek@iii2.iii.net (Thomas C
Sefranek) writes:

>Well Ed,
> Out of 5 rigs (TS-440's) we bought, all five failed with the VCO
>glue. I fixed my own, the rest sent them in for repair. One has been
>repaired in other ways,

Man, does that sound familiar. Besides myself, I know 3 other guys who bought kenwood ts440s's (late models), and EVERY friggen one of crapped out the same way. I fixed mine once, and then had kenwood fix it. Sam damn thing. One would think that all radio manufactures would know how to make a pll by now. Guess not.

>
>On the other hand, NOTHING I've ever owned didn't at one time or another
>need fixin. Ask me about the ICOM W2A...

True enough. I just wish my jap radio equipment was HALF as reliable as my wife's Kenmore washing machine. After the adventures with my '440, I have decided to make that my first, and last Kenwood. The next biggest piece of crap I own is an Icom 04/at. Yet even more PLL problems. I can promise this, the next hf radio I buy will in all likelyhood be a TEN-TEC.

BTW, Our little group of ham guys gets together almost every Saturday night, and we have a long-standing joke that refers to the one of the guys "DEAD RADIO COUCH" down in his basement /radio room. Pretty funny stuff. That sucker was loaded about 2.5' high last year with a wide variety of broken Kenwoods and Icoms. Ahhh, guess you had to be there.

Pat, KE1C

Date: 30 Aug 1995 11:28:44 GMT
From: ftronel@ens-lyon.fr (Frederic Tronel)
Subject: Kenwood TM 255E

Hello,

I've got an all mode 2 meters transceiver Kenwood TM 255E.
It has a very efficient reception.
But sometimes the output power decreases suddenly (to only the half nominal power), where as the VSWR of the antenna does not exceed 1.2 (it happens even on a dummy load !!) and moreover the linear amplifier is not really hot. So I suppose that there's a problem with the thermal protection or the SWR protection but i'm not sure.
If someone else has the same problem and may be has found the solution :

e-mail ftronel@ens-lyon.fr

Frederic
F1SDZ

PS: Excuse me for my bad english

Date: 29 Aug 1995 14:22:11 GMT
From: Lord GAD <73110.250@CompuServe.COM>
Subject: Kenwood uses false advertising?

>>These is no law that requires you to hold an Amateur license for
>> purchasing an Amateur radio transceiver.

AHA! I think there should be. If you must be lisensed to xmit, why not be lisensed to buy? I realize that my own situation would change as my fiance bought me my first rig, but hey, compromise is key.

In SCUBA, you can buy all the equipment you want, but you cannot buy compressed air or an air tank without a "C" card. perhaps we need the same enforcement in HAM.

--

His eminence, Lord GAD

Date: 30 Aug 1995 03:08:19 GMT
From: Mark Latham <markl@frontier.net>
Subject: Motorola Micro TAC Elite Cellular Phone - For Sale!!!

Motorola's newest top of the line cellular phone
Micro TAC Elite
for info, contact Sean Murray @ (970)749)2214

Date: 30 Aug 1995 03:14:48 GMT
From: Mark Latham <markl@frontier.net>
Subject: Motorola Micro TAC Elite Cellular Phone - Not For Sale!!!

sorry....I posted this to the wrong newsgroup. Many apologies..markl

---

Date: 29 Aug 1995 18:06:27 -0400
From: toadman389@aol.com (Toadman389)
Subject: New Hams & Rigs

My father (KA3AEN) and I (N3VZM) just recently passed our TEch Plus & Tech no-code licences recently and are soon attending a hamfest north of Pittsburgh. We think we would like to have a pair of 2m handhelds, as well as a rig at home that we can expand with (I'm planning on upgrading as soon as I learn code). Please lend us some experience so we know what to look for in both. Thanks a million.

73,
Todd Ellis

Date: 30 Aug 1995 21:09:54 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Opinion on Periphex batteries

In <4225s7$r5q@eugene.convex.com> horak@convex.com (David Horak) writes:
>

>In <421oab$pkg@ixnews5.ix.netcom.com> gamma7@ix.netcom.com (J. Duffy
Beischel) writes:
>
>>In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill)
>>writes:
>>>Prior to that, I used Periphex replacement batteries for my old
Toshiba
>>>T1000 laptop with great results.
>>>
>>>Bill Tubbs, WK6A
>
>>I had my one and only Periphex battery that I bought for a Yaesu HT.
>>Battery did not last more than 8 months. Nedless to say, it was the
>>last Periphex battery that I bought.
>
>>Duffy - WB8NUT
>
>Alas, the guy who bashes all Radio Shack equipment also has bad luck
>with Periphex. Well, my Periphex BP8 has worked with my HTX-202 for
>a year now and I don't have ANY complaints about the battery OR the
>radio.
>
>David

Gosh David, what a personal attack. Hey I don't bash all the RS stuff,
just the junk. Their resistors are great. Never yet had one fail.

On a serious note, since you think I am so negative on everybody, the
ham manufacturers that I think are great and produce quality products:
Ten-Tec, Index Labs, Yaesu, Icom, Astron, and Timewave. O.K. but not
great are Kenwood and MFJ. All my opnions and related to experience.

I won't comment on the RS stuff. They are off the chart in a negative
direction.

Regards,

Duffy

Date: Wed, 30 Aug 1995 20:45:28 GMT
From: slob@physics.att.com (Stuart L. Blank)
Subject: Test--Do not read!

This is a test, please do not respond.

Date: 27 Aug 1995 17:50:25 GMT
From: russ@gslink.net (Russ Leblanc)
Subject: Timewave vs. JPS DSP Noise reducers

Has there ever been a comparison between the Timewave's 59 and the NIR10
DSP units? The 59 looks to have more controls.

Date: Sun, 27 Aug 1995 10:45:51 -0700 (PDT)
From: jmaples@popmail.dircon.co.uk (Julian Maples)
Subject: Wanted: A good s/h radio shop in the UK

Date: Sun, 27 Aug 1995 10:45:49 -0700 (PDT)
From: jmaples@popmail.dircon.co.uk (Julian Maples)
Subject: Wanted: Pye Pocket Phone 70 or aerials for same

Can anyone suggest a good shop or magazine n the UK where this old
radio might be found?

End of Ham-Equip Digest V95 #380
****

1551. FS: (Almost) Alpha 77SX

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Charlie <chasks1c@tiac.net>
Message-ID: <42ifcr$83e@sundog.tiac.net>
Source record: 212849

I have a chance to acquire an Alpha 77SX (two tube model!). This linear is still in a sealed box, having been returned from a complete overhaul by Alpha. I'm told that it is in excellent condition, and that it was seen putting out 6 KW in to a Bird dummy load (I didn't see it myself, though...)

Any interest/offers out there?

73, de Charlie, KS1C
Home 617-545-7263
Work 617-732-8011

1552. Problems with Standard C558A Dual B

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: woody1@teleport.com
Message-ID: <42ipnq$5bj@maureen.teleport.com>
Source record: 212850

Anyone experience problems with the
Standard C558A dual band HT?

I think mine may be going on the fritz.
The UHF side will picket fence on freq. that are
not even in use when you Tx on the VHF side. At the
same time your Tx'ing on the VHF side the green/red LED on top
of the radio turns orange (thought to indicate low battery) and
causes unsquelched "white" noise to come over the speaker.

Mine doesn't do it continuously only once in a great while.
Wanted to know if anyone else out there is having the same
or simialar problems.

Thanks.

1553. Test Post Only

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: ve7job@linux.ve7job.ampr.org
Message-ID: <DEG4Jy.5Gq@linux.ve7job.ampr.org>
Source record: 212851

```
Just a test post from linux.ve7job Sept 5/95 11:54 AM.
```

1554. Re: battery cover plate f

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.4709.7583.0NFBB056@woodybbs.com>
Source record: 212852

Subject: Re: battery cover plate for HTX-202

>>Where did you get the idea that you are supposed to take off the
>>battery pack when operating from external power? There is no technical
>>reason to do so...
>>Paul Opitz Radio Shack Publications

YOUR Project Manager for the HTX-202 advised us to do this. I have not
read a retraction of this 3 or 4-year old suggestion.

• wcECHO 4.1 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

1555. I need a hand held!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.4710.7583.0NFBB057@woodybbs.com>
Source record: 212853

Subject: I need a hand held!

>>I am a new commer and I want to buy a hand held as my first radio.

Got your license?

The best thing you can do is join your local Amateur Radio club. There
you will learn what is happening in your area.

Take "everyone's" advice and buy "such-and-such" units --- and you may
wind up with something totally unuseable for your area and situation.

By joining your local club, you will also be "subjected" to a lot of
personal assistance and recommendations - FAR more valuable than what we
can tell you here!

• wcECHO 4.1 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

1556. 2metre multimode for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: turnerc@camail.ca.nmp.nokia.com
Message-ID: <42huag$idr@camail.ca.nmp.nokia.com>
Source record: 212854

[No readable article body recovered]

1557. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: rtrommer@vnet.ibm.com
Message-ID: <DEFtCE.1oq5@austin.ibm.com>
Source record: 212855

In <810278901.8655@pinetree.microserve.com>, jackl@pinetree.microserve.com (WB3U) writes:
> jjmartin@world.std.com (Jim Martin) wrote:
>
>>If there is NO law stating that a person must be licensed in order to
>>purchase a transmitter...then there are no legal grounds for refusing
>>to sell.
>
>Sure there are. The property belongs to him and the fact it's present
>in his storefront doesn't give anyone the right to take it without his
>permission, whether they pay him for it or not. As the owner of the
>property, he has every right to determine the exact conditions under
>which he's willing to part with it, whether it's price, terms, use or
>anything else. What moral grounds whould you propose in forcing him
>to do otherwise?
>
>>(I'm not an attorney....just using common sense...and I sell amateur
>>equipment to unlicensed individuals all the time.)
>
>That's too bad. Most of the dealers I've known had higher standards.
>
>73,
>
>Jack WB3U

Does this also mean that a run-of-the-mill IC-735 should only be owned
by EXTRA class operators.... as everyone else could talk out of band!

1558. Re: Idiot

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: "Jeff Fischer"@thefishnet.com
Message-ID: <8B08475.007400013F.uuout@thefishnet.com>
Source record: 212856

Buddy, you are a idiot. Don't you think the people can read the messages the first time. YOU DON'T NEED TO KEEP sending dups of everything. I am about to the point of dropping this group from your foolishness.

1559. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWWFLG42Q0000LQ@SIL.ORG>
Source record: 212891

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 9/1/95 10:13PM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #385

Text item:

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)
Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically

tally's DXCC and WAS by band, by mode. Has default settings for power-up (I enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option allows me to store long/lat data of my qth and shows the lp and sp and distance to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says "less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I still am using the HYPERLOG software. No, I have no affiliation with Hyperlog in any way. A friend in JA introduced me to the software after trying something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:
>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,

> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,

>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL
johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode Data Controller. I will cover cost of original or photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono band transceiver from Ten Tec? Please let me ask you a couple of questions.

1.What sort of circuit is in a band module? The band module is the one you have to pull out and push another one into the transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the limited output power - even with an external antenna on a car I have difficulty getting reliable QSOs thru repeaters. I am looking at buying a "brick" amplifier to get round this. The other restriction is the audio output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on climbing trips and use in hotel rooms when travelling. Sure there is no autopatch capability, but look at the size and price! The scanning capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.
>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>**
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>**
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

End of Ham-Equip Digest V95 #385

****

1560. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWWFRE6HE0000LQ@SIL.ORG>
Source record: 212892

---------- Returned ----------
From: ham-equip@UCSD.EDU at internet
Date: 9/2/95 9:54AM
To: Norm Beasley at PNG
*To: Ham-Equip@UCSD.EDU at internet
Subject: Ham-Equip Digest V95 #390

Text item:

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,

>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used
commercial radios such as the Motorola Syntor. Any assistance in this would
be greatly appreciated as I am very new to www, and still working at locating
various newsgroups. You can contact me at smoothwk@innet.com

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)

Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill)
writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and
they
>have work flawlessly for at least 3 and 2 years respectively. The
oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old
Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT.
Battery did not last more than 8 months. Nedless to say, it was the
last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

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policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

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policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs

>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed

waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)

Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option
allows me to store long/lat data of my qth and shows the lp and sp and distance
to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says
"less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I
still am using the HYPERLOG software. No, I have no affiliation with Hyperlog
in any way. A friend in JA introduced me to the software after trying

something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

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Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:

>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to

show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL

johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the
limited output power - even with an external antenna on a car I have
difficulty getting reliable QSOs thru repeaters. I am looking at buying a
"brick" amplifier to get round this. The other restriction is the audio
output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on
climbing trips and use in hotel rooms when travelling. Sure there is no
autopatch capability, but look at the size and price! The scanning
capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.

>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>***
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>***
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
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Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

End of Ham-Equip Digest V95 #385
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Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my area and so not a problem, but I do wish the keyboard was lighted!!!! The display lights up OK and is readable, but given when I use it in emergency drills and such, a lighted keypad is a must in my next HT. The original poster should consider this as well. Otherwise, I still consider it a good buy, and agree with the others that the original poster should wait for the next sale. I'm hoping to get my boy one for himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit installed. Kenwood says that option is no longer available. does any one know of a way to build one? The local repeaters are all using 100Hz tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>

>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
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End of Ham-Equip Digest V95 #387
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End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave
transmitter/receiver working at (4.005 MHz). The use is to supply village to village
communication in Tanzania Africa. A small pilot project has successfully run for the last
12
years with commercial bought in equipment. The aim is to manufacture pedal generators and
short-wave transmitter/receivers locally in Tanzania both to save foreign currency and
provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers
would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board.
The factory board will only let you set it up for three different
frequencies, if I remember correctly. If you only need one frequency,
I would look at one of the miniature tone boards that Communications
Specialists sell. They are available from a lot of the mail order
places. They are very simple to hook up. The original factory tone
board plugged into a small plug on the 7950. My guess it was a B+,
GND and tone into the radio line. Even if it is not, you can call
Communications Spealists and they will tell you where to connect their
boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
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1561. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWURR6N0W000BVF@SIL.ORG>
Source record: 212893

---------- Returned ----------
From: ham-equip@ucsd.edu at internet
Date: 8/31/95 6:30AM
To: Norm Beasley at PNG
*To: Ham-Equip@ucsd.edu at internet
Subject: Ham-Equip Digest V95 #381

Text item:

Ham-Equip Digest Thu, 31 Aug 95 Volume 95 : Issue 381

Today's Topics:
designs for homebrew mic-pre-amp
Ham Store Total Stock Sellout
Motrac UHF good for anything?
Sale: TH 28 RF Power Module
Trade VHF MT-1000 for FT-530/51-R

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 18:49:18 GMT
From: you@somehost.somedomain (x)
Subject: designs for homebrew mic-pre-amp

Any one know a souce for designs of audio pre amps . I want to try my hand a building some
mic preamps
for recording applications. Old manuals or sourches of schematics would be
perfect.
Thanks
Ed Guinn
kb5ruf
majec@bga.com

Date: Wed, 30 Aug 1995 17:56:20 GMT
From: slay@netcom.com (Sandy Lynch)
Subject: Ham Store Total Stock Sellout

Bob Gheri (ussn@pacifier.com) wrote:

: HAM STORE TOTAL STOCK SELLOUT
: For a listing of the stock send a large SASE (WITH STAMP) to :

: Ham Radio Heaven
: 234 SE Grand Ave.
: Portland, OR 97214

Me thinks this outfit is also known as Portland Radio ..... IF it is ...
I don't think they really have much "ham gear" left there ....they DO
have lots of ham publications, electronic components, etc.... BUT last
time I was in there (a couple of weeks ago) I don't really recall seeing
any newer ham gear ... 'cept maybe a few HTs. I've never seen/heard
the name "Ham Radio Heaven" though ..... perhaps I'm mistaken (but
not likely). Anyway, I don't mean to discourage anyone from sending
in an SASE .... just putting in my 2 cents.

73
Sandy WA6BXH
Portland, OR

Date: 30 AUG 95 00:24:44 GMT
From: cvm@nauvax.ucc.nau.edu (Chris Michels)
Subject: Motrac UHF good for anything?

I have a Motorola UHF Motrac radio model number U64LHT-1090A with control
head. It is currently on a public service frequency. Is this radio good for
anything? I have seen instructions for converting a Micor into a repeater.
Could the Motrac be converted into a repeater?

Date: Wed, 30 Aug 1995 19:32:55 GMT
From: byron_hellewell@out.trw.com (Byron)
Subject: Sale: TH 28 RF Power Module

FOR SALE:

NEW, UNUSED RF power module and driver transistor
for Kenwood TH 28A. The module is a Toshiba S-AV22A shown
on the TH 28 schematic as IC 202. The driver transistor
is labeled as R28 and is shown on the schematic as Q206.
They are still in the protective packaging.

I purchased them from Kenwood prior to finding a broken
trace on the circuit board. They cost me $70.

Will sell for $35 shipped.

email to byron_hellewell@out.trw.com

Date: 30 Aug 1995 08:21:19 GMT
From: mikek@deltanet.com (Mike)
Subject: Trade VHF MT-1000 for FT-530/51-R

I have a Motorola MT-1000 16ch 5W HT with speaker mic belt clip and 2 batteries and the scanning option included to trade for either a Yaesu FT-530 or FT-51-r. The MT-1000 is in good condition and I will include software if needed. Please reply via e-mail (mikek@deltanet.com) thanks and 73

End of Ham-Equip Digest V95 #381
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1562. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWWGETBI20000LQ@SIL.ORG>
Source record: 212894

---------- Returned ----------
From: ham-equip@ucsd.edu at internet
Date: 9/2/95 3:14PM
To: Norm Beasley at PNG
*To: Ham-Equip@ucsd.edu at internet
Subject: Ham-Equip Digest V95 #397

Text item:

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 397

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 20:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 391

Today's Topics:
OUT:BACK ON 9/9/95

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 15:56:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

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Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
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policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
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Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

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SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

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SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,

>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used
junk at is somewhat higher than the average new retail price for the very same
items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book
stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be
(704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used
commercial radios such as the Motorola Syntor. Any assistance in this would
be greatly appreciated as I am very new to www, and still working at locating
various newsgroups. You can contact me at smoothwk@innet.com

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)

Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill)
writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and
they
>have work flawlessly for at least 3 and 2 years respectively. The
oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old
Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT.
Battery did not last more than 8 months. Nedless to say, it was the
last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

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Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

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SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

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policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs

>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed

waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)

Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option
allows me to store long/lat data of my qth and shows the lp and sp and distance
to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says
"less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I
still am using the HYPERLOG software. No, I have no affiliation with Hyperlog
in any way. A friend in JA introduced me to the software after trying

something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:

>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to

show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL

johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the
limited output power - even with an external antenna on a car I have
difficulty getting reliable QSOs thru repeaters. I am looking at buying a
"brick" amplifier to get round this. The other restriction is the audio
output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on
climbing trips and use in hotel rooms when travelling. Sure there is no
autopatch capability, but look at the size and price! The scanning
capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.

>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>***
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>***
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my area and so not a problem, but I do wish the keyboard was lighted!!!! The display lights up OK and is readable, but given when I use it in emergency drills and such, a lighted keypad is a must in my next HT. The original poster should consider this as well. Otherwise, I still consider it a good buy, and agree with the others that the original poster should wait for the next sale. I'm hoping to get my boy one for himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit installed. Kenwood says that option is no longer available. does any one know of a way to build one? The local repeaters are all using 100Hz tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>

>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave
transmitter/receiver working at (4.005 MHz). The use is to supply village to village
communication in Tanzania Africa. A small pilot project has successfully run for the last
12
years with commercial bought in equipment. The aim is to manufacture pedal generators and
short-wave transmitter/receivers locally in Tanzania both to save foreign currency and
provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers
would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board.
The factory board will only let you set it up for three different
frequencies, if I remember correctly. If you only need one frequency,
I would look at one of the miniature tone boards that Communications
Specialists sell. They are available from a lot of the mail order
places. They are very simple to hook up. The original factory tone
board plugged into a small plug on the 7950. My guess it was a B+,
GND and tone into the radio line. Even if it is not, you can call
Communications Spealists and they will tell you where to connect their
boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
****

End of Ham-Equip Digest V95 #391
****

End of Ham-Equip Digest V95 #397
****

1563. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWWFZGC3E0000LQ@SIL.ORG>
Source record: 212895

---------- Returned ----------
From: ham-equip@ucsd.edu at internet
Date: 9/2/95 12:00PM
To: Norm Beasley at PNG
*To: Ham-Equip@ucsd.edu at internet
Subject: Ham-Equip Digest V95 #392

Text item:

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 392

Today's Topics:
OUT:BACK ON 9/9/95
Radio Shack 2m HT - Is it a good by for the price?
WANTED: Any info on pirat

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 95 16:55:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 391

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 15:56:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 390

Today's Topics:
Do the manufacturers give a damn?
Help on TV tuner/frame grabber card!
ICOM On-Line??
OUT:BACK ON 9/9/95 (2 msgs)
Regulations Shortwave Transmitter/Receiver must fullfill (help)
Sub-audible tone generator
WANTED: Any info on pirate radio station
Yaesu FT-530 replacement antenna

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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Date: Tue, 29 Aug 1995 23:44:17 GMT
From: sking1@ix.netcom.com (Stephen A. King)
Subject: Do the manufacturers give a damn?

edandsusan@aol.com (EDANDSUSAN) wrote:

>My experiences vary-

>Kenwood: I have written twice, asking about spare parts for some 10 year
>old HT's that I have. Absolutely no response, after about 2 1/2 weeks. I
>know, the radios are old, but the way I see it, if I can't get spares info
>for these,, why should I think it would be any different with new gear?

I wrote to Kenwood at their Long Beach, CA address concerning parts
for a TS-820. Their written response took about 7 days to get back to
me as I recall (it was very quick).

Date: Tue, 29 Aug 1995 20:08:17 -0400
From: Jeff Ross Feigin <hi@wpi.edu>
Subject: Help on TV tuner/frame grabber card!

sounds like the reveal tv200-- dont have the software for it anymore
since i sold my pc and got a mac, but it is available from damark for
about $150.

jeff

Date: Wed, 30 Aug 1995 16:47:53 GMT
From: Ed@Ed.UCSD.EDU
Subject: ICOM On-Line??

ICOM USA 800-872-4266

Date: 2 Sep 95 12:51:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 388

Today's Topics:
HAMMARLUND SP-600 schematics?
Last chance: New rigs CHEAP!
Out of band RX on FT-51R
Radio Shack 2 meter SWR meter

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policies or positions of any party. Your mileage may vary. So there.

Date: 31 Aug 1995 11:04:58 -0400
From: billo88@aol.com (BILLO88)
Subject: HAMMARLUND SP-600 schematics?

You can get the proper schematic from Robert Fowle....email: HAM R
LUND@AOL.COM. Let him know which SP-600 you have (ie: jx-6,jx-21). Hope
this helps, Bill
billo88@aol.com

Date: 1 Sep 1995 14:59:04 -0400
From: ptracy@aol.com (PTracy)
Subject: Last chance: New rigs CHEAP!

In article <42605t$eaa@ixnews3.ix.netcom.com>, Obtuse@ix.netcom.com
(ObtuseOne) writes:

>> 1995 Special Olympics World Games
>>
>>
>Why waste your time posting this garbage.. The prices you offer to sell
this
>used
>junk at is somewhat higher than the average new retail price for the very
>same
>items.. Please don't waste anymore of our time with such garbage post..
>
>
>

Yeah, I thougt so. Thought it was me.

Date: Thu, 31 Aug 1995 14:14:43 -0500
From: wright@onramp.net (jeff wright)
Subject: Out of band RX on FT-51R

I was curious, so I called both Yaesu tech support and RT Systems (the
makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq
change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was
only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
those freqs would not be heard at all...

Reply direct if you have any luck with this, I am still testing it out myself.

Regards,

jeff wright
kc5nez

In article <424ugf$gji@maureen.teleport.com>, tigger@jcomm.uoregon.edu
(Max Sabo) wrote:

> A few days ago I posted a way to extend the RX on the FT-51R. I didn't
> try it until yesterday and I couldn't seem to get it to work. I know
> there are a few people out there that got it to work, do you think you can
> help me? I changed the line to 1 after I loaded in a template, then
> downloaded the same file to the radio, but it still doesn't seem to want
> to accept out of band RX freqs.
>
> Any help will be appreciated.
>
> Max
> N7NWG

Date: Fri, 1 Sep 1995 13:54:57 -0500
From: BRETSKI <bap@storm.atms.purdue.edu>
Subject: Radio Shack 2 meter SWR meter

Our local Radio Shack stores stock only HF SWR meters,

HOWEVER

They were able to order an inline SWR/POWER meter for 2m/70cm. This is
not in our stores but is still available.

Details:
Part number = 10508018
Price = $46.19 which is cost+postage+tax
Time for home delivery = 7 to 10 working days.
NEAT!

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\

End of Ham-Equip Digest V95 #388
****

Date: 2 Sep 95 14:49:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 389

Today's Topics:
OUT:BACK ON 9/9/95

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Date: 2 Sep 95 10:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 387

Today's Topics:
Need MOD for ICOM T21AT
OUT:BACK ON 9/9/95

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policies or positions of any party. Your mileage may vary. So there.

Date: 2 Sep 1995 08:08:47 GMT
From: xyz@c.UCSD.EDU (nobody)
Subject: Need MOD for ICOM T21AT

Hello All;
I just got an ICOM T21AT 2M HT through a trade. The extended RX was done
by the keypad. How about the TX? Does anyone know of the TX mod for this
HT? BTW What is the full freqs coverage for this thing?

73 de John KC6VLG

Date: 2 Sep 95 09:20:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

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mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Sat, 2 Sep 95 Volume 95 : Issue 386

Today's Topics:
Background noise using HTX-202 mobile
Found Radio in Road
Heathkit HO-10 Monito
Help with no-code survey..
Last chance: New rigs CHEAP!
monitoring times magazine?
Motorola Syntor
Opinion on Periphex batteries
opinions on Standard C508A?
OUT:BACK ON 9/9/95
Out of band RX on FT-51R
Radio Shack 2m HT - Is it a good by for the price?
Sub-audible tone generator
TM-742A Questions
X-tals supply house other then Jan Crystal ????

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Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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policies or positions of any party. Your mileage may vary. So there.

Date: 29 Aug 1995 20:58:04 GMT
From: Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov>
Subject: Background noise using HTX-202 mobile

During recent qso's from my car, I have been told that I have a lot of
background noise. The noise sounds like I have the windows open even
though I do not. The noise disappears when I stop the car, even if the
engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.

I was thinking about trying an external mic, but I have a sneaking
suspicion that the noise is engine related (the car is new Civic).

Any suggestions would be appreciated.

Thanks,

Allan N3TCM

Date: 1 Sep 1995 00:22:33 GMT
From: swdecato@nps.navy.mil
Subject: Found Radio in Road

My wife was driving down the road the other day and spotted a little
black box in the middle of the road. She stopped to investigate and it
turned out to be GE Radio (transciever).

On the back it says ERICSSON GE Model PAJ02. The battery pack was
missing and it was pretty scratched and dented by being run over by cars.
On the bottom there are several power connections where the battery was.
I experimented until I got the digital display to light up when connected to
a little 9v battery. I was also able to get audio out of it so it appears to
be working. I suspect it is a public service type radio.

My question is... Does anyone know what type of radio this is? How are
the operating frequencies changed? What are the input voltages for proper
battery connection. I'm just wondering if I could get the thing to work on
2 meters.

steve
KA5DLB

Date: Wed, 30 Aug 95 11:58:00 -0400
From: jeff.sumberg@sailboard.com (JEFF SUMBERG)
Subject: Heathkit HO-10 Monito

@SUBJECT:Re: Heathkit HO-10 Monitor Scope question. N
DR>From: drawson@sagehen.Tymnet.COM (Dick Rawson)
>Message-ID: <41vsjg$39n@tymix.Tymnet.COM>

DR>I don't understand why you suspect trouble in the vertical deflection
>system, since you described amplitude modulation, not vertical
>deflection, of the spot.

DR>I would first guess that you have hum on the CRT's control grid, or
>earlier in the amplification chain.

I was just making "guesses and assumptions" as my first suspicions.
What you suspect has been suggested to me in several Email messages I
received from other members of the group. I have gotten some good leads
to look into. I plan to check it out as soon as I get some time.

To everyone, I appreciate all the help and suggestions that were made.

--
73 de N2VYU
Jeff

* 1st 2.00 #32s * .

Date: Tue, 29 Aug 1995 20:39:31 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Help with no-code survey..

Russell Gore (russ@primenet.com) wrote:

: What class of license do you hold? Advanced
: Do you support the idea of no-code on HF? Why? No. For years, a
codeless class of license was proposed; we now have it. There is a place
for no-coders already. If they want HF privileges, let them earn them.

Jim

Date: 1 Sep 1995 03:54:37 GMT
From: Obtuse@ix.netcom.com (ObtuseOne)
Subject: Last chance: New rigs CHEAP!

In article <424c7p$ehk@a3bsrv.nai.net>, bbattles@nai.net says...
>
>
> A couple of companies were kind enough to provide the hams
>with some excellent equipment to use during the 1995
>Special Olympics World Games in New Haven, Connecticut, July 1-9.
>They said that when the event was over we could send the equipment
>back ... or ... sell it to any interested hams at generous discount
>prices. So here's your chance:
>
>Time is just about up, and all this equipment will be returned to
>the manufacturers if not sold ASAP...
>
>Rules of the game:
>
>1) Prices are firm (set by manufacturers, not me), so no haggling,
>trades, etc.
>2) All items are COD, you pick it up from me, by appointment only.
>Or send a check/MO and include shipping costs. Call me AT HOME ONLY
>at 203-827-9956 to get directions, set appointment to meet, etc.
>3) First purchaser to offer to bring CASH, money order or non-rubber
>check takes the item.
>4) Equipment is sold as-is, and it all works fine. Everything comes
>in its original box with manuals, etc. I've been told all gear has
>original factory warranties. Service is between you and the manufacturer.
>5) Equipment can be picked up at my home or office, by arrangement
>only--no "drop ins"--or shipped UPS if you prepay. Call me at home only,

>at 203-827-9956, from 8 AM to Midnight ONLY, and leave a message on my
>answering machine that includes the following: Your name, call sign,
>telephone number, the date and time you called, and the equipment you
>want to purchase. I will call you back only if the equipment is still
>available, to make arrangements to have you pick it up and drop off
>the payment.
>6) I'm not going to call back dozens of people to tell them something
>is already sold--if you don't hear back from me in 2 to 3 days, assume
>you missed out. And for confidentiality, privacy, and to keep from
>getting sucked into third-party haggling, I'm not going to tell you
>who anything is sold to, so please don't ask.
>
> --73 de Brian, WS1O
> New Britain, CT USA
> Deputy Commissioner, Amateur Radio Operations
> 1995 Special Olympics World Games
>
>
Why waste your time posting this garbage.. The prices you offer to sell this used junk at is somewhat higher than the average new retail price for the very same items.. Please don't waste anymore of our time with such garbage post..

Date: Fri, 01 Sep 1995 11:06:29 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: monitoring times magazine?

JHEN@INTELINET.NET wrote:

>Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
>Thanks for any help in advance.
>Jeff

Jeff, the July 95 issue shows their telephone number to be (704)837-9200. 73's Floyd WD5ENJ

Date: Wed, 30 Aug 1995 08:11:03
From: SmoothWalker@innet.com (Pete Bowler)
Subject: Motorola Syntor

I am interested in locating a newsgroup dealing in the selling/trading of used commercial radios such as the Motorola Syntor. Any assistance in this would be greatly appreciated as I am very new to www, and still working at locating various newsgroups. You can contact me at smoothwk@innet.com

---

Date: 30 Aug 1995 13:15:55 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)

Subject: Opinion on Periphex batteries

In <41sro1$24d@newsbf02.news.aol.com> piperbill@aol.com (PiperBill)
writes:
>
>>Anyone else out there had a good or bad experience with Periphex
>>batteries.
>
>I have (presently) 2 large Periphex batteries for my two ICOM HTs and
they
>have work flawlessly for at least 3 and 2 years respectively. The
oldest
>was on an almost twice a day charge cycle when I was using is heavily.
>
>Prior to that, I used Periphex replacement batteries for my old
Toshiba
>T1000 laptop with great results.
>
>Bill Tubbs, WK6A

I had my one and only Periphex battery that I bought for a Yaesu HT.
Battery did not last more than 8 months. Nedless to say, it was the
last Periphex battery that I bought.

Regards,

Duffy - WB8NUT

Date: 31 Aug 1995 18:36:45 GMT
From: help@oit.unc.edu (User Services)
Subject: opinions on Standard C508A?

I'm thinking about getting the C508A for its size and low power demand, but
I'm worried about not having autopatch capabilities. Please give me your
opinion of this radio. Universal Radio has them back ordered. Thanks.

dale castle KD4EAP
dale@unc.edu
Chapel Hill, NC
USA

Date: 2 Sep 95 07:38:00 GMT
From: WUNDERMAN_MARK@tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-02-95 FROM SMTPGATE (ham-equip@ucsd.edu)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 385

Today's Topics:
DJ580T mod question
ICOM On-Line??
monitoring times magazine?
Need Opinions: want to operate RTTY and SSTV
OUT:BACK ON 9/9/95
TM-742A Questions

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Date: 2 Sep 1995 01:53:41 GMT
From: travisp@ix.netcom.com (Gerald Phillips)
Subject: DJ580T mod question

I am atempting to do the extended receive mod. on my DJ580T. I know
that you are supposed to cut the red wire, but I want to make sure
which wire you cut. With the unit's display facing up and the bottom
removed you can see a "red" loop wire that is about the same size as
the blue one, and then there is a small "orange/red" wire at the top.
I believe I cut the larger loop which is red and not the smaller loop
that is orange/red. If anyone can clear this up for me I would greatly
appreciate it. Thanks and 73.

KE4MBD - Travis

Date: Wed, 30 Aug 1995 05:01:05 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: ICOM On-Line??

Anyone have an E-mail address or Web page for Icom?

Even a phone number will do in a pinch.

I would really like to contact the service people at Icom but anything
would be a start.

TNX and 73s

```
**********************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
**********************************************************
```

Date: Fri, 01 Sep 1995 01:13:33 GMT
From: JHEN@INTELINET.NET
Subject: monitoring times magazine?

Can anyone give me a phone # for monitoring times? I cant find the magazine anywhere: book stores, krogers...
Thanks for any help in advance.
Jeff

Date: 30 Aug 1995 06:24:29 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Need Opinions: want to operate RTTY and SSTV

Hi folks. The only digital mode I've ever worked
before is CW. Now, I want to begin some RTTY and SSTV
operation from here in Taiwan with the assistance of
one of my local ham friends. I'd be interested in
knowing the best rtty and sstv interface to get us up
and running in time for the CQWW RTTY DX contest later
this year. We already have the following:

Rig,Amp,Antenna,486 PC, 8 bit sound card. Heard we
could qrv on sstv using the sound card...is it true?
Otherwise, looking at the PASOKON SSTV card (73 Mag
last month) and have no idea what rtty controller to
buy. Thinking about a MFJ-1270. Any suggestions?

P.S. Not interested in Packet or the other dig modes,
Just good old RTTY and some SSTV.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: 1 Sep 95 02:03:00 GMT
From: WUNDERMAN_MARK@Tandem.COM
Subject: OUT:BACK ON 9/9/95

I will be out of the office between 9/5/95 and 9/8/95. I will respond to my
mail when I return on 9/11/95.
Mark

------------ ORIGINAL ATTACHMENT --------
SENT 09-01-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 1 Sep 95 Volume 95 : Issue 384

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
2m/70cm mobile: Kenwood TM-733A - Opinions?
C508A mod for cell
Ham Logginf Software
Ham Logging Software --- try HYPERLOG
Heathkit HO-10 Monitor Scope question.
HELP ME PLEASE
HT too HOT to handle?
IC-706
Info Syntor X radios
Moving in a U-Haul - Hook up my 2m help?
NEEDED: Manual for MFJ-1278 Data Controller
Need Ten Tec SCOUT555 info
opinions on Standard C508A?
TM-742A
TM-742A Questions

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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 1995 16:33:16 GMT
From: jdc@cci.com (James D. Cronin)
Subject: 2m/70cm Handheld Reccomendations ?

In article <41qitj$5i0@mack.rt66.com>,
David M. Comer <dcomer@mack.rt66.com> wrote:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs

>looking for the same, so a post is preferred.
>
>73
>Dave Comer (Waiting on the FCC)

I've had good luck with a Kenwood TH-77. My suggestions:
- Used equipment in good shape is a better deal than buying new. Buy
locally if you can. Bring a friend along. Also scan the net to
get an idea on prices.
- Make sure it can receive on both bands at once. The TH-77 can send
audio from one band to a speaker-mike, with the other to the built-in
speaker. Some so-called dual-banders can only recieve on one band
at a time.
- Just remember it's an HT, not a mobile. They generally have intermod
problems when attached to a decent antenna.

73...Jim N2VNO

Date: 29 Aug 1995 12:36:42 GMT
From: walt@lfs.loral.com (Walt Johnson)
Subject: 2m/70cm Handheld Reccomendations ?

In <41qitj$5i0@mack.rt66.com>, dcomer@mack.rt66.com (David M. Comer) writes:
>Probably a FAQ, but I'm new to HAM....
>
>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld.
>
I"m about six months ahead of you getting my technician and addressed
the same issue. After talking with older and greyer HAMS, I opted for
an ICOM W-31A. My rationale:

1) A lot of my traveling is at night so I wanted a lighted keypad. This
almost forced me to the ICOM line.

2) Memories: I travel a lot to a home in New Hampshire and a workplace
in Virginia. I've my ICOM programmed for both places, as well as home
base in Owego NY. I needed a lot of memory in order to do this. The
IC W-31A has fifty memories for each band.

3) I didn't want a detachable mike/keypad as it made the keypad smaller
and I"m "fat fingered".

4) Accessories: I also purchased the cigarette lighter adapter to give
me unlimited power supply (and 5 Watt transmit as well) and a "hot rod"
antenna to help ensure that I "get through" in emergencies.

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed

waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

Date: Wed, 30 Aug 95 12:08:21 GMT
From: dpbaker@lilly.com (David P. Baker)
Subject: 2m/70cm mobile: Kenwood TM-733A - Opinions?

demetre@helios.intranet.gr (Demetre Koymanakos) wrote:

>: I am considering buying the Kenwood TM-733A 2m/70cm mobile rig and I
>: was wondering what experiences people have had with this radio. I am
>: basically looking to buy a 2m/70cm mobile rig with a removable front
>: so I can mount the main body of the rig in the trunk of the car and
>: have the display up front. I dont think I can install a mobile rig
>: in my car (honda Civic 4dr) any other way.
>: If anyone has any opinions on this or any other radio that fits
>: the bill, I would be interested to hear them.
>
I have a 733 and I'm very happy with it. I have a dual band handheld
and I use the cross band repeater function in the 733 often. I have
it mounted in a manner similar to yours and that's why I purchased
it.

Dave Baker - AA9OQ

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: Sat, 26 Aug 1995 22:56:54 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: C508A mod for cell

I've read it can be done...I've seen a radio that has been modded but the
guy had it done by someone else and know NADA about it...so can the cute
little C508A be modified to receive cell fone???

Hey when you are out of town and not much is going on the local repeaters,
it is good for a few laughs...

tnx...cleve wd5bor

Pse e-mail direct if possible as my time on the newsgroups is limited...

Date: Wed, 30 Aug 1995 16:22:27 GMT
From: geo@nando.net (George McCrary)

Subject: Ham Logginf Software

"James A. Storm" <jastorm@ix.netcom.com> wrote:

>As a follow-up to my endorsement of Hyperlog, the BBS number is (404)
>844-9023.

> 73, Jim WB6LWS in Pacifica, CA

I wouldn't register Hyperlog anytime soon. Apparently Hyperlog Pro
will be out soon and I don't know that registered users of Hyperlog
will get any break on the new version.

73 DE KQ4QM

Date: 30 Aug 1995 06:15:44 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: Ham Logging Software --- try HYPERLOG

In article <420j87$f4k@ixnews7.ix.netcom.com>, td_eecs@ix.netcom.com says...
>
>Does anyone know a GOOD loggin program for ham radio. I know there are
>some out there, but I'm having bad luck getting one. I recently bought
>a CD-ROM that had no less than 15 logging programs -- none of them
>worked! I'm not too anxious to part with green money again until I
>know what I'm getting in advance!
>
>Does anyone have one that they are really in love with? If so, why the
>love affair!
>
>Thanks,
>
>Tom

Hi Tom, I too have tried several computer logging programs. I assume you are
interested in the casual day-to-day logging, not contest logging. For casual
daily QSO's, I've found HYPERLOG (TM) to be a superb logging program. I
believe
version 2.24 was a "testware" program that allowed free testing for a period of
time. If you like it, it can be purchased for 49.95 or something there abouts.

Features I enjoy: shows prior QSO's with a station that you've worked before,
date, time, band, etc. Shows QSO's with that country before. Automatically
tally's DXCC and WAS by band, by mode. Has default settings for power-up (I
enjoy 17 mtr CW, so it automatically comes up in that mode. Setup option
allows me to store long/lat data of my qth and shows the lp and sp and distance
to the country being worked. Print function is decent. Does QSL labels.

Though it's not totally free, it is worth 50-bucks (their advertisement says
"less than a hundred foot roll of RG-8 coax). Anyway, some 4000 QSO's later, I
still am using the HYPERLOG software. No, I have no affiliation with Hyperlog
in any way. A friend in JA introduced me to the software after trying

something called DXB (did not like it). Just a pleased customer.

-
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: 29 Aug 1995 20:16:48 GMT
From: drawson@sagehen.Tymnet.COM (Dick Rawson)
Subject: Heathkit HO-10 Monitor Scope question.

Jeff Sumberg asked about the display on a Heathkit HO-10 scope:

> When the scope is in operation, the trace appears as a broken line
> rather than a solid line from edge to edge.

I don't understand why you suspect trouble in the vertical deflection system, since you described amplitude modulation, not vertical deflection, of the spot.

I would first guess that you have hum on the CRT's control grid, or earlier in the amplification chain.

And the first place I'd look for that hum is in the power supply: the electrolytic filter capacitor may have become defective in its old age.

Dick Rawson drawson@acm.org n6cmj

Date: Tue, 29 Aug 1995 20:04:39 GMT
From: jgardner@netcom.com (Jerry Gardner)
Subject: HELP ME PLEASE

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: You didn't think broadcasting was allowed on *amateur* radio did you?

Unless you're the ARRL or K1MAN...

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

---

Date: Wed, 30 Aug 95 16:28:08 GMT
From: mkeitz@bev.net (Mike Keitz)
Subject: HT too HOT to handle?

In article <4218j3$geb@bigboote.WPI.EDU>,
gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:

>
>This article summarizes some observations I made concerning the heat
>generated by my Alinco DJ-580 dual band HT when powering if from an
>external 13.8 VDC supply. These may be of interest to those who find
>their HTs getting excessively hot when running them from external
>supplies. I don't know the extent to which my findings are applicable to
>other brands and models.
>
>The Alinco DJ-580 has a power jack on the side of the radio designed to
>accept 13.8 VDC directly. I'd often use an external 13.8 VDC supply when
>using the HT at a fixed location, but found that the radio quickly gets
>too hot to handle when doing any serious transmitting. The conventional
>wisdom is that this occurs because the radio is putting out 5 watts when
>being powered by 13.8 VDC, as opposed to approx. 2.25 watts when using the
>standard 7.2 volt battery pack. However, even when transmitting at the
>medium power setting (which is 1.2 watts regardless of supply voltage),
>the radio was getting objectionably hot when using the 13.8 VDC supply;
>but not when running it off the 7.2 VDC battery pack. Analyzing supply
>voltage, power output, and DC current drain measurements revealed the
>following (for 2 meters):
>
> - Low power transmit was 0.25 watts, regardless of supply voltage.
>
> - Medium power transmit was 1.2 watts, regardless of supply voltage.
>
> - High power transmit was dependent upon supply voltage. It showed
> a rather linear rise from 2.25 watts @ 7.2 volts to 5 watts @ 10.4
> volts. Increasing the supply voltage beyond about 10.4 volts did
> not result in any further increase in RF output.

This is because the radio has a feedback circuit which measures the power output (actually it often measures the RF voltage output), and adjusts the RF drive to the power amplifier module to achieve the set amount. On the high power setting, the feedback loop cannot achieve this unless, obviously there is enough DC voltage to allow the amplifier to reach 5W output. The exact point where the feedback circuit starts to reduce the power depends on many factors, in this case it was 10.4 V. Probably most HT's are designed to fall close to this number, as the '5 W' NiCd pack supplies only 12.0V, not 13.8 or more that can come from a vehicle's electrical system.

> - DC CURRENT DRAIN AT EACH POWER SETTING WAS LARGELY INDEPENDENT
> OF SUPPLY VOLTAGE. On low power transmit, the current drain was
> 0.5 A regardless of supply voltage. On medium power transmit,
> the current drain was 0.8 A regardless of supply voltage. On
> high power transmit, the current drain increased from 1.1 A
> @ 7.2 VDC (2.25 W RF output) to 1.6 A @ 10.4 VDC (5 W RF output).
> BOTH THE RF OUTPUT AND CURRENT DRAIN REMAINED CONSTANT AS THE
> SUPPLY VOLTAGE WAS INCREASED FROM 10.4 VDC TO 13.8 VDC.
>
My tests with the power amplifier from a Motorola Mocom radio tended to

show that the amount of heat produced is controled primarily by the supply voltage and not the power output. In other words, reducing the RF output by reducing the RF input to the amplifier caused the DC input current to drop, but the "excess" DC input power (DC power - RF power) remained almost constant.

This is somewhat confirmed by your numbers above:
Medium power: (0.8A * 10.4V - 1.1W) = 7.22 W excess
High power: (1.6A * 10.4V - 5W) = 11.6 W excess

At 10.4 V, the RF output can be increased by a factor of 455% while the heat produced is increased by only 160%. The disparity would be even less say in going from 2.5W to 5W.

The efficient way to reduce power output is to reduce supply voltage, not RF power input (what the feedback circuit does). So an external voltage-dropping device is a very good idea.

>The implications of this final observation should be obvious. At 10.4
>VDC, the radio is consuming 16.6 watts of input power to produce 5 watts
>RF output. At 13.8 VDC, the radio is consuming 22.1 watts input power to
>produce the same 5 watts RF output. This means that an extra 5.5 watts of
>power is being used when the supply voltage is increased from 10.4 VDC to
>13.8 VDC. Since RF output power remains constant, that extra power is
>being dissipated primarily as heat.

That is the only place the extra power could go. The problem is that the feedback circuit is reducing the drive and making the power amplifier less efficient. Running 'open loop', you could possibly get 7W or more RF out, at about the same amount of heat. The limiter is set to 5W as this is generally considered a safe amount to radiate near a person's head for short times.

>I'd be interested in finding out whether other HTs have
>voltage/current/RF-output relationships similar to the DJ-580. If so, hams
>having trouble with excessively hot HTs when powered from external DC
>supplies might be able to alleviate the problem by determining the voltage
>at which high RF power output begins to drop off, and using that voltage
>level to supply the radio (rather than the full 13.8 volts). I installed
>4 or 5 rectifier diodes in series with my (+) DC power lead as a quick and
>dirty method of reducing the voltage supplied to the radio. Each
>rectifier diode should have a voltage drop somewhere between 0.6 and 0.9
>volts, depending on the device and current drain. If you do this, I'd
>suggest using diodes with a rating of at least 3 amps. If you need to buy
>some, go with the 6 amp variety. They will get VERY hot in actual use,
>and you'll have an extra degree of robustness with these. Just make sure
>you put them in a place where the heat won't cause problems.

Almost any transmitter with a class-C power amplifier is going to exhibit these characteristics, and could benefit from reducing the input voltage. Even if you use only low or medium power, internal heating will still be reduced.

For voltage dropping circuits, I might suggest the old 'active capacitor' consisting of a power transistor hooked up as a voltage follower, with a voltage divider connected to the base. By connecting capacitors from the base to ground to filter the voltage there, a large amount of ripple filtering can be achieved, which may help if you are having trouble with 'alternator whine'. The effective value of the base capacitor is roughly multiplied by the current gain of the transistor. The transistor will need some heat sink (in this example (13.8-10.4)*1.6 = 5.4 Watts). It could be kept cool by attaching it to a metal box. It is easier to remove heat from a transistor than from diodes. This circuit won't regulate the voltage very much, but you don't need to, just reduce it so the radio operates more efficiently. Another method would be a simple series resistor (about 2 ohms in this case) with a big capacitor on the radio side. Since the resistor is sized for high power, it doesn't have much benefit on medium or low other than the RC filtering effect.

If you are using a Astron or similar supply at home for the HT and nothing else that requires the full 13.8V, there is often an adjustment inside that can be used to reduce the voltage to 10 or 11V.

-Mike KD4QDM

Date: Wed, 30 Aug 95 01:01:00 +0200
From: christopher.svenstedt@p19.stacken.ct.se (Christopher Svenstedt)
Subject: IC-706

Hello All.

Any good?

Christopher

Date: Thu, 31 Aug 1995 04:35:03 GMT
From: sdmason@sdmason.seanet.com (sCOTT mASON)
Subject: Info Syntor X radios

I need some information on several Syntor X radios. These radios are programmed for the 154.00 public service band.
1) Is it possible to reprogram these radios for 2-meter?
2) What type of equipment is required to program them?

All of the ID numbers are identical except for the serial #'s.
tx: CC3372 ID: T73VBJ7D04BK
rx: RC0291 MOD: T99VB+008W

Any information you can provide about these radios will be greatly appreciated.

Scott Mason
Woodinville Emergency Communications Team (WECT)
reply to: sdmason@sdmason.seanet.com

Date: 31 Aug 1995 04:28:10 GMT
From: johnmxl@ix.netcom.com (John Amdor III)
Subject: Moving in a U-Haul - Hook up my 2m help?

In <4221iv$gjo@clarknet.clark.net> perryrt@clark.net (Richard Todd Perry) writes:
>
>OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My
>wife and I were planning to use our 2m rigs to communicate (simplex, mostly)
>on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna
>and a Yaesu 2400 (and another mag mount) that's in my house right now. I was
>planning to give the HT to my wife (who will be driving our car). I'm going to
>be driving the U-Haul truck we rented. Short of running it to the battery, the
>only way I can think of powering this thing is via the cigarette lighter. My
>question is: Will it blow up on me? The 2400 puts out 12A at high power, but
>since my wife will only have 5w at her disposal, I'll probably only be using
>low (3A) or medium (9A) power.Think this will work, guys?
>
>Thanks in advance!
>--
> Regards,
> R. T. Perry
> KF4BAL
> GMOO
>- The world is divided into two groups of people: Those that own HP's
>and those that yell "HEY! Where's the equals sign?"
>

Congrats on the move to the Midwest. I would like to do the same, only from California...

The last U-Haul I rented had binding posts on the dash with 12VDC available. I suppose we could tell each other that they did it for the Ham community, but my real guess is that they got tired of people butchering the wiring to hook up CB's. I know from several years of experience in repairing over-the-road trucks that some people will cut into any wire with power on it to hook up accessories.

Drive safe.

John
KD6MXL

johnmxl@ix.netcom.com

Date: Fri, 1 Sep 1995 07:15:09 GMT
From: cd529@FreeNet.Carleton.CA (Mike Parent)
Subject: NEEDED: Manual for MFJ-1278 Data Controller

I require an owners manual for a MFJ-1278 Multi-Mode
Data Controller. I will cover cost of original or
photo-copy. Thank you.

Mike Parent
VE3UWC/KD4DIO
#

Date: 1 Sep 1995 09:35:29 GMT
From: otsuka@sj.hp.com (Atsushi Otsuka)
Subject: Need Ten Tec SCOUT555 info

Does anybody have or know about SCOUT-555 inexpensive mono
band transceiver from Ten Tec? Please let me ask you a couple
of questions.

1.What sort of circuit is in a band module? The band module
is the one you have to pull out and push another one into the
transceiver to change the band.

2.Would it be possible to build the band module by yourself?

Thanks in advance,
Atsushi Otsuka, 7K2COJ/KE6FFS
email;atsushi_otsuka@hpjpn.desk.hp.com

Date: 1 Sep 1995 12:48:13 -0400
From: nepaleduc@aol.com (Nepal educ)
Subject: opinions on Standard C508A?

Hi,

I have had a C508A for about a month. Great HT, but careful of the
limited output power - even with an external antenna on a car I have
difficulty getting reliable QSOs thru repeaters. I am looking at buying a
"brick" amplifier to get round this. The other restriction is the audio
output is not enough for use in a moving car unless you use a headset.

Its best applications are the ones I bought it for - hill topping on
climbing trips and use in hotel rooms when travelling. Sure there is no
autopatch capability, but look at the size and price! The scanning
capability is awesome.

Last weekend I was able to access repeaters in San Francisco on 440MHz from a 12,000 ft mountain in Yosemite National Park - about 150 miles - all on the 3 inch long antenna! Also used it in the UK a couple of weeks ago - the C-508A built-in 1750 tone capability is needed to access British repeaters.

Let me know if you need more info.

Rob
ZL2AXQ/6
Mill Valley CA

Date: Wed, 30 Aug 1995 14:42:00 GMT
From: rick.edwards@mogur.com (Rick Edwards)
Subject: TM-742A

I have a new 742A. It is a great radio! I enjoy it very much. However, I do have a couple of questions that I can't seem to find the answer to in the manual. Maybe you can help me.

1) When using the autodialer, the button sequence is PTT, PF, & then the autodialer memory number (#1 in my case). The transmitter turns on when the PTT is pressed, of course, but then turns off when the PF button is pressed and then back on for the DTMF string. However, there is no (or very little) pause between the transmitter turn on and the sending out of DTMF. I use two repeater autopatches and neither of them likes this and it _usually_ results in a misdial. Question: Is there anyway to add a pause or a brief wait between the transmitter turning back on and the output of DTMF?

2) When using the 742A in a crossband repeat mode between a 220 repeater and my 2m HT, I have to wait for the 220 repeater to drop before I can transmit. This becomes a real drag when on a roundtable on the 220 repeater and it has a long hang time. Is there anyway around this? Is there a way to make the 742A act like a single frequency repeater on the 2m side (ie. sample the receive every few hundred milliseconds)?

Thanks....<re>
---
* QMPro 1.50 41-9162 * NAK NAK Who's there? Popeye ACK ACK ACK ACK ACK ACK ACK

Date: 31 Aug 1995 01:32:22 GMT
From: Alan Raskind <alan.raskind@trw.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>Any input on the Kenwood TM-742A would be apreciated (sp).
>
>In particular I am looking for anyone who has had problems with this Rig
>but all comments are welcome.

>
>Wouldn't it be great if it were an all-mode?
>
>TNX, 73s
>
>***
>* Darrell Leach--------*---1984 GL-1200A-----------------*
>* Ridgecrest, Ca-------*---123,000 miles and still going *
>* KD6LRC---------------*---. . .and going. . .and going. *
>* --------email: token@owens.ridgecrest.ca.us------------*
>***
>
>
Hi Darrell,

I have a 742A and the only problem I had with it was that with the 6Meter
module installed, you had to turn the rig on, then off and then on again
because even though you had a display, you couldn't receive or transmit.

It turned out to be that the module wasn't "talking" to the
microprocessor for some reason. Changing out the VCO in the '42A did no
good. Finally they replaced the module with another one and it worked.

Other than that, I like it very much.

Alan, WA6AQC

End of Ham-Equip Digest V95 #384
****

Date: Wed, 30 Aug 1995 05:17:24 GMT
From: <token@owens.ridgecrest.ca.us>
Subject: TM-742A Questions

Any input on the Kenwood TM-742A would be apreciated (sp).

In particular I am looking for anyone who has had problems with this Rig
but all comments are welcome.

Wouldn't it be great if it were an all-mode?

TNX, 73s

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

End of Ham-Equip Digest V95 #385
****

Date: 31 Aug 1995 18:19:59 GMT
From: tigger@jcomm.uoregon.edu (Max Sabo)
Subject: Out of band RX on FT-51R

A few days ago I posted a way to extend the RX on the FT-51R. I didn't try it until yesterday and I couldn't seem to get it to work. I know there are a few people out there that got it to work, do you think you can help me? I changed the line to 1 after I loaded in a template, then downloaded the same file to the radio, but it still doesn't seem to want to accept out of band RX freqs.

Any help will be appreciated.

Max
N7NWG

Date: Thu, 31 Aug 1995 19:46:39 GMT
From: bblohm@boi.hp.com (Bill Blohm)
Subject: Radio Shack 2m HT - Is it a good by for the price?

Jim Lowman (jlowman@netcom.com) wrote:

: The only negatives I can contribute: a) It has only 12 memories. This may
: not be that important if you live in an uncrowded area, but in the

Jim, you reminded me of the one beef I have. The memories are OK for my area and so not a problem, but I do wish the keyboard was lighted!!!! The display lights up OK and is readable, but given when I use it in emergency drills and such, a lighted keypad is a must in my next HT. The original poster should consider this as well. Otherwise, I still consider it a good buy, and agree with the others that the original poster should wait for the next sale. I'm hoping to get my boy one for himself for Christmas, so I'm waiting for a sale near then, myself.

73 de Bill, KC7JSD

Date: 1 Sep 1995 16:04:55 GMT
From: butch@apollo.wes.army.mil (Butch Magee)
Subject: Sub-audible tone generator

I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit installed. Kenwood says that option is no longer available. does any one know of a way to build one? The local repeaters are all using 100Hz tones, so thats the only one I will need.
Any info about how to make one or how to modify another unit to work in the 7950 would be appreciated.

Thanks,

Butch KF5DE

Date: 1 Sep 1995 16:17:08 GMT
From: Earl Landry <6514266@mcimail.com>
Subject: TM-742A Questions

<token@owens.ridgecrest.ca.us> wrote:
>
> Any input on the Kenwood TM-742A would be apreciated (sp).
>

I have had my TM-742A with a six-meter module for almost two
years. The unit is used daily as a mobile rig. Absolutely
zero problems so far.

73, Earl Landry - AB5VM

Date: Thu, 31 Aug 1995 19:42:51 -0500
From: "Edwin J. Bailen" <n5kzw@eden.com>
Subject: X-tals supply house other then Jan Crystal ????

On 28 Aug 1995, Joe Landis - Systems & Network Mgr wrote:

> In article <41lsi2$1bb@engr.orst.edu>, steinr@holmes.ece.orst.edu (Raymond Stein)
writes:
> > In article <DDuBGD.AAD@iglou.com>, Charles V. Boehnlein <cvb@iglou.com>
> > wrote:
> >
> >>I have a radio that needs a crystal. I had a very good and quick
> >>supply house address and phone number but have lost it. Can anyone
> >>recommend a good quick supplier ??
> >>
> >>Charlie AD4HH
> >>cvb@iglou.com
> >
> > Bomar Crystal Company
> > 201 Blackford Ave
> > Middlesex, NJ 08846
> > 1-800-526-3935.
> [snip]
> He needs ONE crystal. Bomar is fine, and the prices are good, but they have a
> $50 minimum order. What's the matter with JAN?
>
> Joe - AA3GN
> --
> Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
> landisj@nad.com ..speaking only for myself, of course..
>

>
JAN offers very cheap crystals, but they frequently don't work! I bought
about a dozen JAN crystals for some 6-meter channel elements. When they
came in, I spent DAYS tyring to figure out why the 6-meter rig wouldn't
come up. The cause was 6 to 8 dead crystals! I tossed the whole lot as I
had no faith that the working ones would continue to do so.

73

End of Ham-Equip Digest V95 #386
****

End of Ham-Equip Digest V95 #387
****

End of Ham-Equip Digest V95 #389
****

Date: Wed, 30 Aug 1995 19:54:11 GMT
From: Bill <Bill@survival.demon.co.uk>
Subject: Regulations Shortwave Transmitter/Receiver must fullfill (help)

A UK based charity has developed a pedal powered generator to operate a short-wave
transmitter/receiver working at (4.005 MHz). The use is to supply village to village
communication in Tanzania Africa. A small pilot project has successfully run for the last
12
years with commercial bought in equipment. The aim is to manufacture pedal generators and
short-wave transmitter/receivers locally in Tanzania both to save foreign currency and
provide
local employment.

A transmitter/receiver has been designed and 95 per cent completed.

Does anyone know what international regulations such a short-wave transmitter/receivers
would have to comply with? The project is based in the UK.

Thank you for any help anyone can give.

Bill

--

Bill Wright
London
England E-Mail bill@survival.demon.co.uk

Date: Fri, 01 Sep 1995 21:41:05 GMT
From: fladams@iadfw.net (Floyd Adams)
Subject: Sub-audible tone generator

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I have a Kenwood tr-7950 that does not have the optional tu-79 tone unit
>installed. Kenwood says that option is no longer available. does any
>one know of a way to build one? The local repeaters are all using 100Hz
>tones, so thats the only one I will need.
>Any info about how to make one or how to modify another unit to work in
>the 7950 would be appreciated.

>Thanks,

>Butch KF5DE

Butch, It shouldn't be that hard to put in an aftermarket tone board.
The factory board will only let you set it up for three different
frequencies, if I remember correctly. If you only need one frequency,
I would look at one of the miniature tone boards that Communications
Specialists sell. They are available from a lot of the mail order
places. They are very simple to hook up. The original factory tone
board plugged into a small plug on the 7950. My guess it was a B+,
GND and tone into the radio line. Even if it is not, you can call
Communications Spealists and they will tell you where to connect their
boards on most radios. I hope this helps....73's Floyd WD5ENJ

Date: 31 Aug 1995 20:19:00 GMT
From: George Guillory <guillory@phoenix.net>
Subject: WANTED: Any info on pirate radio station

LAHM51B@prodigy.com (Jason Berger) wrote:
>I'd like to start my own pirate radio station.
>What equip. do I use, or need.
>Any info would be very appreciated.
>
>Chad Mears
>

A trolling we will go... A trolling we will go...

George
KC5HBT
guillory@phoenix.net

Date: 2 Sep 1995 09:14:02 GMT
From: hbcsc274@huey.csun.edu (Jerry Wang)
Subject: Yaesu FT-530 replacement antenna

I also have a FT-530 and replaced the stock antenna with a Diamond RH77CA
rubber duck. It is about 14.5" inches long from the base.
It is far superior than the stock antenna. I paid $35 for it at the local
Ham Radio Outlet store. I've seen these at hamfests for around $20.
Jerry Wang (KE6UUX)

End of Ham-Equip Digest V95 #390
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End of Ham-Equip Digest V95 #391
****

Date: 31 Aug 95 12:53:02 -0800
From: harrisok@vax.sonoma.edu (Ken Harrison)
Subject: Radio Shack 2m HT - Is it a good by for the price?

hdc@netmetro.com (hdc@netmetro.com) wrote:
> I would appreciate your comments on the Radio Shack 2m Handheld
> transceiver.
> I'm a rank beginner with my new tech licence, looking for my
> first rig.

Not to send you off the track of a HTX-202, but I've just heard about
the 4th radio in my county going on the blink. Intermittent transmit.
All the same problem. The latest one is 3 months old. Whenever used
on 12 V. it is on a mobile 5/8 antenna.

True, I don't know how many operators in my county have the HTX-202,
exactly. There are approximately 1300 or so amateurs that live in my
county. I'm sure they don't all own the HTX-202. ;-)

The ones that do work sound good. The owners like them. Just about
every owner that I have talked to has the extended warranty. (And it
is apparently pretty good tha they do have it...)

> Is it a good buy for $260? I notice that they bundle in a few
> options in the
> price, that others don't. Is there a better choice in that
> price range?

Considering the problems that I've heard with this HT, >if it were me<,
I wouldn't purchase it without the extended warranty. Figure another
$40 or whatever it costs onto the price of your HT. Now you're looking
at around $300. Is it worth that much? In my opinion, no.

Now if you get it for the sale price of around $190 + $40 warranty, you're
looking at $230ish. Yeah, maybe it is worth that to someone. Did I
say "Don't buy this radio without the warranty?" Well, if I didn't say it,
be sure you don't buy it without the warranty.

Actually, I think Radio Shack ought to adjust the price of their radio so it includes the price of the 5 year warranty. Of course, others may not think that way... I'm just going by the track record I've seen from locals on this radio...

I must add that Radio Shack has been very good to the locals in the customer service department. They stand behind their product. That is an important consideration when considering a purchase of most anything.

It is reported that the HTX-202 is very good in a high RF environment. It tends to not suffer from intermod interference. This might be something to consider, too.

All in all, I'm pretty neutral on the HTX-202. I probably wouldn't buy one for myself, but I'm not in the market for a 2M HT, either.

Contratulations on your new license and enjoy--

73,
Ken

--

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~

Date: Wed, 30 Aug 95 19:17:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: WANTED: Any info on pirat

Subject: WANTED: Any info on pirate radio station

>>I'd like to start my own pirate radio station.
>>What equip. do I use, or need.
>>Any info would be very appreciated.
>>Chad Mears

Contact this group in writing:

Federal Communications Commission
Washington, DC 20554

Be sure that your correspondence clearly identifies how the FCC may reach you for further information, and that the matter you are addressing is understandable and accurate.

Clint Bradford
... Artificial Intelligence is no match for Natural Stupidity.
---
* TLX v4.00 *
~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

~~~~~~

End of Ham-Equip Digest V95 #392
****

1564. Message not deliverable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Administrator@sil.ORG
Message-ID: <01HUWURC71VG000BVF@SIL.ORG>
Source record: 212896

---------- Returned ----------
From: ham-equip@ucsd.edu at internet
Date: 8/30/95 3:08PM
To: Norm Beasley at PNG
*To: Ham-Equip@ucsd.edu at internet
Subject: Ham-Equip Digest V95 #379

Text item:

Ham-Equip Digest Wed, 30 Aug 95 Volume 95 : Issue 379

Today's Topics:
2m/70cm Handheld Reccomendations ? (2 msgs)
CommSpec ts32 encoder/decoder doc
Do Equipment Manufacturers Care?
Does anyone know of where
Do the manufacturers give a damn? (2 msgs)
Drake TR-33c?
Extended Rcv on FT51r?
For sale in UK....
FT-211 Front panel Scheme
Ham Logginf Software
IC-706 Any Feedback?
I want to buy tubes
Moving in a U-Haul - Hook up my 2m help?
Opinion on Periphex batte
Timewave vs. JPS DSP Noise reducers
What good is 6 Meters ?
Where can I get a gel cell battery?
Yaesu FT-11R Mods Request

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 29 Aug 95 19:23:57 GMT
From: dpbaker@lilly.com (David P. Baker)

Subject: 2m/70cm Handheld Reccomendations ?

>I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>handheld. 1-1/4 would be nice, but... What I would like is to hear from
>some experienced handheld users as to the types of features that are
>particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>are any particular units worth considering, I'd appreciate some input as
>to your experience with the units. I appreciate your input. Feel free to
>e-mail me, however, I would guess that there are plenty of new HAMs
>looking for the same, so a post is preferred.
>
I have the Yaesu FT-51R. This is a VERY good radio. I like mine
very much. I have a friend who purchased one on my recommendation
and he is equally happy.

Dave Baker

****
| David P. Baker | All opinions expressed or implied are mine and not |
| Eli Lilly & Co. | those of my employer. |
****
Internet: dpbaker@lilly.com

Date: 30 Aug 1995 19:25:03 GMT
From: Harry Salvini <hgs@wdl1.wdl.loral.com>
Subject: 2m/70cm Handheld Reccomendations ?

David M. Comer wrote:

..looking to purchase an 2m/70cm handheld.

To which Walt Johnson replied:

> ... My rationale [for getting a W31]:
>
>1) ... lighted keypad
>2)□□□ ... fifty memories for each band
>3) ... keypad
>4) ... accessories

I got a 31 for the same reasons as Walt (I don't know him, he works
for another division of Loral).

I also got a IC-2341H for use as a local repeater in the parking lot
outside of our building. The building has this mylar on the windows
and blocks most of the radio signals (but not the heat during the
summer) :-(Having this combo allows me to talk to my wife who works
about 25 miles away. We're both using a repeater 1/2 way in between.

I have really come to love the 31. It's been in the seat of my dirt
bike (wrapped in a towel and plastic baggie), with the ICOM heaset
mike (don't remember the model number). It's also been on the back

of my bicycle, with it's rubber duckie antenna. This last one got
us out of a jamb, when we were lost on a camping trip. My wife was
able to talk us back into camp, using tall ridges/trees.

It's been used by the local sherrif when we were camping and there
were some kids lost, (he's studying to become a ham too now).

It had the mods done for out-of-band receive (haven't done the
transmit yet). Can receive 50Mhz - 700.95Mhz.

It's pretty easy to use, and seems to fit the bill just fine.

```
+=====================================================================+
| hgs@wdl.loral.com (KB6VMQ) | Happily married with 2 Kids! -+-|
| Loral doesn't have a single | A newbie Quinnatic (DQMW) | |
| thing to do with my opinions. | HAM, Dirtbikes, Kids, Camping | |
| ...you mean this isn't working? | K-LOVE - 100.9/99.3/91.9 FM |
+---------------------------------+---------------------------------+
```

Date: Tue, 29 Aug 1995 10:55:24 GMT
From: abernat@metronet.com (Bill Abernathy)
Subject: CommSpec ts32 encoder/decoder doc

I have a comspec ts32 ctcss encoder/decoder in my possession, but not
doc. Could someone please help me get the doc, either via fax or a
phone number to Communications Specialists ? Many thanks in advance.
73 de Bill, kd5lu.

```
-------------------------------------------------------------
abernat@metronet.com - Bill Abernathy
-------------------------------------------------------------
```

Date: 30 Aug 95 14:02:00 GMT
From: cowanr@isma8.monmouth.army.mil
Subject: Do Equipment Manufacturers Care?

For what its worth.
I have never had ANY trouble out of TENTEC or Cushcraft.

73, Roland WF4P

Date: Tue, 29 Aug 95 11:37:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: Does anyone know of where

Subject: Does anyone know of where I can get a battery cover plate fo

>>I would like a battery connection cover plate for my HTX-202...

Look for the Icom one --- I am holding one in my hand right
now, but there's no catalog/part number on the darned thing.

Clint Bradford
---
* TLX v4.00 * A feature is a bug with seniority.
~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

Date: 29 Aug 1995 02:52:32 GMT
From: timsaw@ibm.net (Tim Sawyer)
Subject: Do the manufacturers give a damn?

>We try to check email every day but, we travel
>around the country doing 3-4 shows a month so sometimes it takes 2-4
>days for a response. Someday in the future we will have people full
>time taking service questions via email.

Kevin,

We'll just have to get OS/2 running on that laptop of yours so that you
can check you mail every day! <g>

- Tim -

Date: Tue, 29 Aug 95 03:51:36 GMT
From: nj0m@primenet.com (John S. Hill)
Subject: Do the manufacturers give a damn?

We're not one of the "Big 3" manufacturers and perhaps that's why we
do give a damn. My name's John Hill, my call's NJ0M and I'm the
Product Engineer at Timewave Technology. Our Internet support will be
on line soon. In the mean time, you can call me at 612-452-5939, fax
me at 612-452-4571, or email me at nj0m@primenet.com, if you need
technical support. 73 and C.U. in the Pile-ups...John, NJ0M

Date: 30 Aug 1995 13:20:17 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: Drake TR-33c?

In <41vvum$g4s@detroit.freenet.org> am024@detroit.freenet.org (Robert
Thomas Jackson) writes:
>
>
>I have an oppurtunty to purchase a Drake Tr-33c. I know it's 2
>meter, but is it FM or SSB/CW? or both? The kid selling it has NO
>idea what it does. Give me some info! Power, modes, controls?

I owned a TR-33 right after they first came out. It is FM only, and I
do not remember the exact power, but it is only a couple of watts. It
is xtal control, but uses only one xtal for the repeaters. You buy the

xtal for the receive freq (i believe) and the radio has the ability to
offset that for xmit. I liked the radio, but then I also like the
TR-22. Wish they would sell something like that again.

Regards,

Duffy - WB8NUT

Date: 29 Aug 1995 14:15:24 GMT
From: kilgore@wichita.tivoli.com (Jeff Kilgore)
Subject: Extended Rcv on FT51r?

In article <wright-2808951722480001@dal37.onramp.net>, wright@onramp.net (jeff wright)
writes:
|> I Just changed the line in win.ini to a "1", and was able to load in out
|> of band frequencies for receive. But, when I tried to listen to local
|> radion stations in the FM band, I got nothing. Any ideas?
|>
|> Jeff Wright
|> wright@onramp.net
|>
|>
|>
|>
|>
|>
|>
|>
|> In article <41r6q1$35d@umcc.umcc.umich.edu>, lbutler@umcc.umcc.umich.edu
|> (Les Butler) wrote:
|>
|> > In article <41h0g9$94n@maureen.teleport.com>,
|> > Max Sabo <tigger@jcomm.uoregon.edu> wrote:
|> > >Someone posted here a few weeks ago a software mod for this radio using
|> > >the software program that was written for it. He said that all you need
|> > >to do is change the line allowanyfrequency=0 to allowanyfrequency=1 in the
|> > >win.ini file (the line should be under a section toward the end of the
|> SNIP
|>
|>
|> > It works fine....
|> > Les
|> >
|> > --
|> > Les Butler KB8WKE....
|> >

Jeff,

I don't have an FT-51R, but I suspect you cannot hear stations in the FM broadcast band because FM broadcast signals use 75-kHz deviation, as opposed to the 5-kHz deviation used for amateur NBFM signals. Unless there is a separate filter for the broadcast signals, you won't hear anything.

73,
Jeff, KC1MK

Date: Tue, 29 Aug 1995 20:01:27 GMT
From: sean@allison.demon.co.uk (Sean Allison)
Subject: For sale in UK....

Hi

Business forces sale!!!!

I have a Yaesu FT411 2M FM handheld, Nicads, Baycom Modem, Rotator with extended bearing, 2M 2 ele beam and a 'Javelin' dipole - oh yes and a boat load of 50 Ohm Thickwire Ethernet Coax. Sell as complete lot for #150. Please E-Mail me if interested - Thanks.

Sean G6RNR
E-Mail Sean@allison.demon.co.uk

Date: 30 Aug 1995 17:47:35 GMT
From: David Atias <atias@eldor.co.il>
Subject: FT-211 Front panel Scheme

Hello there,
I need FT-211 front panel scheme . I'll appreciate if you can send me this by mail or FAX.
Thanks
David Atias

Fax : 972 3 491275

4x4cg
POB 410 zip 55000 ISRAEL

Date: 30 Aug 1995 07:41:22 GMT
From: "James A. Storm" <jastorm@ix.netcom.com>
Subject: Ham Logginf Software

As a follow-up to my endorsement of Hyperlog, the BBS number is (404) 844-9023.

73, Jim WB6LWS in Pacifica, CA

Date: Tue, 29 Aug 1995 01:48:07 GMT
From: eengel@eskimo.com (Ed Engel)
Subject: IC-706 Any Feedback?

dhinch@cello.gina.calstate.edu (David L. Hinch) wrote:

>I just saw the ad in the new QST for the IC-706. Has anyone seen one and
>had any experience with it? Looks pretty interesting. Any info on
>the pricing? Thanks in advance.

>73 Dave KE6MYC
>--
Got this off CIS tonight. It was posted by someone from Icom support:

**** ICOM America, Inc has annonced to dealers on August 25, 1995
****

We expect to start shipping the IC-706 to the dealers on
September 27 - 29, 1995.

The following is a listing of retail pricing for the IC-706 and some
accessories.

IC-706 Transceiver $ 1560.00
CR-502 High Stablity Crystal $ 76.00
MB-62 Mounting Bracket Main Unit $ 20.00
MB-63 Mounting Bracket Ctrl Panel $ 14.00
OPC-581 3.5 M Seperation cable $ 48.00
OPC-589 8 pin to RJ-45 adaptor $ 28.00
OPC-598 7M AT-180 Extension cable $ 58.00
OPC-599 7 & 8 pin to 13 pin cable $ 48.00
UT-102 Voice Synthesizer $ 59.00

This is all I have pricing for at this time. I will update this list
as
I receive the information.

73' Gary Fiber KF7XV
Icom America, Inc.

Ed Engel N7UQZ
eengel@eskimo.com

Date: 29 Aug 1995 02:46:30 GMT
From: "Howard E. Mullins" <75444.1127@CompuServe.COM>
Subject: I want to buy tubes

I will buy all types of Vacuum Tubes in all quantities from 1 to
12,000 pcs. per part number. Larger quantities in some cases.
Tubes must be New even though they are more than likely old
stock. I also buy some used tubes. Please email to 75444,1127 or
fax your list to 209-266-1254. Thank you

Howard Mullins

--
Howard Mullins
IPD

Date: 30 Aug 1995 15:54:07 GMT
From: perryrt@clark.net (Richard Todd Perry)
Subject: Moving in a U-Haul - Hook up my 2m help?

OK.. I'm (finally) moving out of the Washington DC area and out to Kansas. My wife and I were planning to use our 2m rigs to communicate (simplex, mostly) on the road. I've got a 5w HT that I'm going to rig to a mag-mount 2m antenna and a Yaesu 2400 (and another mag mount) that's in my house right now. I was planning to give the HT to my wife (who will be driving our car). I'm going to be driving the U-Haul truck we rented. Short of running it to the battery, the only way I can think of powering this thing is via the cigarette lighter. My question is: Will it blow up on me? The 2400 puts out 12A at high power, but since my wife will only have 5w at her disposal, I'll probably only be using low (3A) or medium (9A) power.Think this will work, guys?

Thanks in advance!
--
Regards,
R. T. Perry
KF4BAL
GMOO
- The world is divided into two groups of people: Those that own HP's and those that yell "HEY! Where's the equals sign?"

Date: Tue, 29 Aug 95 11:37:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: Opinion on Periphex batte

Subject: Opinion on Periphex batteries

>>Anyone else out there had a good or bad experience with Periphex
>>batteries.

I have had excellent results from all my Periphex batteries.

Write up your experience - cooly, calmly, and accurately - and fax/send it to Periphex. I bet you'll be handled appropriately.

Clint Bradford
... ATTENTION to Details BBS - 909-681-6221 - REACT/GMRS/AMATEUR RADIO
---
* TLX v4.00 *
~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

Date: Mon, 28 Aug 1995 00:39:23 GMT
From: doughall@nando.net (Doug Hall)
Subject: Timewave vs. JPS DSP Noise reducers

russ@gslink.net (Russ Leblanc) wrote:

>Has there ever been a comparison between the Timewave's 59 and the NIR10
>DSP units? The 59 looks to have more controls.

I won't get into the comparison here since I'm obviously biased, but
keep in mind that the top-of-the-line model from JPS is the NIR-12, a
dual-DSP unit featuring two different types of noise reduction -
adaptive peaking *and* spectral subtraction. The NIR-12 was introduced
at Dayton this year. There is a data sheet and a photo on the JPS web
page at
http://emporium.turnpike.net/J/JPS/jps.html
or you can email jps@nando.net and request one.

73,
Doug Hall, KF4KL
JPS Communications, Inc.

Date: Sat, 26 Aug 1995 22:54:06 -0500
From: cmassey@onramp.net (cleve e massey)
Subject: What good is 6 Meters ?

In article <41m0mj$ff3@newsbf02.news.aol.com>, buddy10@aol.com (BUDDY10) wrote:

> I will be getting a kenwood ts-450s/at. I just saw that they have a
> version out with 6m capabilities. What good is 6m ? Is it just another
> 2m band, basically ? Is there some COMPELLING reason to spend the extra
> $200.00 or so ? I REALLY appreciate any help on this !
>
> P.S Just joking about the tone at the beginning !

Read the Sept. QST VHF report by Emil and you will get a great idea of
what can happen on 6 mtrs...and lot's of stations are low power and modest
antennas...but to enjoy 6 you must learn to listen, listen, listen...but
once e skip fever hits you will never be the same...

cleve...wd5bor

(with a new TS-60 and wanting another for the truck)

Date: Tue, 29 Aug 1995 10:53:08 EDT
From: CC015012@brownvm.brown.edu (john 015)
Subject: Where can I get a gel cell battery?

In article <41o4ke$doi@news.sas.ab.ca>, morganp@fn1.freenet.edmonton.ab.ca ()
said:

>Where can I get a gel cell battery?
>suggestions on where to get one?

Most mail-order places have gel-cells but maybe expensive for the
higher quality cells.

I have a large number of new (sealed in package) Gates Cyclons:
48V/8Ah (in a 2"hx11"deepx16"wide steel enclosures), these
be broken down into 12V/8Ah and 6V/8Ah. I also have 12V/5Ah
(individual E cells in a white clam-shell. Can be rewired for
any voltage between 2 and 12 [multiple of 2]).

Datecoded 12-94.

If anyone needs some....

john

Date: Tue, 29 Aug 95 11:37:00 -0500
From: clint.bradford@woodybbs.com (Clint Bradford)
Subject: Yaesu FT-11R Mods Request

Subject: Yaesu FT-11R Mods Requested

>>...extended TX mods for the Yaesu FT-11R...

Date: Wed, 30 Aug 1995 09:26:11 -0700
From: mailfail@ucsd.edu

Date: (null)
From: (null)

This mod gives you extended transmission range on a Yaseu FT-11R.

I have knowledge that this mod works, but take no responsibility for any
damage it does to your radio, the legality of this mod, or any other
incurred damages.

After the mod a FT-11R will have:

Receive: 110.000-135.995 (AM) 136.000-180.000 (FM)
Transmit: 136.000-180.000 (FM)
Empty Memories and a completely reset radio

First, Remove the antenna, battery pack, and pocket clip (if installed)
from the radio. Then remove the four black screws from the corners of
the main section of the radio, the two black screws from the bottom center
section of the main body, and the two silver screws from the bottom of the
keyboard section. Now carefully separate the back and front halves of the
radio, taking care not to put too much strain on the internal ribbon cable,
or loose the small metal strap holder or the battery release button.

Once you have opened the radio, carefully remove the metal plate covering the back of the keyboard. Then remove the "AF" pcboard by first removing the two copper screws in the middle of the board, then holding the bottom of the pcboard and the mic/speaker jacks between your thumb and forefinger and pulling straight up. This may take a little force, as you are separating two connectors. Once you have the "AF" board removed, set it and the connector/keyboard backplane board aside. Now look at the lower left corner of the controller board. You should see the 8 jumpers (they are very small), set up like this:

Top of radio

L A o-o o o E I don't know how the jumpers relate to the
E B o-o o o F ones on the schematic, so the letters are just
F C o o o/o G for reference in this article
T D o-o o o H
"-" means a solder jumper, and "/" means resistor

These are the functions of the jumpers that I know of:
A- Turns your radio into the euro version (TX between 144.000-146.000)
B- ?
C- ?
D- This is the important one. Gives you extended TX range
E- Turns your radio into the 440Mhz version. Not Suggested!
F- ?
G- ?
H- Same as jumper "E"

The only jumper that this mod deals with is "D". It currently has a solder jumper across it. Remove the solder across the jumper with really small solder wick or a desoldering station, taking care not to touch any plastic with your soldering iron. Once this solder jumper is removed, you now have extended tx range. Now carefully replace the "AF" board first, and then the connector/keyboard backplane board. Take care to get the copper grounding connector on the side of the mic/speaker jacks well seated. Replace the two copper screws in the middle of the "AF" board, and the two silver screws on the bottom of the keyboard. Replace the battery eject button and strap holder, and then replace the back half of the radio. Replace a the screws, put the battery and antenna back on, and turn the radio on. You should see 144.000 on the screen. Turn the radio off and the hold the MHZ/\ and MHZ\/ buttons while turning the radio on. You now have the transmit range between 136.000-180.000.
As a suggestion, you can store completely different transmit and receive frequencies in a memory (see manual), so if you store a service frequency in a memory, you can program a legal HAM frequency as the transmit freq. so you never accidentally transmit on an illegal frequency.

Another neat feature that I have found on these radios is the "Clone" feature. You can transfer all memories from one FT-11R to another FT-11R. First, make a cable using two male stereo 1/8" connectors,
and connecting the top(ground) and middle conductors of the plugs straight

through. Don't connect the tip conductors together though. Plug this cable
into the earphone jacks of the two radios, and on each radio, hold down the
"FM" button while turning it on. You should see every character flashing
on the screen. Now, on the radio which you wish to receive the memory
contents from the other radio, press the MHZ\/ button. You should see
"RX CLN" on the screen. Then on the radio which is to send it's memory
contents, press the MHZ/\ button. "TX CLN" should appear on the screen for
about 5 seconds, then it should return to the flashing screen state. The
receiving radio should now be in normal operating mode. Turn both radios
off, and remove the cable. That's it. This function overwrites all of
the receiving radio's mem contents, and copies everything from memories
to pager codes to the status of the light. WARNING: The instant that you
hit the MHZ\/, your memories are GONE, even if the transfer is unsuccessful!
Also, both radios must have the same jumper settings to successfully
complete the cloning process.

~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

Date: Wed, 30 Aug 1995 08:58:44 -0700
From: mailfail@ucsd.edu

End of Ham-Equip Digest V95 #379
****

1565. Re: small size beam, available?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Coen Waasdorp <waasdorp@inter.nl.net>
Message-ID: <IoEESBAbCLTwEwTN@inter.nl.net>
Source record: 212897

In article <X9+bxHA082SwEwIC@inter.nl.net>, Coen Waasdorp
<waasdorp@inter.nl.net> writes
>The space available is limited for putting up an antenna at my location.
>Does a small size beam exist? I am thinking of a size of 2 to 3 sq
>meters in total?
>Any suggestions are appreciated.
>

To All,

Sri, forgot to include it's for 20 meter band.
--
Coen Waasdorp
PA0COE

1566. Re: Best filters for TS850?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDEF4pM.CF4@netcom.com>
Source record: 212898

Do you know a source for the IRC filters?

Thanks.

Herb

Charles J. Hawley Jr. (hawley@aries.scs.uiuc.edu) wrote:
: I have the Kenwood 500's and the 270 and like them. I have heard that
: the 1.8 KHz is a little too narrow. The IRC filters are superior, but
: they are bigger in size and require a little work to get them installed.
: Many people have done it, but I just wanted something neater.

: Chuck - KE9UW

--
herbr@netcom.com

1567. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <42gq72$151g@usenetw1.news.prodigy.com>
Source record: 212899

This whole notion about not selling equipment to unlicensed operators is ridiculous! The only thing you are going to accomplish is the loss of the profit you would have made on the radio!

Consider:

Anyone who wants an amateur radio can get one; they are widely available: inexpensive 2-meter and 440 handhelds can be found at any Radio Shack store. For 10-meters, it's even easier: show me a truck stop that doesn't sell Rangers, Emperors, etc.

Wake up people!! Not selling radios to the unlicensed? Ethical, yes but practical? Not hardly.

-Drew in Charlotte-

1568. Re: Help!...Hallicrafter SX-101A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810278208.8655@pinetree.microserve.com>
Source record: 212900

rfrans@aol.com (Rfrans) wrote:

>I just acquired a Hallicrafter sx101a...80,40,and 20 meters work
>GREAT! But...I can get nothing on either 10 or 15 meters... Is this
>a calibration problem...alignment problem...does anyone have any
>advice for me as to where to start??? Thanks in advance!

Are yous *sure* the problem's in the receiver? Here in NE PA, 15M and
10M are almost completely dead and very quiet.

Just thought I would mention that, in case you're relying on on-air
signals for your tests.

73,

Jack WB3U

1569. Need Info, TRIO - TKMS-4205 UHF radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <42gsp8$306@tilde.csc.ti.com>
Source record: 212901

Hi All, I've come across a UHF radio, a TRIO (Kenwood) TKMS-4205. This is a 5-watt output, single crystal, UHF rig designed for the Japanese Taxi Service. Appears to include built-in CTCSS encode and decode with the microphone-to-ground listening scheme. It is currently operating on 465.150 with a separate TX and RX crystal.

The receiver has an excellent helically filtered front-end, posts sensitivity of about 0.12uV on-the-bench, output tx is 5 watts, and appears as durable as a Motorola (all metal case, super HD bracket, BIG front speaker, 4 watts of audio, etc. etc). and I'd like to convert this to 430 FM for a remote receiver, or packet, or ???.

Question: Any idea of the crystal scheme? A call and several faxes to Kenwood Japan have revealed _NO_ information. JAN had no idea either. Also, probably I'll need to retune the receiver but dont have a service manual.

Anyone know if these were available in the USA or Europe or have more info? Inside datecode reveals about 1984 vintage gear.

Thanks,
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

1570. UK Reciprocal license procedure/am. radio mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: anb@nextstep.com
Message-ID: <anb-0509950254470001@dial-berk1-9.iway.aimnet.com>
Source record: 212942
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,alt.radio.uk,uk.radio.amateur

Two questions regarding my upcoming trip to the UK:

Briefly, could someone outline the basic procedure for which I can obtain a reciprocal license to operate amateur radio in the UK? To whom do I apply, how long does it usually take, and how much will it cost?

In a related vein, I have been told that radios manufactured for sale in the US are not equipped to transmit a tone which opens up repeaters throughout Europe. I own an Alinco DJ-580T handheld dual-band, and I know there is an Alinco DJ-580E which is nearly identical except that it is manufactured for use in Europe. Is there a modification I can perform, or is there an accessory I can buy to make my handheld repeater-capable when I visit the UK?

Please reply via e-mail to: anb@nextstep.com

Thanks very much for your help,
Andy Brandt, KE6SKH

1571. Re: Best filters for TS850?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: "Charles J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <42g5na$iqf@vixen.cso.uiuc.edu>
Source record: 212943

I have the Kenwood 500's and the 270 and like them. I have heard that the 1.8 KHz is a little too narrow. The IRC filters are superior, but they are bigger in size and require a little work to get them installed. Many people have done it, but I just wanted something neater.

Chuck - KE9UW

1572. FS:Standard Dual Band Mobile C5718

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: ew9186@u.cc.utah.edu
Message-ID: <42g5d4$3lc@news.cc.utah.edu>
Source record: 212944

For Sale: Standard Dual Band Mobile Radio C5718a--less than a year old (actually still under warranty). Only used as base--in almost new condition. Comes with 4 meter extension for remote/microphone, and 200 memory expansion chip. With all boxes, manuals, and originial receipt. asking $599.

Eugene (AA7BH)

Please e-mail to Eugene.Watanabe@m.cc.utah.edu

1573. Re: license renewal?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <42g897$6r0@over.mhv.net>
Source record: 212945

peterg4@ibm.net wrote:
: I have not been active in years, but am getting interested again.

: However, I have just realized that my license expired last December.

: Does anyone know how I might renew it?

: Thanks!

Ah Peter your in luck! There's a 2 year grace period! Send form 610 to
the fcc. The ARRL can send you a form if you enclose a S.A.S.E.

The ARRL
225 Main Street
Newington,Ct 06111

Tom - KB2SMS

1574. Re: license renewal?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: "Darryl Goebel, CCP" <dgoebel@execpc.com>
Message-ID: <42gar7$60c@homer.alpha.net>
Source record: 212946

After you file the form 610, call up this URL every day or two:

http://www.ualr.edu/doc/hamualr/callsign.html

It is a searchable list of all HAM licenses and licensees.
As soon as you see your name posted again with an updated date,
you're legal to get back on the air!

K7TTJ

1575. Re: small size beam, available?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: bkotarsk@gfn1.genesee.freenet.org
Message-ID: <42gdbh$kat@gfn1.genesee.freenet.org>
Source record: 212947

Coen Waasdorp (waasdorp@inter.nl.net) wrote:
> The space available is limited for putting up an antenna at my location.
> Does a small size beam exist? I am thinking of a size of 2 to 3 sq
> meters in total?
> Any suggestions are appreciated.
It would help if you mentioned what bands you plan to operate on.
> --
> Coen Waasdorp
> PA0COE

Where are you located ?/ What Country?? PA0COE ?????

--
ai720@detroit.freenet.org---------- bkotarsk@genesee.freenet.org
sfuxdis@frog.thpl.lib.fl.us----------bkotarsk@freenet.grfn.org
bill.kotarski@cmail.com And Whatever Else You People Call Me
N8JOS--- General Class since 1968 EX-WB8DKR and WN8DKR

1576. Re: WANTED: Any info on pirat

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: atanner <atanner@infi.net>
Message-ID: <42gec7$9r7@allnews.infi.net>
Source record: 212948

As for frequencies, I'd go after two of the most listened to yet not even widely known VHF frequencies. Try 121.5 MHz and 243.00 MHz.

There are a huge number of listeners there and it is the very best place to immediately have an audience.

You might notice that 243.00 is an exact multiple of 121.5 and this is no accident it is called an HARMONIC. The SECOND HARMONIC to be exact so you can transmit on 121.5 with a homebrew kit and stand a very good chance of being heard on both frequencies.

Most listeners will be using AM receivers but you can use an FM transmitter and still generate a LOT of attention to your new station.

1577. FS:Alinco DR-592T dual band mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: hbcsc274@huey.csun.edu
Message-ID: <42gf2g$7d5@nic-nac.CSU.net>
Source record: 212949

Alinco DR-592T dual band mobile radio.
VHF:
144.000 - 147.995 tx
135.000 - 173.995 rx
UHF
440.000 - 449.995 tx
410.000 - 469.995 rx

VHF
5-10-45 Watts
UHF
4-8-35 Watts

DTMF Mic
CTCSS Encode
28 memories
Cross Band Repeater
DTMF Squelch
And all the other standard features.
Prefer to sell in LA area (Canoga Park).
$425 obo (paid $540 just over a year ago).
Buyer pays shipping costs if any.

Email jwang@huey.csun.edu or call 818-882-0101
Jerry Wang (KE6UUX)

1578. Re: WANTED: Any info on pirat

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: atanner <atanner@infi.net>
Message-ID: <42geln$9r7@allnews.infi.net>
Source record: 212950

An afterthough to the wannabe pirate.

I do hope you realize my post was all in fun. Don't even THINK of transmitting on either of those two frequencies!!!! Oh, my God, yes you WILL have an audience but NOT the kind you would care for.

And pirate radio of any sort is ILLEGAL!!!

The FCC has very sharp teeth indeed. I suggest you forget the whole idea.

1579. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-05 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810278901.8655@pinetree.microserve.com>
Source record: 212951

jjmartin@world.std.com (Jim Martin) wrote:

>If there is NO law stating that a person must be licensed in order to
>purchase a transmitter...then there are no legal grounds for refusing
>to sell.

Sure there are. The property belongs to him and the fact it's present in his storefront doesn't give anyone the right to take it without his permission, whether they pay him for it or not. As the owner of the property, he has every right to determine the exact conditions under which he's willing to part with it, whether it's price, terms, use or anything else. What moral grounds whould you propose in forcing him to do otherwise?

>(I'm not an attorney....just using common sense...and I sell amateur
>equipment to unlicensed individuals all the time.)

That's too bad. Most of the dealers I've known had higher standards.

73,

Jack WB3U

1580. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: jdb99@ix.netcom.com
Message-ID: <42l0is$4op@ixnews7.ix.netcom.com>
Source record: 212702

In <baptpdcDEH309.A68@netcom.com> baptpdc@netcom.com (Bruce A. Pope)
writes:
>
>
>>:> Now we did not go so far as to say you cannot but a 2M FM rig
>>:>because you only have a Novice ticket..No..If you held a license
you
>>:>could buy anything in the store...no license...receiving gear only.
>>:>We were sued by two people who wanted to buy 440 HT's....They
>>:>lost.
>
>Now there's a brilliant idea. I guess a novice is more "qualified" to
>own a transmitter that transmits in the Advanced class bands than a
>SWL...

Yep. he sure is... He has a stake in following the regulations.
Violate them, risk loosing his license as well as being fined..
A lot of hard work and effort went into getting that license...
Few will risk loosing it..
An SWl has no risk othe than a fine...He has no license to
loose.

>Although I realize the rights of business owners to make up their own
>rules, I exercise my right to go elsewhere whenever I hear policies
>like this from ham stores. Having experienced it before I was
licensed
>(buying a TNC, not even a transmitter...), you won't find me spending
>my hard earned cash around those places now that i'm "allowed".

You would have been allowed to purchase all the non-transmitting
equipment you wanted in our store...
In the 20 years I owned the store, until my partner died, we lost
only 4 sales because of our policy..
2 people sued us and lost...
2 people bought gear from the place that sends out those
nice slick catalogs with locations in several places..
They were caught, fined, and lost all their equipment
to the FCC....who later auctioned it off to "Licensed Amateurs"
only...

1581. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810419927.9162@pinetree.microserve.com>
Source record: 212703

baptpdc@netcom.com (Bruce A. Pope) wrote:

> . . . you won't find me spending my hard earned cash around those
>places now that i'm "allowed".

Then I assume you won't complain the next time an illegal CB'er
clobbers you on 10M with the gear he bought from the dealers you
patronize?

73,

Jack WB3U

1582. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810420527.9162@pinetree.microserve.com>
Source record: 212704

steve.sims@totrbbs.radio.org (Steve Sims) wrote:

>The argument is probably overly weak in this case because of two
>reasons. 1) Radio equipment does not fall into the category of a
>socially determined need.

When needs and laws are determined for "social" reasons rather than
the preservation of easily recognized individual rights, we have
ceased to be a free society.

>2) There ARE vendors who do sell to unlicensed persons.

Immaterial, and the case isn't just weak, it's morally bankrupt. The
vendor owns the equipment and it is his property to do with as he
pleases.

Pass a law that prohibits this, sue and convince a jury he is wrong,
and you have merely proven once again that the U.S. has ceased to be a
free country.

Is anyone else tired of this concept that every member of society is a
victim at the hands of buisiness, and that every hardship must be
someone else's fault?

73,

Jack WB3U

1583. Re: Best filters for TS850?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: "Charles J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <42j6oj$ri2@vixen.cso.uiuc.edu>
Source record: 212705

International Radio and Computer, Inc
3804 South U.S.#1
Fort Pierce, FL 34982
407-489-0956 Tue thru Fri, 10 to 5

Chuck, KE9UWherbr@netcom.com (Herb Rosenberg) wrote:
>Do you know a source for the IRC filters?
>
>Thanks.
>
>Herb
>
>Charles J. Hawley Jr. (hawley@aries.scs.uiuc.edu) wrote:
>: I have the Kenwood 500's and the 270 and like them. I have heard that
>: the 1.8 KHz is a little too narrow. The IRC filters are superior, but
>: they are bigger in size and require a little work to get them installed.
>: Many people have done it, but I just wanted something neater.
>
>: Chuck - KE9UW
>
>--
>herbr@netcom.com

1584. Re: Best filters for TS850?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: "Charles J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <42j6p8$ri2@vixen.cso.uiuc.edu>
Source record: 212706

International Radio and Computer, Inc
3804 South U.S.#1
Fort Pierce, FL 34982
407-489-0956 Tue thru Fri, 10 to 5

Chuck, KE9UWherbr@netcom.com (Herb Rosenberg) wrote:
>Do you know a source for the IRC filters?
>
>Thanks.
>
>Herb
>
>Charles J. Hawley Jr. (hawley@aries.scs.uiuc.edu) wrote:
>: I have the Kenwood 500's and the 270 and like them. I have heard that
>: the 1.8 KHz is a little too narrow. The IRC filters are superior, but
>: they are bigger in size and require a little work to get them installed.
>: Many people have done it, but I just wanted something neater.
>
>: Chuck - KE9UW
>
>--
>herbr@netcom.com

1585. Re: 2meter Handheld for newbie

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: renfah@aol.com
Message-ID: <42k7pq$qdj@newsbf02.news.aol.com>
Source record: 212707

If you are looking for a good 2 meter HT, I would consider Radio Shack's HTX-202. It is a basic radio which won't allow you to receive out of the two meter ham band, but because of this, Intermod is reduced greatly. I have two of them and they perform better on 2 meters than my Icom V21AT's They have all the features you need to use any local repeaters and are fairly rugged. They are on sale now at Radio Shack for $199.00

1586. Comspec ts32 encoder/decoder

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: abernat@metronet.com
Message-ID: <42jsk4$idc@feenix.metronet.com>
Source record: 212708

Can someone share with me (fax or otherwise) the doc that comes with a comspec ts32 ENCODE/DECODER ? I dug one up out of my parts box I want to use, but cannot find the doc as to the connections/configuration for the decode part. At the very least, could someone provide a phone number of Communications Specialists so I might get it from them. TNX and 73 de Bill, kd5lu.

---

abernat@metronet.com - Bill Abernathy

1587. Selling to Unlicensed (was: False Advert

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HUYAQ8LGQA00AT2E@uthscsa.edu>
Source record: 212709

jjmartin@world.std.com (Jim Martin) writes:
<snip>
>...Just because YOU, personally, do not like the idea
>doesn't mean that it is illegal.
<snip>

>Jack, will you please tell me what laws there are prohibiting the sale of
>amateur equipment to non-licensed individuals?
>Just because someone "owns"
>merchandise doesn't give the absolute right to refuse to sell it to
anyone...
>That would open the door to a discrimination lawsuit, don't ya think?

Yes it does. If I own a piece of equipment I can sell or not sell it to
whomever
I wish. Just as a business establishment can refuse service to any
individual or group of individuals as long as there is no "malicious intent
to discriminate." He may also have to prove this in a court of law.

The only law prohibiting the sale of amateur gear to non-licensed
persons in the US is the sale of linear (or otherwise) amplifiers
that are capable of operating in the range of 22-30MHz. It is also
against the law for a non-licensed person to possess such a device.
I personally don't think it is a good idea to sell your rig to a
non-licensed
person that you don't know. However I have sold equipment to unlicensed
people that I know who are now hams.

That's it.

non-licensed or unlicensed => no ham license for you legalistic types.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

1588. Re: HF tranciever vs reciever's for audio quality

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DEHppH.569@iglou.com>
Source record: 212710

NO ..The main reason is due to the narrow bandwidth of the AM filters in the transceivers. If you want high quality audio you may have to install an optional 6kc wide AM filter in your IF stage. Transcievers were not designed for hi-fi rather they were designed for sharp selectivity in both the IF and AF stages. Usually the audio rolls off at about 3kc making them sound rather dull for music anyway. Usually, even cheap shortwave radios can sound better than the megabucks ham rig.
--
Steve
n4lq@iglou.com

1589. Re: Need Advice: Best PC for HF digital?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DEHq00.5E0@iglou.com>
Source record: 212711

Get one with a metal cabinet. I've used old IBM ps-2's and they are
pretty quite. Keyboards can radiate a lot of hash. Be sure it has a well
shielded cable etc. Processor speed doesn't make much difference because
your I/O speed is only 9600 baud anyway. An 8088 will even work fine.

Mparkes (mparkes@aol.com) wrote:
: I want to buy a PC to use with HF/VHF digital modes (amtor/pactor/Clover
: using the HAL P38 board...slow scan...whatever). What is the best
: kind/brand to get? 486's seem pretty reasonable now. Any particular ones
: more "quiet" than others? I have always used Macintosh and don't know much
: abt the PC realm. All input is welcome. 73's Mike KS4DA
--
Steve
n4lq@iglou.com

1590. Re: Info and Speakers for the TS850S?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DEHpu0.5Bp@iglou.com>
Source record: 212712

Bad idea. The 850 speaker will enhance the resale value of your radio.
Stick with the proper one. The sound difference wont matter. If you want
good sound then you need to get a large HI-FI speaker.

Herb Rosenberg (herbr@netcom.com) wrote:
: I have just purcased a Kenwood TS-850S. THe recommended matching speaker
: for these radio is the SP-31.

: However, I like the appearance of the SP-950 a little better. IT looks
: like the SP-950 is a litle larger in height compared to the TS-850. SO,
: other than the size, and probably the price, is there any differnce and
: or advantages of the SP-950 over the SP-31 for use with a TS850S?

: Thanks and 73's.

: Herb - KG6OK

: --
: herbr@netcom.com
--
Steve
n4lq@iglou.com

1591. AEA PK-232MBX & Yaesu FT-736R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: kory@avatar.com
Message-ID: <42klmo$sjg@avatar.avatar.com>
Source record: 212713
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

I have a AEA PK232 TNC and a Yaesu FT-736R rig. The 736 has data in/out jack for TNCs. This method bypasses the FM modulaters pre-emphasis and de-emphasis circuits. Its suppose to be better, unless the TNC already compensates for this, in which case it would be worse. The Yaesu manual states that most TNC-2 clones already do the compensation and I believe the PK232 is a TNC-2 clone. I've been trying for two days now to call AEA and ask them this question, but the tech support lines are *constantly* busy.

The main reason that I want to hook up my TNC this way is that I don't have to plug/unplug the TNC and Mic and Speaker jacks. I know I can buy a switch box from MFJ, but then thats two more gadgets that I really don't need.

Thanks,
Kory
KE6VWO

1592. Alinco DR-610T Mods Needed, Please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: llu10@roanoke.infi.net
Message-ID: <42l46b$gfr@allnews.infi.net>
Source record: 212714

I have recently purchased an Alinco DR-610 T and would like to know if there are any modifications to extend rx. (800mhz ?)

Thanks in advance for any help.

1593. NEED CTX CM1571 SCHEMATIC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: n0dh@comtch.iea.com
Message-ID: <42lc0c$gnb@krel.iea.com>
Source record: 212715

Help

I need a schematic diagram for a CTX model # CM1571 color monitor.

The smoke leaked out of mine and it no longer works, as a result my computer logging and packet interface (computer) are unusable. SAMS doesn't have a photofact on it. CTX wants $131 (no kidding not a typo!), for a service manual (and you guys thought the kenwood manuals were expensive!) Even if I was desperate enough to buy one at that price they are out of stock. The girl in parts said it is one of their biggest sellers (says a lot about the reliability of CTX monitors). My Scotch ancestry compells me to try and fix the beast before shelling out $300+ for a new monitor ~8>).

Within reason I would be glad to defray your repo and mailing costs

Tnxs
N0DH/7
n0dh@comtch.iea.com

1594. Re: Radio Shack 2m HT - Is it a good by for the price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: norder@scan.mc.xerox.com
Message-ID: <NEWTNews.810409555.22059.norder@stockholm.is>
Source record: 212716

In article <41jaih$n9c@ns1.usa1.com>, <hdc@netmetro.com>
writes:
>
>
> I would appreciate your comments on the Radio Shack 2m
Handheld . . .
>
>
>
SERIOUSLY consider one of the smaller and equally featured
handhelds from Kenwood or others. I have a Kenwood TH22AT
which is about half the volume of the RS rig --- truly
shirt-pocket size. Price shop the mail order houses listed in
the back of QST or other ham mags. Especially note any place
that is advertising a 2-day or so "Kenwood days" sale, which
saves even more money. I paid $230 (in the spring of '95) for
my TH22AT, no shipping charges, no sales tax. Compare that to
a RS on sale for, say, $189 + 6-8% sales tax and some (like
me!) would ask why you would want the RS unit.

But, each to his own, and one thing that's hard to beat with
the RS stuff: just about every county in the country has a RS
store. You can go there tonight and bring one home!

73

Paul - KB2TJS

1595. Re: Alinco DR-610T Mods Needed, Please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <42lj4s$a1v@newsbf02.news.aol.com>
Source record: 212717

In article <42l46b$gfr@allnews.infi.net>, llu10@roanoke.infi.net (llu10) writes:

>I have recently purchased an Alinco DR-610 T and would like to know if there
>are any
>modifications to extend rx. (800mhz ?)
>
>

I would have to guess not. I have it's predecessor, the DR600T, and I must have bought one of the last ones before they changed the radio. A buddy of mine bought the same thing (so he thought) a couple/three months later, and it was marked DR600T/B. This 'upgraded' radio had the 800 MHz front end parts deleted. Other than that, it was the same.

1596. PRE-AMP WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: jimp911@aol.com
Message-ID: <42lfpg$8nu@newsbf02.news.aol.com>
Source record: 212718

Looking for a low band preamp for 80 & 160 meters. Interested in
something like the Ameco HF preamp or something similar.

Please reply here with info, price etc.

Thanks & 73

Jim KC1SJ
JimP911@aol.com

1597. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <42lkkj$ale@newsbf02.news.aol.com>
Source record: 212719

In article <810420527.9162@pinetree.microserve.com>,
jackl@pinetree.microserve.com (WB3U) writes:

>Is anyone else tired of this concept that every member of society is a
>victim at the hands of buisiness, and that every hardship must be
>someone else's fault?
>
>73,
>
>Jack WB3U

Boy, I lost sleep over that. I'm gonna sue you for violating my rights to
sleep.

1598. Re: WANT GE PA TO HAM INFO

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: no6b@no6b.jpl.nasa.gov
Message-ID: <1995Sep6.200432.2199@llyene.jpl.nasa.gov>
Source record: 212720

In <42f1e1$bvo@clue.callamer.com>, ipham@biggulp.callamer.com (SLO County Amateur Radio) writes:
>Looking for any info regarding GE Mastr II PA's and using on ham band.
>The PA's that I have (460 Mhz 40 & 100W) just won't put out rated power
>when used on 440 Mhz and act rather erratic. Is there a simple procedure
>to bring power up or need I change all the capacitors? Thanks for any
>info here or to stevew7azf@aol.com.
>
>
>--
>SLO County Amateur Radio

I have converted several GE MVP, Mastr Exec II & Mastr II 450-470 MHz mobile units to amateur repeater service without any modifications to the RF PA. The only problem I have run into is cooling, particularly with 35 W & higher units. I have also had problems with 35 W PAs 'melting' at the collector fin of the final transistor. In one PA I was able to fix this by replacing the transistor. I have also had problems with 35 W Mastr Exec IIs at the main radio connector: the PA power pins would build up a small resistance, overheat & char, leading to eventual power circuit breakage at the connector.

In general, the 20 W PAs are rock solid, & the 35 W & higher can be made to work but they need a little TLC. Your specific case sounds like a flaky final transistor.

1599. Need S-38C Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: jimp911@aol.com
Message-ID: <42lfom$8na@newsbf02.news.aol.com>
Source record: 212721

Need a copy of the manual for a Hallicrafters S-38C. I will reimburse
all postage and copying costs to whoever helps me out.

Thanks & 73

Jim KC1SJ
JimP911@aol.com

1600. Good bye

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: dnorris@gn2.getnet.COM
Message-ID: <199509062341.QAA07024@gn2.getnet.com>
Source record: 212722

I rcvd 1.2 megs of worthless crap from the ham equip digest today. thanks
but no thanks.

wat a bunch o' junk

```
////////////////////////////////////
/ K7NO /
* ideas expressed here are mine BUT *
* U shud consider just how correct *
* they are! *
/ dnorris@getnet.com - 71572.2126 CIS /
//////////;-)//////////////////////////
```

1601. Kantronics Rock Hound

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: John Shuster <shuster5647@delphi.com>
Message-ID: <BnFhkf8.shuster5647@delphi.com>
Source record: 212723

I picked up a Kantronics rock hound QRP unit. It has a 40 meter novice band crystal, a key jack, and a female RCA jack marked "antenna". Where do I attach a power supply? I called Kantronics and the only help they could give me was to say that they stopped making it in 1976. Makes me want to buy one of their TNC's...8^(.

Any help appreciated.

John in Seattle KC7CKP

1602. Re: Change WBFM to NBFM????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: mcduffie@unlinfo.unl.edu
Message-ID: <42it32$s9s@crcnis3.unl.edu>
Source record: 212857
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

Jim Strohm <jstrohm@blazer> writes:

>Most of these miliary rigs can be "converted" to NBFM by placing a series
>resistor in the mic audio line. This provides a lower amplitude to the
>modulator, and hence reduced deviation. Start with a 5K pot and a deviation
>meter, and see if this works for you. If all is well, install a
>fixed-value resistor in the mic.

>Jim N6OTQ

While you can "get by" with this method, it is a very poor one. Two
things are being ignored. By dropping the audio input, you will never
reach the level where clipping or compression begins and will lose
considerable average level. Second, you are doing nothing to narrow
the receiver to the expected signal. Adjacent channel problems
can/will come up, as well as poor audio recovery from the received
signal.

Installing narrow IF filters and changing a few components in the
detector circuit, can improve the situation considerably. In some
cases, you might be able to just turn the deviation pot down on the
transmitter and get by with it.

Gary

1603. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: azoth@netcom.com
Message-ID: <azothDEGnpo.744@netcom.com>
Source record: 212858

I heard Dan Brown (danb@a.crl.com) say:

: A basic rule of contract law (which includes sales) is that both
: parties enter the transaction willingly, so if the seller doesn't want
: to sell to the prospective buyer, no sale.

No future in that, OM. We absolutely MUST be allowed to shove our sorry moral imperatives down the throats of all and sundry, just as we MUST make every individual responsible for the actions of every individual, EXCEPT himself. If we don't, the legal _industry_ will collapse. };-]

73 de RF B

1604. Re: Found Radio in Road

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: garyk9gs@solaria.sol.net
Message-ID: <42j85d$1a4@hummin.sol.net>
Source record: 212859

J.Fitter BV/N0IAT (fitr%mimi@magic.itg.ti.com) wrote:

: Steve, Afraid I've no idea about that radio but interesting story. Your wife is to be
: complimented, as most ham wives would narry stop the car, get out, and retreive a radio.

My wife would have left the radio in the road, backed up a few hundred
feet, gunned it and hit it again. Then she would have stopped, turned
around and hit it again!

: What's the secret?
: Cheers - n - Beers,
: Joe

73,
Gary K9GS

--

____
| |
| Gary Schwartz K9GS E-Mail: garyk9gs@solaria.sol.net |
| Society of Midwest Contesters Packet:K9GS@WA9KEC.WI.USA.NOAM |
| Greater Milwaukee DX Association Secretary/Treasurer |
|____|

1605. What's it Worth - Cubic Astro 150

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: warrickc@community.net
Message-ID: <42j4hf$n0t@odin.community.net>
Source record: 212860

I've been out of the country for the last three years and have lost touch with reality. Does anyone know what a Cubic Astro 150 is going for. I own one I thought I'd sell, but have given up based on what I heard at the Livermore hamfest last weekend.

Appreciate any info.

73's

Cliff

1606. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <42j8p5$20m@news.halcyon.com>
Source record: 212861

In article <810278901.8655@pinetree.microserve.com>, jackl@pinetree.microserve.com (WB3U) says:
>
> jjmartin@world.std.com (Jim Martin) wrote:
>
>>If there is NO law stating that a person must be licensed in order to
>>purchase a transmitter...then there are no legal grounds for refusing
>>to sell.
>
>Sure there are. The property belongs to him and the fact it's present
>in his storefront doesn't give anyone the right to take it without his
>permission, whether they pay him for it or not. As the owner of the
>property, he has every right to determine the exact conditions under
>which he's willing to part with it, whether it's price, terms, use or
>anything else. What moral grounds whould you propose in forcing him
>to do otherwise?
>
>>(I'm not an attorney....just using common sense...and I sell amateur
>>equipment to unlicensed individuals all the time.)
>
>That's too bad. Most of the dealers I've known had higher standards.
>
>73,
>
>Jack WB3U

Don't have a false sense of security here. Fisherman among others use the amateur bands all the time, Unlicensed, and with scramblers installed in the amateur radios. many boats have radio direction finders that are far better than the typical amateur with his fox hunt gear.
The amateur bands are more private than the VHF marine radio frequencies for charter boat fishing. How ever they also use
the so called " private channels " in the marine VHF radio frequencies.
Hang gliders also use the amateur bands and usually have the radio modified to use them on 151.625 MHz. The amateur transceiver is cheaper than the correct commerical two way radio. There is a very good scrambler company who can install one of their scramblers into most any amateur radio transceiver. The point is amateurs take advantage of the out of band coverage todays radios offer, while others take advantage of the extra frequencies the modified amateur radio s offer, amateur bands and all.
It's a two way street out there today. Many non amateurs use modified amateur transceivers for business band operation, legal or not.

Get into the Amateur radio business some time, and you will have a big eye opener.

Gary

1607. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12505.12.uupcb@totrbbs.radio.org>
Source record: 212862

AZ>: A basic rule of contract law (which includes sales) is that both
AZ>: parties enter the transaction willingly, so if the seller doesn't want
AZ>: to sell to the prospective buyer, no sale.

And if whites don't want to sell food to the blacks, then I guess they
the above rule means that the blacks are gonna starve. Laws can not be
treated as absolute so long as just minds prevail. I believe that the
person who claimed that denying sale of goods to unliscensed persons was
unjust had a point, so long as we realize that in this example, the
reason that the denial was made was that the seller was trying to impose
laws on the purchaser that did not as then exist. (However, there must
be other reasons that denial of the sale could be justified.)

The above basic rule does not speak about all areas of conduct. There
is behavior that society does not consider reasonable. The argument is
probably overly weak in this case because of two reasons. 1) Radio
equipment does not fall into the category of a socially determined need.
2) There ARE vendors who do sell to unlicensed persons.

. OLX 2.1 TD . All hope abandon, ye who enter messages here.
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1608. MANUAL WANTED: Yaesu FT-5200 FM Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: cd529@FreeNet.Carleton.CA
Message-ID: <DEGtA1.FEz@freenet.carleton.ca>
Source record: 212863

I would like to obtain either an original or photo-copy
of the owners manual for a YAESU FT-5200 Dual Band FM
Transceiver. I will pay costs.

Thank you
Mike Parent
KD4DIO/VE3UWC

1609. MANUAL WANTED: MFJ-1278 Multi Mode Data Controller

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: cd529@FreeNet.Carleton.CA
Message-ID: <DEGtC2.FKL@freenet.carleton.ca>
Source record: 212864

I would like to obtain either an original or photo-copy
of the owners manual for a MFJ-1278 Multi-Mode Data Controller.
I will pay costs. Thank you..

Mike Parent
KD4DIO/VE3UWC

1610. Re: Old German Vacuum Tube WTB

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: rickc@eskimo.com
Message-ID: <DEH0rt.MpC@eskimo.com>
Source record: 212865
Cross-posted to:
rec.audio.marketplace,rec.audio.pro,rec.music.makers.marketplace,rec.radio.amateur.equipment,rec.video.production

jeff Kloth (75202.646@CompuServe.COM) wrote:
: VF-14 tube used in Germany 1940s and 50s. Hard to find. Used or
: in box. I need it!!!!
: Call collect: Jeff 312-644-4300 Days FAX 312-644-4301

: --

Try calling Jerry Graham, at G-Prime in NYC. If they don't have any,
he'll most likely know where there are.

--rick chinn

: JPK

1611. Re: Change WBFM to NBFM????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: Jim Strohm <jstrohm@blazer>
Message-ID: <42kfv6$co@unisql.unisql.com>
Source record: 212866
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

In my defense, I suggested a 0.02 fix on a $20. rig.

If you want a 25-year-old military surplus rig to work like a $900 1995 rig, you can do it. But it's going to cost more than $900 if you figure your time as worth more than minimum wage.

A speech processor (properly adjusted) is useful on any rig. There's no telling what condition the existing audio shaping circuitry is in on a surplus rig that's old enough to vote. Getting the deviation down to where the rig can be heard and understood on the air is the first step. Better receiver filtering is esssential as well -- but you can buy a superior one-chip FM receiver from Moto for $3. Do you want to go through a varnish-laden IF chain to get a couple more dB when you can go to Radio Shack and buy 20 dB and a hamburger for $5?

I am a strong proponent of CHEAP test lash-ups that provide a go/no-go initial test on surplus gear. It saddens me when people spend hundreds of dollars testing and tweaking a tin-can radio when they could have put a nickel bandaid on it, had some fun, and put the money toward a nice rig -- either a modern rig or a classic that's worth the time and money.

BTW, is there any place in the country where there's enough 6 meter traffic for adjacent-channel rejection to be a factor?

Jim N6OTQ

1612. Search spare part for wideband amplifier ZHL-1042J

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: bohl@sp056.cern.ch
Message-ID: <bohl.810382995@rscernix>
Source record: 212867

Dear colleagues,

does anybody know what type of transistor is used in the final
stage of the Mini Circuits wideband amplifier ZHL-1042-J ?

Mini Circuits does not make spare parts available for this
amplifier. A new amplifier costs about USD 500.

Until now I just got one useful info. It was Mike, KD4QDM, who
told me that the transistor is probably a GaAs FET from Avantek.

Does anybody know more ?

73 de Thomas, F5SWE
Th.Bohl@cern.ch

1613. Re: Best filters for TS850?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: "Charles J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <42j6o7$ri2@vixen.cso.uiuc.edu>
Source record: 212868

International Radio and Computer, Inc
3804 South U.S.#1
Fort Pierce, FL 34982
407-489-0956 Tue thru Fri, 10 to 5

Chuck, KE9UWherbr@netcom.com (Herb Rosenberg) wrote:
>Do you know a source for the IRC filters?
>
>Thanks.
>
>Herb
>
>Charles J. Hawley Jr. (hawley@aries.scs.uiuc.edu) wrote:
>: I have the Kenwood 500's and the 270 and like them. I have heard that
>: the 1.8 KHz is a little too narrow. The IRC filters are superior, but
>: they are bigger in size and require a little work to get them installed.
>: Many people have done it, but I just wanted something neater.
>
>: Chuck - KE9UW
>
>--
>herbr@netcom.com

1614. Re: WTB: Yaesu FP 800, SP 6

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: aa657@FreeNet.Carleton.CA
Message-ID: <DEGK4F.2uK@freenet.carleton.ca>
Source record: 212869

Ken Wilde (N1TVR@msn.com) writes:
> I am looking to buy the Yaesu FP 800 power supply and the SP 6
> external speaker. If anyone has these please email me.
> Thank You
> n1tvr@loa.com

Ken: Do you know if there are Yaesu agents in the Ottawa area of Canada
as I require a 12 volt battery charger a 50 ma/hours for a dual band FS530
Yaesu.

Thank you in advance
--
Regards,
Pat Paterson
OTTAWA, ONTARIO aa657@FreeNet.Carleton.CA
****

1615. Re: UK Reciprocal license procedure/am. radio mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: john.regnault@bt-sys.bt.co.uk
Message-ID: <john.regnault-0609951144440001@mokuyoubi.srd.bt.co.uk>
Source record: 212870
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,alt.radio.uk,uk.radio.amateur

In article <42jkl5$95g@soap.news>, walt@servelan.co.uk (Walt Davidson) wrote:

> David Hough <dave@llondel.demon.co.uk> wrote:
>
> >For disbelievers it *is* possible to open most repeaters by whistling
>
> Or squeaking .....
>

..... and I thought that squeaking was intended to close repeaters down

John G4SWX

1616. Re: UK Reciprocal license procedure/am. radio mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: john.regnault@bt-sys.bt.co.uk
Message-ID: <john.regnault-0609951150240001@mokuyoubi.srd.bt.co.uk>
Source record: 212871
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,alt.radio.uk,uk.radio.amateur

In article <19950906.085639.71@ajl-elec.ajl-elec.demon.co.uk>,
g6fgo@ajl-elec.demon.co.uk wrote:

> > >For disbelievers it *is* possible to open most repeaters by whistling
> > >
> > Or squeaking .....
> > >
> >
> No No! Squeaking is what shuts the repeater down again!
>

Woops loks like we have a "repeater" situation.... better move to 12.5KHz
quickly !!!!!

John G4SWX

"I wonder if I ought to stand for RSGB council this year ?? "

1617. Info on HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: bv869@FreeNet.Carleton.CA
Message-ID: <DEHG0G.JH2@freenet.carleton.ca>
Source record: 212872

The RS HTX-212 (2m mobile) is on sale locally, and some of us are
thinking of purchasing, since the price is good.

We're looking for comments from anyone who has had an opportunity to
use one for a while. Notably...
- intermod; how well do they reject spurious frequencies?
- how well do they operate? (ease of use of controls etc)
- any flaws that have been noticed?

Thanks in advance for responses
Gerry

--

Gerry Wall bv869@Freenet.Carleton.CA || VE3OFT

1618. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: baptpdc@netcom.com
Message-ID: <baptpdcDEH309.A68@netcom.com>
Source record: 212873

>:> Now we did not go so far as to say you cannot but a 2M FM rig
>:>because you only have a Novice ticket..No..If you held a license you
>:>could buy anything in the store...no license...receiving gear only.
>:>We were sued by two people who wanted to buy 440 HT's....They
>:>lost.

Now there's a brilliant idea. I guess a novice is more "qualified" to own a transmitter that transmits in the Advanced class bands than a SWL...

Although I realize the rights of business owners to make up their own rules, I exercise my right to go elsewhere whenever I hear policies like this from ham stores. Having experienced it before I was licensed (buying a TNC, not even a transmitter...), you won't find me spending my hard earned cash around those places now that i'm "allowed".

1619. Re: UK Reciprocal license procedure/am. radio mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: walt@servelan.co.uk
Message-ID: <42jkl5$95g@soap.news>
Source record: 212874
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,alt.radio.uk,uk.radio.amateur

David Hough <dave@llondel.demon.co.uk> wrote:

>For disbelievers it *is* possible to open most repeaters by whistling

Or squeaking .....

73 de G3NYY

--
Walt Davidson E-mail: walt@servelan.co.uk
100523.1414@compuserve.com

1620. Re: TM742A 1.2 transmit problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: rodell@netcom.com
Message-ID: <rodellDEHJ2G.I7H@netcom.com>
Source record: 212875

1) Reset the radio according to the instructions in the manual. You hold down one of the keys and turn power on. I don't have a manual here at work, but it is in there.

2) How do you know it isn't transmitting? No LCD indication? If you are trying to read it with a mater not rated for the frequency, they may show nothing.

3) Connect a DC Ammeter in line with the radio. If it is not drawing additional current during transmit final transistors are most likely. If it is, there's power going somewhere.

Kenwood has all the parts for those band units you will need. Changing the finals or the driver is tricky - you may want to let them do it if you do not have experience in this area. You can ship them just the band unit for diagnosis, too. I have to tweak mine back on frequency about once every 6-8 months, but the newer units are better, I understand.

--
_/
_/_/ Robert W. Odell (WA2WLH) Voice: (801) 536-4795 _/_/
_/_/ Salt Lake City, Utah,U.S.A. CP-ASEL, AMEL _/_/
_/

1621. Re: GIEHL

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: "Charles J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <42j7gi$sgf@vixen.cso.uiuc.edu>
Source record: 212876

As of Nov, 1993
Jack Giehl
2780 Fairfield Rd.
Loveland, Ohio, 45140
513-683-2676

Chuck, KE9UW

cowanr@isma8.monmouth.army.mil wrote:
>Does anyone have the Email/fax/telephone number for Giehl in Cincinati Ohio.
>
>Thanks
>Roland WF4P
>
>cowanr@isma8.monmouth.army.mil
>or WF4P@aol.com

1622. Re: GIEHL

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: "Charles J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <42j7gu$sgf@vixen.cso.uiuc.edu>
Source record: 212877

As of Nov, 1993
Jack Giehl
2780 Fairfield Rd.
Loveland, Ohio, 45140
513-683-2676

Chuck, KE9UW

cowanr@isma8.monmouth.army.mil wrote:
>Does anyone have the Email/fax/telephone number for Giehl in Cincinati Ohio.
>
>Thanks
>Roland WF4P
>
>cowanr@isma8.monmouth.army.mil
>or WF4P@aol.com

1623. Plans needed for a Jpole made of copper tubing

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: BRETSKI <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.91.950906090231.21187A-100000@storm.atms.purdue.edu>
Source record: 212878

I know of a Jpole that can be made from copper tubing. I made one out of ladder line but I want something more "permanent". Are there text plans out there for such a beast? Thanks

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

1624. Looking 4 Mutek info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: "David W. Bourque" <dbourque@ub.com>
Message-ID: <DEHIzB.ApL@pippen.ub.com>
Source record: 212879

I am looking for the
mailing address/phone number/email address/any info at all
for a company called Mutek.
I understand they are based in the UK and they made/make front
end modification for some VHF radios. In particular I'm interested
in any improvements to the Icom 271A. Any information would
be greatly appreciated.

PLEASE RESPOND VIA EMAIL as my news reader is been having LOTS
of problems lately and I may miss it.

Thanks.
David Bourque
WB1FLD
email to dbourque@ub.com

1625. Re: 2meter Handheld for newbie

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <42kf81$2cd4@usenetw1.news.prodigy.com>
Source record: 212880

renfah@aol.com (RENFAH) wrote:
>
>If you are looking for a good 2 meter HT, I would consider Radio
Shack's
>HTX-202. It is a basic radio which won't allow you to receive out of
the
>two meter ham band, but because of this, Intermod is reduced greatly.
I
>have two of them and they perform better on 2 meters than my Icom
V21AT's
>They have all the features you need to use any local repeaters and are
>fairly rugged. They are on sale now at Radio Shack for $199.00

WHERE? Is this a local sale? Here in Charlotte, they still want $259.95.

-Drew in Charlotte-

1626. Dealers/mfgers' directory?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <42khna$jcr@omnifest.uwm.edu>
Source record: 212881

I recall reading about a directory of manufacturers and/or dearlers of ham radio products. Does anyone have an address or price?

TNX ES 73,

Rick WB9GYT

1627. Re: Radio Shack 2m HT - Is it a good by for the price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDEHrG1.2Mw@netcom.com>
Source record: 212882

Bill Blohm (bblohm@boi.hp.com) wrote:

: Jim, you reminded me of the one beef I have. The memories are OK for my
: area and so not a problem, but I do wish the keyboard was lighted!!!!
: The display lights up OK and is readable, but given when I use it in
: emergency drills and such, a lighted keypad is a must in my next HT.
: The original poster should consider this as well. Otherwise, I still
: consider it a good buy, and agree with the others that the original
: poster should wait for the next sale. I'm hoping to get my boy one for
: himself for Christmas, so I'm waiting for a sale near then, myself.

Good point, Bill. I don't use autopatch, but I can definitely see the need
for lighted buttons.

Which brings up another point for the originator of this thread...the
battery dies, virtually without warning. It has cut me off in
mid-coversation more than once.

My wife just became a ham, and she bought a Yaesu FT-11R this weekend at the
Southwestern Division ARRL Convention. With its many features, I'm
beginning to hope that both my 202 and 404 die, so I'll have a reason to buy
the FT-51R. :)

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

1628. scanner/baypac/laptop/mfj for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: kb0ome@aol.com
Message-ID: <42jhiu$nmb@newsbf02.news.aol.com>
Source record: 212883

I am advertising for a friend

Bearcat 800 cellular modified 200

REgency scanner z-30 30

Zenith Laptop 75

Baypac modem 30

MFJ RTTY CW Interface 30

If your interested let me know... or give me other offers

1629. Yaesu FT-51R Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: ke4wpp@aol.com
Message-ID: <42jhse$no5@newsbf02.news.aol.com>
Source record: 212884

Does anyone know if the 51R can be modified? If so, what frequencies does it receive? Where would be a good place to find this mod?

Thanks,

DE KE4WPP

1630. What TNC for 2 Meter IC2000H for KISS?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: danc@cts.com
Message-ID: <DEGv0M.7Jt@crash.cts.com>
Source record: 212885

I recently passed my no-code tech exam and I am trying to determine which TNC would best suit my needs. I have an HT202 and was thinking about getting a KPC-3. I also recently bought an IC2000H and a KAM PLUS. However, now that I have the KAM PLUS and have actually seen the specs, I 'm thinking maybe a AEA PK-96 9600/1200 bps Packet TNC would have been a better choice. I'm really only interested in 2 m, so I'd probably never even get a chance to use the KAM PLUS's (HF) RTTY/ASCII, AMTORm CW, NAVTEX, PACTOR, G-TOR modes.

I am mostly interested setting up the IC2000H with KISS and would prefer it operate at 9600 than 1200, yet use 1200 packet with the KPC-3 and HT202.

I would appreciate comments with anyone that might have experience with this equipment. I am running a LAN between a Win 95 box and Linux box, and I was planning on setting up the KISS on the Linux Box. Thanks.
--
Dan Castro, P.O. Box 1411, La Mesa, CA 91944-1411
UUCP: {hplabs!hp-sdd ucsd nosc}!crash!lips!danc
INET: danc@cts.com, or danc@lips.cts.com

1631. Re: UK Reciprocal license procedure/am. radio mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: g6fgo@ajl-elec.demon.co.uk
Message-ID: <19950906.085639.71@ajl-elec.ajl-elec.demon.co.uk>
Source record: 212886
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,alt.radio.uk,uk.radio.amateur

In message <42jkl5$95g@soap.news> Walt Davidson wrote:

> David Hough <dave@llondel.demon.co.uk> wrote:
>
> >For disbelievers it *is* possible to open most repeaters by whistling
>
> Or squeaking .....
>
> 73 de G3NYY
>
> --
> Walt Davidson E-mail: walt@servelan.co.uk
> 100523.1414@compuserve.com
>

No No! Squeaking is what shuts the repeater down again!

--
Andy Luckman G6FGO

Internet: "It's life Jim, but not as we know it!"

1632. Re: Found Radio in Road

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: bwolfson@rkg.com
Message-ID: <bwolfson-0609951146470001@moose.rkg.com>
Source record: 212887

In article <42j85d$1a4@hummin.sol.net>, garyk9gs@solaria.sol.net (Gary Schwartz) wrote:

> J.Fitter BV/N0IAT (fitr%mimi@magic.itg.ti.com) wrote:
>
> : Steve, Afraid I've no idea about that radio but interesting story. Your wife is to be
> : complimented, as most ham wives would narry stop the car, get out, and retreive a radio.
>
> My wife would have left the radio in the road, backed up a few hundred
> feet, gunned it and hit it again. Then she would have stopped, turned
> around and hit it again!

Is this presumption based on personal experience?

Sounds like a wife in a little need of re-tuning. ;-)

'course, my s/o prolly woulda done the same... She hasn't been happy about my mumblings regarding getting my hands on an new FT-8500. She thinks I ought to sell (ha!) my TM-733A first. She just *doesn't* understand. Must be that "but I want to buy a house!" thing... ;-)

Cheers!
-Bryce KD6QDS

1633. FS: Radio Shack HTX-404 440 MHz HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: rossi@VFL.Paramax.COM
Message-ID: <1995Sep6.185650.2356@VFL.Paramax.COM>
Source record: 212888

RS HTX-404 440 MHz HT for sale --- Works and looks like new

includes...
standard NiCad battery pack (good condition)
standard antenna
belt clip
wall charger
cigarette lighter cord
manual

$170 + UPS COD shipping

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)
Valley Forge Engineering Center - Paoli, Pennsylvania

1634. Re: Yaesu FT-51R Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: bwolfson@rkg.com
Message-ID: <bwolfson-0609951214040001@moose.rkg.com>
Source record: 212889

In article <42jhse$no5@newsbf02.news.aol.com>, ke4wpp@aol.com (KE4WPP) wrote:

> Does anyone know if the 51R can be modified? If so, what frequencies does
> it receive? Where would be a good place to find this mod?
>
> Thanks,
>
> DE KE4WPP

ftp://oak.oakland.edu/pub/hamradio/mods/yaesu/ft-51r.mod
ftp://oak.oakland.edu/pub/hamradio/mods/yaesu/ft51r.mod

Pick your favorite. ;-)

Cheers.
-Bryce KD6QDS

1635. Re: Need Advice: Best PC for HF digital?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-06 00:00:00 UTC
From: bwolfson@rkg.com
Message-ID: <bwolfson-0609951220280001@moose.rkg.com>
Source record: 212890

> Mparkes (mparkes@aol.com) wrote:
> : I want to buy a PC to use with HF/VHF digital modes (amtor/pactor/Clover
> : using the HAL P38 board...slow scan...whatever). What is the best
> : kind/brand to get? 486's seem pretty reasonable now. Any particular ones
> : more "quiet" than others? I have always used Macintosh and don't know much
> : abt the PC realm. All input is welcome. 73's Mike KS4DA

If you have a Macintosh, you can certainly use it with an external
all-mode TNC; there's quite a bit of software to be found.

Of course, it doesn't rival the software base on the Intel platform;
unfortunately, most of the extra found for Intel isn't all that great
anyway.

If you need to buy a machine, Macs rival PCs these days
performance-per-buck, and so should be considered. But it's up to you; I'm
not going to get into a Mac-vs-PC war. ;-)

Cheers.
-Bryce KD6QDS
(...posting from a PowerPC Macintosh with a GPS and TNC connected. ;-)

1636. Re: Comments about Rapid Chargers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: DB Wilhelm <w3fpr@nando.net>
Message-ID: <42lkma$c8r@parsifal.nando.net>
Source record: 212724

Larry_Flader@mindlink.bc.ca (Larry Flader) wrote:
>
> Hello. I was wondering if anyone has any comments about rapid chargers? Are
> they good/bad for batteries etc.
>
> Thx . VE7YAF

I have been using rapid chargers for the batteries used in cordless drills for the last 5 years. My use is everyday, as a professional woodworker, I use cordless drills a lot. I have a total of 5 of the them, with two batteries for each. Over this period, I have had only one of the batteries go bad (and that one was a "no-name" brand.

My conclusion is that a well designed rapid charger will not harm the batteries that it was designed to charge. Make sure the charger has the proper sensors to monitor battery voltage and shut-down when the proper voltage has been reached. Current limits for the initial part of the charging cycle are also important for long battery life.

73,
Don W3FPR

1637. September 95 CD-ROM Released

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: amsoft@epix.net
Message-ID: <NEWTNews.810501690.25979.amsoft@amsoft>
Source record: 212725
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

PRESS RELEASE, AMATEUR RADIO DISTRIBUTION ONLY, SEPTEMBER 5, 1995:

PUBLISHER: AmSoft
AUTHOR: Pete deVolpi, KC3TL
E-MAIL: amsoft@epix.net
MAIL: AmSoft, PO Box 666, New Cumberland, PA 17070-0666
TELEPHONE: 717-938-8249
FACSIMILE: 717-938-6767

AmSoft announces the September 1995 release of it's CD-ROM.
More than 850,000 callsigns are found in seconds with this CD-ROM.
Includes calls issued up to 7 August, 1995. Every issue comes with
the AmCall auto-logging station logbook which uses this CD-ROM.
Help locate lost & missing children with the 1400 image library from
the Heidi Search Center & Center for Missing or Exploited Persons.
A Complete user interface "CDVIEW" for the Ham Radio Software
library eliminates the need for you to use DOS commands and
hard drive space. The massive 23,599 file amateur radio software
compilation could easily fill 870 Megabytes of space. Over 1350
amateur radio modification files. Windows/Win95/OS2/DOS friendly.
Retail Price $39.00 plus Shipping USA $3, Foreign $5 Via Air Mail
FedEx to most of the USA Lower 48 States Overnight for only $11.00

For more detailed information please E-Mail amsoft@epix.net

1638. Help - Ham-stores in Philadelphia ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: terjeu@fo20.fo.mil.no
Message-ID: <42mdtt$f57@fo20.fo.mil.no>
Source record: 212726
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

CQ CQ , calling hams in or nearby Philadelphia, PA.

My name is Terje, Call-sign LA8RIA.
I am going to visit Philadelphia between Fri 15. sep. 95
and Sat. 23. sep. 95.
During this week I am interested in visiting one or more
ham-stores to pick up an all mode 2m or 2m/70cm transceiver.

Are there anyone out there who can help me out locating ham-stores
in or nearby the City.

I will attend the International Oracle User Week at the
Pennsylvania Convention Center.

Answers are preferrably recieved by mail to :
terjeu@fo.mil.no

Many thanks in advance !!

73's de Terje
--
+---+
! Knut Terje Ulvund !
! Headquarters - Defense Command Norway !
! Email : terjeu@fo.mil.no !
! Tel. job : (+47) 22 49 75 70 !
! Tel. priv : (+47) 33 07 81 45 !
! Packet-BBS : LA8RIA@LA4O !
! !
! 'f U cnt rd ths, U'r nt a prgrmr ! !
+---+

1639. Re: Comspec ts32 encoder/decoder

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: johnmxl@ix.netcom.com
Message-ID: <42ljfg$6rn@ixnews2.ix.netcom.com>
Source record: 212727

In <42jsk4$idc@feenix.metronet.com> abernat@metronet.com (Bill Abernathy) writes:
>
>Can someone share with me (fax or otherwise) the doc that comes with a
>comspec ts32 ENCODE/DECODER ?

ComSpec has an Info FAX service now... Dial 714 974 3485 from your fax machine...you can select up to 5 docs and have them sent to your fax machine.

-john

1640. Scout Freq Compensation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: mitchell@slate.kodak.com
Message-ID: <42mkub$41o@kodak.rdcs.Kodak.COM>
Source record: 212728

Hello all, I was considering buying a Scout for my vehicle, but
I ran accros a ham who sent his back because of the fact that
the radio compensates for it's frequency in 100 HZ increments
right in the middle of a word.
Now the question is..

Has anybody else experienced that?

Has anybody talked to Ten Tec about this , and has Ten Tec resolved it?

Is this a significant problem or not? I'm interested in peoples reaction to
this that use the rig mobile.

73 Brad WB8YGG

bmitchel@kodak.com

1641. Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: jds@neptune.net
Message-ID: <42lmse$301@neptune.neptune.net>
Source record: 212729

In <42fbv2$e7q@freenet.vcu.edu> towen@freenet.vcu.edu writes:

>I have a 2m Allmode (FT-290) and would like to get on 6m. Is a
>2m to 6m transverter available?

>I live in Richmond, VA; what kind of range should I expect from
>6m from my car running say 50W into a 1/4 wave vertical on both
>FM and SSB WITHOUT a band opening?

I can't help you with VA, but get out an atlas... I have worked
from Anaheim to San Diego (Mt Palomar) and Anaheim to Palmdale
(it's in the high desert north of LA). That's with a base
antenna, though, at 85W. I expect mobile operation to be similar
with a good antenna...

>--Thanks for the 6m advice, Todd KE4UDN

Sure. Get on the air somehow. Lotsa used equipment out there.
Persevere! Sorry I don't know about 2m->6m transverters. Try
Down East?

73!

jeff stai, ke6knf
jds@advradio.com

1642. Re: Ham from Uzbekistan needs contacts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: trapps@hpcc01.corp.hp.com
Message-ID: <58520004@hpcc01.corp.hp.com>
Source record: 212730

Hi,

You might want to contact the American Radio Relay League, I think
they are arrl.org and see what clubs they have in the area.
I am sure they are on internet, and probably have a web page now.
I'd think with all the engineering students, the university must have
a ham club, maybe the student center would have info (nice equipment too!).

73,
Steve, N4DG

1643. Re: HELP SAVE LIVES - Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: trapps@hpcc01.corp.hp.com
Message-ID: <58520005@hpcc01.corp.hp.com>
Source record: 212731

Hi,

I have seen some 49 MHz sets (VHF-line of sight) at Radio Shack.
They were earphones with attached mikes, could probably be used
without arms if they have voice activated transmit (VOX).

The range of something like that is almost 1 mile if you are near
line of sight to each other (It can bend around obstacles maybe 10 feet).

Good Luck,
Steve

1644. PC card for receiving wwv time signal

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: mjk@dsgrp.COM
Message-ID: <QQzgeg08896.199509071533@alterdial.UU.NET>
Source record: 212732

Does anyone know where I can buy a PC card that receives the govt time signal and keeps my PC clock in sync? I saw something like this advertised years ago but cannot find it. Ideally, it would TCP/IP software so the PC can act as a network time server.

1645. Best SW Control Program for TS-850S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: jduerbusch@gwsmtp01.mdc.COM
Message-ID: <s04ef0c4.064@gwsmtp01.mdc.com>
Source record: 212733

Herb Rosenberg asked options on SW for the TS850S. I use two SW
packages that work very well with my TS850S.
1. Rgmgr21d.zip is a windows based program written in Visual Basic. It
is a rig control software, no contest control, but is super!
2. Rigeqf20.zip is a DOS based software, but can be run out of
windows. It also is very good, easy to install and run.
Both SW packages are available on the QRZ CDrom, or can be
downloaded from FTP.QRZ.COM in files/rigctrl directory.

Good Luck (now if I could only get my 850 back from Kenwood)
Joe K0BX

1646. Need advice for good apartment HF antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <42nhcu$o64@newsbf02.news.aol.com>
Source record: 212734

HELP! I am about to move into a 2nd floor apartment (with a balcony) and am trying to decide what to do for an HF antenna. Thought about setting up one of the "ISO-loops" (or the MFJ version) on the balcony, but they won't go to 40 meters, which I want. Has anyone tried using a mobile HF antenna (like the outbacker) sitting on a balcony? I thought about trying to install a dipole in the attic, but I'd rather not go that route unless I have to. Any advice/comments are greatly appreciated.

1647. For Sale: Collins 75A4 and KWS1

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: "Alan D. Snyder" <adsnyder@yardley.com>
Message-ID: <42nd55$o7i@news.voicenet.com>
Source record: 212735

```
75A4 and KWS1 in use today - some spare tubes including extra finals -
Asking $2,000 for the pair - please reply to adsnyder@yardley.com

73 Alan KF3B
```

1648. Re: What good is 6 Meters?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDEJwFH.A5x@netcom.com>
Source record: 212736

Jeffrey D. Stai (jds@neptune.net) wrote:

: Here are some LA repeaters that I either have experience with, or have been told
: that they are functional by reasonably reputable hams:

: 52.80RX/52.30TX PL 82.5 N6FFI
: 52.74RX/52.24TX PL 127.3 N6ENL
: 52.86RX/52.36TX KC6WGR (So Cal 6m Club)
: 52.56RX/52.06TX ditto

I had an opportunity to get some good local info on 6m this weekend, during a talk promoting that band, at the ARRL Southwestern Division Convention on the Queen Mary. One of the handouts was a lengthy (one page, both sides) repeater listing for SoCal. If anyone is interested, it would probably be much easier to FAX it than to enter the info on here.

Anyway, one of the points brought up was that the 6m repeaters in the LA area are mostly high-level, and it's a good idea to have 50 watts or more to do any useful work. Just thought I'd toss that in.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

1649. Drake TR-3 refurbishment, worth it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: smithj@innet.com
Message-ID: <42mm36$dsu@lucky.innet.com>
Source record: 212737

I've always wanted a Drake TR series radio, ever since I got interested in Ham Radio back in 1976, and finally swappped for a Drake TR-3. Like many tube rigs of it's day when they get this old, the higher one goes in frequency, the lower the performance, especially on 10 meters.

In the humble opinion of the Net.Hams, is it worth trying to rework this rig for good performance on 15 and 10, or just leave it as a nice rig for 80/40, with an occaisional trip to 20?

Jim Smith N8AVX

1650. Re: Plans needed for a Jpole made of copper tubing

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: ssgreen@aerospace.aero.org
Message-ID: <ssgreen-070995084805@greenberg-t.aero.org>
Source record: 212738

In article
<Pine.A32.3.91.950906090231.21187A-100000@storm.atms.purdue.edu>, BRETSKI
<bap@storm.atms.purdue.edu> wrote:
>
>
> I know of a Jpole that can be made from copper tubing. I made one out of
> ladder line but I want something more "permanent". Are there text plans
> out there for such a beast? Thanks
>
>
> BRET A. PENNINGTON

Bret,
Here are the plans for a copper J-pole, which I followed with great
results. I made the 5/8 wave version, which requires one 10ft piece of
1/2"Copper pipe.
Have fun

73s, Steve WA6TAF
_____cut
here_____
"Here's a variation on the twinlead J-pole design that uses copper tubing.
The dimensions are a little different and the feed is different from what
has
been previously posted but then that offers some opportunity for
experimentation (which is part of what amateur radio is all about). I
haven't
personnally constructed one of these but I know several local hams who have
and they are very pleased with the results. This makes a very unobtrusive
and
rugged antenna."

from
John Keith, KD0GD

SIMPLE J POLE ANTENNA

The J-pole antenna offers good gain, compact size, simplicity and very low
cost. They are easy to build and compare very favorably against
commercially
available antennas. As a side benefit they are DC grounded for lightning
protection. The construction style provides for a very durble antenna and
one
that is very easy to mount. The total material costs should be about $10.

Material list:

1) One ten foot piece of 1/2" rigid copper tubing
2) One 90 degree elbow fitting
3) One T fitting
4) Two 5/8" rubber chair leg caps (or 2 copper end caps)
5) Two small stainless steel hose clamps

Construction: |
|
1) Cut the copper pipe to the following lengths |
(save the piece that is left over): |
57" (66 1/2" for a 5/8 wave) | 57"
19" | (66
1/2
3/4" (used to join the two fittings) | for
5/8
2) Using normal plumbing techniques (solder, |
wave)
flux, torch) connect the tubing as shown | |
in the illustration. | |
3) Install either the rubber feet or solder 19" | |
the copper end caps in place. | |
90 elbow-> |--| <-
T
Tuning: |
fitting
|
1) Attach the hose clamps about 3" up from the | <-
left
bottom of the "U" (5" for the 5/8 wave). |
over
2) Attach the inner conductor of the coax to the
19" side and the braid to the 57" (66 1/2") side.
3) Check the SWR. Slide the clamps with the coax up
or down until a 1:1 SWR is achieved

If the copper color is not to your liking, paint it any color you wish. It
is
strongly suggested that you use a good silicon compound to weatherproof the
coax connections against the elements.

1651. Need suggestion with HF verticals

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <42msk1$4eo@acme.freenet.columbus.oh.us>
Source record: 212739

Hi gang. I need suggestion about the HF verticals. I need vertical
for the general HF, not WARC.
Does anybody have an experience with Cushcraft verticals like AV5,
R7? How they (like AV5) work on 80 m?

Thanks,

73! Sergei
AA8OT, UA3AP
--
****
Sergei Kulyov "Serge" - AA8OT, UA3AP
The Ohio State University Amateur Radio Club
packet: aa8ot@w8cqk.#cmh.oh.us.na

1652. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DEJIA4.Jxt@netcom.com>
Source record: 212740

In article <42lsse$1kt6@usenetw1.news.prodigy.com>,
Drew Durigan <VUBS79A@prodigy.com> wrote:
>What great timing! I just passed my tests this past weekend and should
>be getting my Tech-Plus ticket soon. My 2510's all ready to go on 10-
>meters (finally get to use that radio for it's "intended" purpose :-),
>but I need to get me a good, inexpensive 2-meter rig to get started with.
>
>
>I understand Radio Shack has put the HTX-202 on sale for $199 this month.
> Is this a good radio or another one of those famous "Rat Scrap Lemons?"
>Is it worth $199, or would I do better elsewhere?
>
>Comments?

It is a good radio. Rugged, Good speaker, Good mic quality, has tones,
puts out more watts than other HTs (7-9 watts). But only has 12 memories.
And it has reliability problems, many die. I've got two that died.
Luckily Radio Shack has a $40 five year warranty. No other maker offers this.
When my second one I had warrantied went bad, they took care of it promptly.

Its a good radio, but DO get the warranty.

1653. Amateur Radio Manufacturs On-line List

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: aclr@ripco.com
Message-ID: <DEJM9v.9wI@rci.ripco.com>
Source record: 212741

I have made a list of Ham Radio Manufacturs that are on-line.
http://pages.ripco.com:8080/~aclr/email.html
The list keep on getting updated so check it everytime you need to
talk to a rep.

I also have a list of radio mods.
http://pages.ripco.com:8080/~aclr/radio/mod.html
Its just like the one at oakland.edu, but better.

--
The Amateur Cross Link Repeater Association.
Post Office Box 34446
Chicago, IL 60634
312.714.5411
ACLR@ripco.com http://pages.ripco.com:8080/~aclr/aclr.html

1654. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <42n7jv$2flo@usenetw1.news.prodigy.com>
Source record: 212742

Thanks for the responses. Looks like I'm gonna go out later today and get a 202. The lack of expanded receive is no problem...I have a Bearcat 200XLT that I can receive with. Besides, it cuts down on imtermod, or so I'm told.

Thanks again,

Drew

P.S. Oh yeah...I checked the Web server this morning and I'm in!

KF4DDM

1655. Re: AEA PK-232MBX & Yaesu FT-736R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: Don Rotolo <rotolo@mercedes-benz.com>
Message-ID: <NEWTNews.20109.810495094.Rotolo@ppp06907.mercedes-benz.com>
Source record: 212743
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <42klmo$sjg@avatar.avatar.com>, <kory@avatar.com> writes:
>
> I have a AEA PK232 TNC and a Yaesu FT-736R rig. The 736 has data in/out jack
> for TNCs. This method bypasses the FM modulaters pre-emphasis and de-emphasis
> circuits. Its suppose to be better, unless the TNC already compensates
> for this, in which case it would be worse. The Yaesu manual states that
> most TNC-2 clones already do the compensation and I believe the PK232 is
> a TNC-2 clone. I've been trying for two days now to call AEA and ask them
> this question, but the tech support lines are *constantly* busy.

The Yaesu manual is wrong, but the end result is correct. The mic plug
should be used with the PK-232 (which is *NOT* a TNC2 compatible!) at
1200 baud. The reason you WANT the pre-emphasis circuits of the radio to be
used has little to do with the TNC - it depends upon the receiving TNC's radio
connection: both ends should either use pre- & de-emphasis, or not. You
mustn't have one end using it and the other end not, that will cause problems.

Forget the MFJ box, build your own.

73,
Don N2IRZ

1656. Re: PC card for receiving wwv time signal

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: racuti@tasc.com
Message-ID: <42n7ih$a8n@hazel.Read.TASC.COM>
Source record: 212744

mjk@dsgrp.COM (Marvin Kelly) wrote:

>Does anyone know where I can buy a PC card that receives the govt
>time signal and keeps my PC clock in sync? I saw something like this
>advertised years ago but cannot find it. Ideally, it would TCP/IP
>software so the PC can act as a network time server.

Marvin,

There is a WWV Timing Receiver called the TimeLink3 by a company
called TrueTime that hooks up to a PC via the serial port.

It is marketed by:

Personal Computing Tools
90 Industrial Park Road
Hingham, MA 02043
1-800-767-6728 (Voice)
617-740-2728 (Fax)

If you call them up, they will fax you the spec sheets.

73
Rich
N1QVT

+---+
| Richard A. Cuti Internet: racuti@tasc.com |
| 55 Walkers Brook Drive Amateur Radio: N1QVT |
| Reading, MA 01867 Packet Address: N1QVT@WA1PHY.#EMA.MA.USA.NOAM |
| |
| Opinions are strictly those of me, myself and I and we all agree! |
+---+

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

mQCNAy/6xEAAAAEEALNaS1r17pI10s8JS1UPEydvbL8k1hXOb7PoS/Snf1B2Iu9C
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1657. Re: AEA PK-232MBX & Yaesu FT-736R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep7.155525.11783@ke4zv.atl.ga.us>
Source record: 212745
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <42klmo$sjg@avatar.avatar.com> kory@avatar.com (Kory Hamzeh) writes:
>I have a AEA PK232 TNC and a Yaesu FT-736R rig. The 736 has data in/out jack
>for TNCs. This method bypasses the FM modulaters pre-emphasis and de-emphasis
>circuits. Its suppose to be better, unless the TNC already compensates
>for this, in which case it would be worse. The Yaesu manual states that
>most TNC-2 clones already do the compensation and I believe the PK232 is
>a TNC-2 clone. I've been trying for two days now to call AEA and ask them
>this question, but the tech support lines are *constantly* busy.

The PK-232 isn't even *close* to being a TNC-2 clone. It uses an
entirely different modem design. But it does still have tone twist
at 1200 baud. At least, unlike the TNC-2, the twist is in the
correct direction to compensate for the radio's emphasis/demphasis
circuits in the microphone amplifier. The MF10 in the TNC-2 is setup
to give exactly backward twist, no wonder people have problems. Ideally,
you want to supply flat twist to the modulator, but given all those other
people out there with backward twist, leaving the twist as is on the
PK-232 isn't a bad idea.

>The main reason that I want to hook up my TNC this way is that I don't
>have to plug/unplug the TNC and Mic and Speaker jacks. I know I can buy
>a switch box from MFJ, but then thats two more gadgets that I really don't
>need.

Unfortunately, most TNCs don't mute tx audio when they are idle, and
I believe the PK-232 is no exception in this regard. That means if
you try to use the mic while the TNC is powered, you'll get random
packet tones mixed with your speech. So power down the TNC before
trying to talk. Conversely, the 736 doesn't mute the mic when you
transmit tones from the TNC, so either be very very quiet, or unplug
the mic when doing packet. Seems you can't win in your quest to
avoid a switchbox or plugging and unplugging cables.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1658. Re: battery cover plate for HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: jim <gutbang@edge.net>
Message-ID: <42lcug$lf6@excalibur.edge.net>
Source record: 212746

> Apparently in the first few batches of '202s there was a problem with a
> diode in the radio that would overheat and fry, so the recommendation
> was to take the battery pack off to permit better cooling to the bottom
> of the radio.
>
> Don't know if it is true or not...I just slip an empty alkaline pack on
> the bottom of the radio and go my merry way. On the '202, there
> shouldn't be power on the bottom of the radio, but I picked up the
> habit with ICOM 02ATs and 03ATs, and some habits are hard to break...

Hi, I'm the tech who fixes the HTX202s when they do break...

There is no reason to take the battery off an HTX202 when operating
from a DC power source into the jack on top (by the ant. jack) The
radio will draw power from the source with the higher voltage.

however don't transmit while using the charger on the nicad pack, on
the radio, as this may damage the charging circuit. it's a good idea
to take the nicad pack off the radio while charging just incase...

If you have any other questions on this unit feel free to E-me.
73 ke4juh

1659. Re: September 95 CD-ROM Released

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: headshrnkr@aol.com
Message-ID: <42o96k$3ka@newsbf02.news.aol.com>
Source record: 212747
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

May I ask why you needed to SPAM this ad across 4 boards? One posting would have really been fine, ok?

"We, the people are the rightful masters of both the congress and the courts - not to overthrow the constitition, but to overthrow men who pervert the constitution" - A. Lincoln

Bruce J. Howes
HeadShrnkr@aol.com

1660. Re: September 95 CD-ROM Released

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: lewis@phoenix.phoenix.net
Message-ID: <lewis-0709951943240001@dial126.phoenix.net>
Source record: 212748
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

In article <NEWTNews.810501690.25979.amsoft@amsoft>, amsoft@epix.net wrote:

> PRESS RELEASE, AMATEUR RADIO DISTRIBUTION ONLY, SEPTEMBER 5, 1995:
>
> PUBLISHER: AmSoft
> AUTHOR: Pete deVolpi, KC3TL
> E-MAIL: amsoft@epix.net
> MAIL: AmSoft, PO Box 666, New Cumberland, PA 17070-0666
> TELEPHONE: 717-938-8249
> FACSIMILE: 717-938-6767
>
> AmSoft announces the September 1995 release of it's CD-ROM.
> More than 850,000 callsigns are found in seconds with this CD-ROM.
> Includes calls issued up to 7 August, 1995.

Damn, cut off is one day before my upgrade was posted by FCC ;-)

<<<<SNIP>>>>

Over 1350
> amateur radio modification files. Windows/Win95/OS2/DOS friendly.
> Retail Price $39.00 plus Shipping USA $3, Foreign $5 Via Air Mail
> FedEx to most of the USA Lower 48 States Overnight for only $11.00
>
> For more detailed information please E-Mail amsoft@epix.net

Are there any files or programs for the Macintosh, ie. is this a PC/Mac compatible cd-rom?

I use a Power-Mac and have Softwindows to run Dos and windows software, but I prefer native software for the speed and ease of use. Can I use your product with my system?

Lewis
~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~

Lewis Stephens KC5PSX lewis@phoenix.phoenix.net Pasadena,Texas

~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~

1661. HTX100 schem or transverter mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HUZVWBH4GI00BLXV@uthscsa.edu>
Source record: 212749
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

landisj@nad.com (Joe Landis - Systems & Network Mgr) writes:

-Hi,
-Does anyone have a schematic for the Radio Shack HTX100 10 meter rig,
-or has anyone added seperate low-level transmit and recieve?
-I'd like to use mine for a 28mhz tunable if for a DEM 432 mhz IF
transverter.
-
-Thanks,
-Joe - AA3GN

You can go to your "friendly" neighborhood Radio Shack store and
ask for a Service Manual for your HTX-100. They cost around $15.
This is the book that is used by the service technician.
I think you can also call 1-800-THE-SHACK and order it on your
credit card. It won't have anything about modifications but it has
a detailed schematic. As far as the low level transmit you might
be able to modify the output section for low level output.
I guess you are looking for the milliwatt range. It might be easier
to build a 30db attenuator.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

1662. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12608.12.uupcb@totrbbs.radio.org>
Source record: 212750

WB>> . . . you won't find me spending my hard earned cash around those
WB>>places now that i'm "allowed".

WB>Then I assume you won't complain the next time an illegal CB'er
WB>clobbers you on 10M with the gear he bought from the dealers you
WB>patronize?

If I disagreed strongly enough with a person's sales decisions in the marketplace on philosophical grounds, I might decide not to shop at those places. This is a rather weak statement in a large marketplace, but if enough people feel this way, it could have an effect.

However, I would also complain when an illegal CB'er clobbers me on 10M with the gear he bought from the dealers that I patronize. Why ? It ought to be easy to see. When he clobbers me, being unliscensed, he is doing an illegal thing. The fact that there is a law against it means that socially we have determined his actions to be harmful. However, in the former instance, there was no such law. In that case, neither the buyer nor the seller is breaking any law. Neither are the other category of sellers breaking the law. They can refuse sale to whomever they wish, so long as no law comes along saying otherwise. It has been in some cases that the law has had to do that, since prejudice is alive and well in the world.

Standards ? There are many legal and ethical reasons that an unliscensed person would have a genuine and legitamate interest in buying a tranciever that he was not liscensed to transmit with. A salesman with high standards might be one consciencious enough to be sure that the buyer knew what he was buying. Of course, in the course of the discussion it was admitted that the intent was to break the law, then I think an ethical seller must refuse to sell on those grounds.

. OLX 2.1 TD . hAS ANYONE SEEN MY cAPSLOCK KEY?
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1663. Feedback On Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: tomas.wennstrom@swedx.ct.se
Message-ID: <3e929794@swedx.ct.se>
Source record: 212751

Hi!

I'm am 16 years old and are going to buy my first a H-T, but I don't know
which one to chooce.
After going through my economy the possible options left are:

IC-T22E
IC-W21E
IC-W21ET
IC-T21E
and FT-11R

I would like to have some feedback about these radios, cause I don't know
anything about them.
Or maybe, if there is someone else that's better, then let me know.

I know about one problem with T21E. The antenna plug isn't a standard one.
I think it's a SMA conntact.
Is this good, bad or what? How do I solve the connection problem
when I put my radio to a external antenna?

A other problem is that I don't really know my needs.
I would like to operate mobile and therefor a car antenna, external
microphone and cigarette lighter cable are included in my budget.
I would also like to operate bicycle-mobile. What's needed for that kind
of operation? Any ideas or suggestions?

As a new ham, it's hard to know what's right and therefor I hope someone will
share his knowledge.

If the above questions are a FAQ, I'm sorry.

Tomas, SM7VLF
a sixteen year old unexperienced ham

... One atom bomb could ruin your whole day...
___ Blue Wave/QWK v2.11

1664. ALINCO DAY!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <42omno$rbl@bighorn.accessnv.com>
Source record: 212752

Amateur Electronic Supply in Las Vegas will be having an ALINCO DAY on
Saturday, September 9.
All Amateur Electronic Supply stores will be participating in this
special event.
Special pricing will be available on most Alinco tranceivers.
AES store hours are 9:00 A.M. thru 3:00 P.M. on Saturday, September 9.
Telephone numbers are:
Las Vegas (Pacific Time) 800 634 6227
Milwaukee (Central Time) 800 558 0411
Cleveland (Eastern Time) 800 321 3594
Orlando (Eastern Time) 800 327 1917
Clearwater (Eastern Time) 813 461 4267
Call then for b-i-g savings!

1665. VHS Band questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: brunson@sun1.SCRI.FSU.EDU
Message-ID: <BRUNSON.95Sep7101442@sun1.SCRI.FSU.EDU>
Source record: 212753

I know this is a little off topic, but I posted first to r.r.cb and got exactly zero response. Since I know you guys are a lot more knowlegable, I'm hoping someone might have some info they could give me. Skip the first question about the CB and just go to the VHS and licensing question. Thanks a bunch.

Original post:

Hi,
I'm pretty new to radios, etc. but I've got a couple of questions that I hope someone could answer.

First, I'm looking at a handheld CB unit in the damark catalog (Uniden Pro 340XL if anyone is interested) and it has a switchable power output of 1W or 4W. I know that the antenna makes a great deal of difference, what kind of useful range could I expect out of that unit?

Second, the other option I'm looking at is a pair of Motorola 1W red and blue dot (VHF) walkie talkies. I know we'd need to get class 3 radio operators licences to use them, so: a) could I expect better or worse range between the two of them (the blurb says up to 2 miles) and b) What is entailed in getting the license?

And, finally, (and maybe I should have asked this first) what I need these things for is, first, to communicate with another car during a cross country move, and then I want to be able to use them on the ski slopes, just to keep in touch if our group splits into two. With this in mind, can anyone tell me if I'm way off base, and I need to rethink my philosophy, or else can someone make a recommendation for a pair of resonably sized, not to cumbersome units that would fit the bill.

Thanks for the input,
e.

--
~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~
Eric Brunson Ya know... It's amazing how
brunson@scri.fsu.edu far you can shove a convertible
under a bus at a mere 15mph.

1666. New on a WWW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: Michael Lyalin <m0lyal01@iglou.com>
Message-ID: <DEJqGA.Dru@iglou.com>
Source record: 212754

Copper Electronics CB-Web page (http://www.iglou.com/copper/) now has a GUESTBOOK where you can submit your e-mail, url and comments for people who are interested in CB and other staff. Also we have QUESTION-ANSWER form .

Check it out!

1667. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: rfm@urth.eng.sun.com
Message-ID: <RFM.95Sep7153015@urth.eng.sun.com>
Source record: 212755

In article <42mrtt$3bu@nonews.col.hp.com> jms@col.hp.com (Mike Stansberry) writes:

>Lots of folks put down the R.S. H.T.s because they won't receive/transmit
>out of the ham bands. I have a scanner to listen out of band, and I'm not
>licensed to transmit out of the ham bands. Go for it.

As a happy HTX-202 owner, I think the fact that it doesn't receive out of
the ham bands is one of the best things about it! The wide-receive HT's
I've used howl like banshees in urban areas with interference from paging
transmitters.

Rich

--
Rich McAllister (rfm@eng.sun.com)

1668. Transceiver For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: Ben Lowe <llowe@HiWAAY.NET>
Message-ID: <42o0jk$lhs@fly.HiWAAY.net>
Source record: 212756

Kenwood TS-120S, external VFO for split operation, excellent
condition. Contact K4QF, ph. 205-830-5470 d, 205-587-6149 n.
e-mail 73207.2167@Compuserve.com, price $395.

1669. Re: VHS Band questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: davidmi@microsoft.com
Message-ID: <42nc4j$a3s@news2100.microsoft.com>
Source record: 212757

Personnaly I would go with the VHF (not VHS) units instead of the CBs. They should be quieter between conversations and will have the same or better range as long as you are line-of-sight (which both uses indicate you will be). There are several companies that sell a 4-5 watt version of those VHF radios. Even Radio Shack has a few. Of course you could also study foir and obtain your ham license. A 2 Meter handheld will alsoi meet your requirements and also open up an entire hobby for you.
Good Luck

In article <BRUNSON.95Sep7101442@sun1.SCRI.FSU.EDU>,
brunson@sun1.SCRI.FSU.EDU says...
>
>
>I know this is a little off topic, but I posted first to r.r.cb and
>got exactly zero response. Since I know you guys are a lot more
>knowlegable, I'm hoping someone might have some info they could give
>me. Skip the first question about the CB and just go to the VHS and
>licensing question. Thanks a bunch.
>
>Original post:
>
>Hi,
> I'm pretty new to radios, etc. but I've got a couple of questions
>that I hope someone could answer.
>
> First, I'm looking at a handheld CB unit in the damark catalog
>(Uniden Pro 340XL if anyone is interested) and it has a switchable
>power output of 1W or 4W. I know that the antenna makes a great deal
>of difference, what kind of useful range could I expect out of that
>unit?
>
> Second, the other option I'm looking at is a pair of Motorola 1W red
>and blue dot (VHF) walkie talkies. I know we'd need to get class 3
>radio operators licences to use them, so: a) could I expect better or
>worse range between the two of them (the blurb says up to 2 miles) and
>b) What is entailed in getting the license?
>
> And, finally, (and maybe I should have asked this first) what I need
>these things for is, first, to communicate with another car during a
>cross country move, and then I want to be able to use them on the ski
>slopes, just to keep in touch if our group splits into two. With this
>in mind, can anyone tell me if I'm way off base, and I need to rethink
>my philosophy, or else can someone make a recommendation for a pair of
>resonably sized, not to cumbersome units that would fit the bill.

>
>Thanks for the input,
>e.
>
>--
>~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-
*~
>Eric Brunson Ya know... It's amazing how
>brunson@scri.fsu.edu far you can shove a convertible
> under a bus at a mere 15mph.
>
>
>

--
+--+
| David C. Miller - KB7ZJY - Renton, WA USA |
| Home - davidmi@halcyon.com - Work - davidmi@microsoft.com |
| The opinions expressed in this message are my own personal views |
| and do not reflect the official views of Microsoft Corporation. |
+--+

1670. Mods for Alinco DR-112

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: rwerner@usit.net
Message-ID: <42nd2h$s70@gaia.ns.utk.edu>
Source record: 212758

I was wondering if any mods are available for this rig. I realize this is an older rig, however, I just purchased it and would like an answer.
Thanks for helping.
Bob Werner KC4URW
rwerner@usit.net
rwerner@utk.edu
Amateur: KC4URW@N4QEA.#METN.TN.USA.NA

1671. Re: Macintosh-Users - Help me !

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: bwolfson@rkg.com
Message-ID: <bwolfson-0709951852440001@moose.rkg.com>
Source record: 212759

In article <009960EA.CE425DC0.10@pozn1v.tup.edu.pl>,
borowiak@pozn1v.put.poznan.PL wrote:

> Hallo All !
>
> Is there someone who have experience in using Macintosh for amateur-radio
> activity ?
>
> I have rather teh old macs : PowerBook 100, LC and Classic.
> As ham-equipment I am using Kenwood TS-50 with AT-50 for HF
> and TM-733A and TH-78A for VHF/UHF.
>
> Tell me please, where can I get ham-software for my Macs ?
> What type of software are you using and can you recommend me ?
>
> Thanks
>
> Chris, SP 3 ELD
>
> (WACRAL - Member)
>
> Greetings from Poland !
>
> my E-mail : BOROWIAK@pozn1v.put.poznan.pl

ftp://oak.oakland.edu/pub/hamradio/mac/

Cheers!
-Bryce KD6QDS

1672. Re: Ever Been a CB repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: jdow@BIX.com
Message-ID: <42m2nd$ri6@news2.delphi.com>
Source record: 212760

In article <810093393.17139@pinetree.microserve.com>,
jackl@pinetree.microserve.com (WB3U) wrote:
>In article <charles1DEAxtv.15A@netcom.com>,
> charles1@netcom.com (charles copeland) wrote:
>>Have there ever been CB repeaters? If not, why not?
>
>The FCC doesn't allow it.

That did not stop an enterprising collection of CBers out here in wonderful So Cal from building one and operating it *5 YEARS* before the FCC managed to nail 'em and firmly slap some wrists. (This went down a fair number of years ago now.)

{^_^} Joanne Dow The Wizardess

1673. WANTED: HF XCVR - Vancouver, B.C.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-07 00:00:00 UTC
From: fergusonr@delphi.com
Message-ID: <pTBB8b0.fergusonr@delphi.com>
Source record: 212761

```
te mobile HF rig, 100 w. or better,
with general coverage receiver. Not looking for fancy/expensive, and a
low-end Kenwood/Yaesu/Icom rig will do just fine.
Reply email to VE0MVM at "fergusonr@delphi.com"
```

1674. WTB: Hickock AN/USM-118B CAL Module & Cardsets

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: triode@ix.netcom.com
Message-ID: <42olsf$j5n@ixnews7.ix.netcom.com>
Source record: 212762

I recently fried the CAL module on my Hickock tube tester, and since it's potted in epoxy it's impossible to reverse engineer. Does anyone have a schematic, a spare module, cardsets, or even a complete operational tester

they'd like to sell? Any and all help will be greatly appreciated, and promptly rewarded.

Mike Hathaway

triode@ix.netcom.com

1675. Question of TS830 coil

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: mkelly@brisbane.DIALix.oz.au
Message-ID: <42o4pd$3ar$1@brisbane.DIALix.oz.au>
Source record: 212763

Someone (I forgot to note who) asked for the value of a coil in the final of the TS830S. Knowing there was very little (or any) difference with the 820 final I can say the L2 in the 820S final (on the SG supply) is listed in the workshop manual as 470uH.

Hope this is of some help.

Murray Kelly. vk4aok.

1676. Re: GIEHL

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: jackg@xetron.com
Message-ID: <DEL7z9.4nD@xetron.com>
Source record: 212764

In article <3AF59DDB@MHS>, cowanr@isma8.monmouth.army.mil says...
>
>Does anyone have the Email/fax/telephone number for Giehl in Cincinati
Ohio.
>
>Thanks
>Roland WF4P

Roland, I guess you are referring to me, (chips for the Kenwood TS940 or
Ten Tec Paragon). I can be reached at 513-683-2676. The correct
address is:

Jack Giehl
2780 Fields Ertel Road
Loveland, Ohio 45140

I also have a PO box, but mail to the house is faster.

73, Jack Giehl (Giehl Electronics)

1677. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: jaypvic@ix.netcom.com
Message-ID: <42pi3s$a0h@ixnews3.ix.netcom.com>
Source record: 212765

In <12611.12.uupcb@totrbbs.radio.org> steve.sims@totrbbs.radio.org
(Steve Sims) writes:
****
Dose anyone think that they would not be able to buy any kind of HAM
equipment if they did not have a ticket. If I was ever asked for my
call sign, it was just for their record keeping. If I picked a call
from somewhere, I am sure it would get by, but thats not the point.

How many HAMs bought there HF tranceiver to use it to copy code over
the air. That way it was a tool to learn code and an incentive to
practice. Am I the only who has hard of this method of passing the
test?

People can buy guns that can kill (so can a knife), but it is the
responabilty of the owner not to break the law. Most owners of guns and
knifes do not go and kill someone. There is no law against owning a HAM
tranceiver without a ham licence.
****

>WB>>The argument is probably overly weak in this case because of two
>WB>>reasons. 1) Radio equipment does not fall into the category of a
>WB>>socially determined need.
>WB>When needs and laws are determined for "social" reasons rather than
>WB>the preservation of easily recognized individual rights, we have
>WB>ceased to be a free society.
>
>Hardly. The difference between a statesman and a politican is the
>difference between a person concerned about himself and a person
>concerned about the whole. Considering the whole (ie social
>determination) is like excercising for cardiovascular fitness. One
who
>focuses on the parts may make the mistake of assuming that the same
good
>can be had by drinking coffee to get the heart pumping. Freedom is
>defined in many ways. A self governing people generally express
>themselves through the vote. But a grave mistake is made when back
>roads created by wealth begin thwarting the political process.
>
>WB>>2) There ARE vendors who do sell to unlicensed persons.
>
>WB>Immaterial, and the case isn't just weak, it's morally bankrupt.
The
>WB>vendor owns the equipment and ** it is his property to do with as
he
>WB>pleases. **

>
>By your same logic then it is morally sound to sell to unliscensed
>persons. (I added the stars in case you missed the point.)
>
>---
>. OLX 2.1 TD . Press any key to continue or any other key to quit
>. KMail 3.0aa
>
>----
>Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
>Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
>Lilburn, GA 30247-7440

1678. Re: Ever Been a CB repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: rburgan@detroit.freenet.org
Message-ID: <42plpo$9n5@detroit.freenet.org>
Source record: 212766

Repeaters have never been authorized for the CB (27 MHZ) service.
They are authorized for the 450 MHZ service, with restrictions.
Roland, KB8XI
--

1679. Anyone on 900 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: screa@aol.com
Message-ID: <42q2gp$flo@newsbf02.news.aol.com>
Source record: 212767

I was just wondering if anyone has had any experience with 900 Mhz. Are there any radios available for that band. I know there are some fixed frequency commercial radios, but how about radios with a VFO. Thanks for any information.
KB6VTU
screa@aol.com

1680. Alinco DT150T with AM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: Coen Waasdorp <waasdorp@inter.nl.net>
Message-ID: <LpyqCIAT7JUwEwqd@inter.nl.net>
Source record: 212768

Hi all,

I just started working with the Alinco DT150T. In principle it is a 2
mtr FM transceiver with the ability to receive also the air band.
The communication on the airband is in AM and I noticed, after having
selected AM through F-Mhz switch, that the transceiver goes
automatically back to FM when changes frequencies.

So scanning on AM is, apparently, not possible as the transceivers goes
back to FM all the time.

Does any one have experience with this rig and is having perhaps a
suggestion how to keep the receiver on AM while scanning.

Tks,

brgds,
--
Coen Waasdorp
PA0COE

1681. Re: 2m/70cm Handheld Reccomendations ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep8.190504.17491@ke4zv.atl.ga.us>
Source record: 212769

In article <DE2zBH.KM0@sunsrvr6.cci.com> jdc@cci.com (James D. Cronin) writes:
>- Used equipment in good shape is a better deal than buying new. Buy
>locally if you can. Bring a friend along. Also scan the net to
>get an idea on prices.

Good idea. I will admit some of the newer HTs really are better than
some of the older models, though, but you'll pay for that.

>- Make sure it can receive on both bands at once. The TH-77 can send
>audio from one band to a speaker-mike, with the other to the built-in
>speaker. Some so-called dual-banders can only recieve on one band
>at a time.

Even better, look for one that can monitor V/V or U/U as well as just
V/U. That's *very* useful since you'll often want to keep an ear on
two different repeaters in the same band. This is much better than
just scanning.

>- Just remember it's an HT, not a mobile. They generally have intermod
>problems when attached to a decent antenna.

So true. The HT is designed for foot mobile operation. It is not a
good substitute for a regular mobile or base rig, though it can
sometimes be pressed into such service. Bandpass cavities in the
external antenna feedline can help some by keeping the out of band
signals from reaching the radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1682. Re: Yaesu FT-530 replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep8.191110.17570@ke4zv.atl.ga.us>
Source record: 212770

In article <41vn9k$lop@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming) writes:
>I need to replace the antenna on my FT-530. Does anyone know of a
>third-party rubber duck that meets or exceeds the performance of the
>Yaesu original? I was always pretty impressed with the factory duck,
>but there's no time like the present for an upgrade, right?

Nothing in the same form factor, the factory duck is really pretty
good. However, Comet makes a <something>-55A that works well. It's
longer, and kind of floppy, but it does have "gain" over the factory
duck. A homenade version of the Tiger Tail counterpoise can be
useful too, and only costs a few cents to make.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1683. Re: Background noise using HTX-202 mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep8.191959.17667@ke4zv.atl.ga.us>
Source record: 212771

In article <41vv0s$mh9@post.gsfc.nasa.gov> Allan Spitzer <aspitzer@ccmail.gsfc.nasa.gov> writes:
>During recent qso's from my car, I have been told that I have a lot of
>background noise. The noise sounds like I have the windows open even
>though I do not. The noise disappears when I stop the car, even if the
>engine is still on. I am using an HTX-202 with a 5/8ths wave mag-mount.
>
>I was thinking about trying an external mic, but I have a sneaking
>suspicion that the noise is engine related (the car is new Civic).
>
>Any suggestions would be appreciated.

Easy way to tell, run off the radio's internal battery. If the
noise goes away, it's the car. If the noise doesn't go away,
it isn't the car, not for transmitted noise. A remote possibility
is static, corona, discharge from the magmount getting back into
the radio's speech circuits. That would stop when you stop moving,
but you should hear it in receive too. A through hole mount antenna
will cure that. More likely is that the radio's mike gain or deviation
is too high, and it really *is* road noise being picked up. If people
are constantly telling you to back off the mike, that's the most likely
clue. You want the gain set so you need to close talk the mike and
speak up in a clear voice to have normal sounding audio. If you normally
speak softly, or hold the mike well away from your mouth, this may be
the problem.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1684. Re: Drake TR-33c?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep8.192956.17766@ke4zv.atl.ga.us>
Source record: 212772

In article <41vvum$g4s@detroit.freenet.org> am024@detroit.freenet.org (Robert Thomas Jackson) writes:
>
>I have an oppurtunty to purchase a Drake Tr-33c. I know it's 2
>meter, but is it FM or SSB/CW? or both? The kid selling it has NO
>idea what it does. Give me some info! Power, modes, controls?

You could ask him to tell you who he stole it from, I'm sure they could fill you in on the particulars. It's FM, crystal controlled, low power. Unless it's already full of crystals you can use, don't pay more than $10. And get a receipt in case the police come snooping around.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1685. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <42qemi$j7b@newsbf02.news.aol.com>
Source record: 212773

In article <42mrtt$3bu@nonews.col.hp.com>, jms@col.hp.com (Mike Stansberry) writes:

> Lots of folks put down
>the R.S. H.T.s because they won't receive/transmit out of the ham
>bands. I have a scanner to listen out of band, and I'm not licensed
>to transmit out of the ham bands. Go for it.

I for one wish that MORE VHF /UHF tranceivers wouldn't go out of band. As much fun as they are, my own personal experiance with Kenwood, Icom, and Alinco is that the front ends, if there are any ,are broad as a barn door. I have tried 3 different radios on from my fixed / home location, and every one of them gets wiped out. Useless as tits on a bull. Front end overload. A ham band only tranceiver would at least have the possibility of having some kind of front end selectivity. Granted, a radio made for mobile operation can't be expected to perform as well as or be as selective as a "base" style radio, but they sure could be alot better. The only radio I have that works while hooked up to an outside gain antenna is a 20+ year old ICOM IC-230 which has helical resonators in the front end. Unfortunately, it does'nt do the 145 sub-band, and does not have any built in CTCSS tones. My only other option for a 2 Meter radio, if I ever really feel the need, is an old GE MASTR II with an outboard synthesizer. Yech.

Many questions have been posted about out of band mods for this radio or that radio, and my favorite response, and one that I agree wholeheartedly with, is the "Tape a scanner to the back side of your radio" type of reply.

BTW, how many of you guys have a single or dual band radio with the out of band mods done, (rx AND tx) have accidently transmitted someplace you really shouldn't be? Hmmmm. Just curious.

1686. Azden PCS-9600D experience please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: harp@bnr.ca
Message-ID: <harp.46.0@bnr.ca>
Source record: 212774

Has anyone out there used this rig on 9600 baud packet. We haven't
had alot of luck with many rigs on 9600 baud packet around Raleigh.
Motorola Mitrex seems to be the only one that works well.

This synthesized rig is advertised to work well. Any body got any
hands on experience???

****
* Alan Harp K4PB * Bell-Northern Research * CW FOREVER *
* mail: harp@bnr.ca * Research Triangle Park, NC * *
****

1687. lafayette ha-350 rcvr what's it worth?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: w3ivg@postoffice.ptd.net
Message-ID: <DEL6MJ.F3J@postoffice.ptd.net>
Source record: 212775

```
lafayette communications receiver model ha-350
mint condition with 6 and 2 meter converter
and original manual. it's for sale
joe w3ivg
```

1688. Re: Feedback On Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DEL6z5.rn@iglou.com>
Source record: 212776

Tom. Get one of those Radio Shack jobs. They are cheap and work fine. I
have one here. I saw one posted for $150 on the swapnet.

Tomas Wennstrom (tomas.wennstrom@swedx.ct.se) wrote:
: Hi!

: I'm am 16 years old and are going to buy my first a H-T, but I don't know
: which one to chooce.
: After going through my economy the possible options left are:

: IC-T22E
: IC-W21E
: IC-W21ET
: IC-T21E
: and FT-11R

: I would like to have some feedback about these radios, cause I don't know
: anything about them.
: Or maybe, if there is someone else that's better, then let me know.

: I know about one problem with T21E. The antenna plug isn't a standard one.
: I think it's a SMA conntact.
: Is this good, bad or what? How do I solve the connection problem
: when I put my radio to a external antenna?

: A other problem is that I don't really know my needs.
: I would like to operate mobile and therefor a car antenna, external
: microphone and cigarette lighter cable are included in my budget.
: I would also like to operate bicycle-mobile. What's needed for that kind
: of operation? Any ideas or suggestions?

: As a new ham, it's hard to know what's right and therefor I hope someone will
: share his knowledge.

: If the above questions are a FAQ, I'm sorry.

: Tomas, SM7VLF
: a sixteen year old unexperienced ham

: ... One atom bomb could ruin your whole day...
: ___ Blue Wave/QWK v2.11
:
:

--
Steve
n4lq@iglou.com

1689. DXCC Laminated Card

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: gserfass@callnet.com
Message-ID: <42pd9d$a3k@kiwi.futuris.net>
Source record: 212777

```
TRC - Laminated DXCC card $4.00
Over 300 listings - two sided

Repeater Directories: Executive wallet size
All pages laminated and includes
color map.
Each state sold separately. Each directory
is sorted by CITY and by FREQUENCY!
You must see to believe it! A great gift item.

Call TRC @ (203) 878-0551
```

1690. ICOM 3220

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: THYGESEN_MTT@jt.dk
Message-ID: <DEL6KJ.G04@jt.dk>
Source record: 212778

Hi

Does anyone know something about mods. for a ICOM 3220

please answer.

73

Michael

1691. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DEL72v.zJ@iglou.com>
Source record: 212779

If that's the walkie talkie, it works fine. I have one at home and it was
well worth the money. I know they also sell a mobile 2m rig but I'm not
familiar with it.

Drew Durigan (VUBS79A@prodigy.com) wrote:
: What great timing! I just passed my tests this past weekend and should
: be getting my Tech-Plus ticket soon. My 2510's all ready to go on 10-
: meters (finally get to use that radio for it's "intended" purpose :-),
: but I need to get me a good, inexpensive 2-meter rig to get started with.

: I understand Radio Shack has put the HTX-202 on sale for $199 this month.
: Is this a good radio or another one of those famous "Rat Scrap Lemons?"
: Is it worth $199, or would I do better elsewhere?

: Comments?

: -Drew in Charlotte-

--
Steve
n4lq@iglou.com

1692. Tone squelch Alinco DJ580T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: ga19989@evax01.d51.lilly.com
Message-ID: <1995Sep8.074913.1@evax01.d51.lilly.com>
Source record: 212780

I have an Alinco 580T handheld, 2m/440... nice HT, display a little small for old eyes... so maybe I am missing something... BUT

The tone squelch works nice, as our 443 repeater sends a subaudible tone so we can lock out the intermod and repeater I.D.... great... except the tone squelch of the 580T delays about 2 seconds before it opens up, and I miss the first 2 seconds of the other guy's transmission... any software fixes for this?

The other problem with the tone squelch is that it only works when I am monitoring that band (i.e. the 443 tone squelch is diabled when the radio's 2 meter transmitter is enabled)... any proven remedies to keep the tone squelch enabled when I am using the opposite band?

These are minor problems, so if no replies I will not sell the radio... it has been great otherwise (excpet my dog has found a way to erase everything in its memory.... twice! :)

Good hamming

Mel KJ9C
mjc@lilly.com

1693. Re: Tone squelch Alinco DJ580T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <42phe4$bea@newsbf02.news.aol.com>
Source record: 212781

MEl: The 580 only has tone squelch decode capability for one side at a time. Not dual decode. I know, as I used to have one. The tone delay , not sure about that. Could be something more to do with the repeater tone output than the 580.
73's Mike KS4DA

1694. Re: 2meter Handheld for newbie

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDEK8z2.2p6@netcom.com>
Source record: 212782

Drew Durigan (VUBS79A@prodigy.com) wrote:

: WHERE? Is this a local sale? Here in Charlotte, they still want $259.95.

I doubt that it is a local sale. I just received my sale catalog in the
mail yesterday, and the $60-off price is good there.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

1695. Re: Scout Freq Compensation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DEKA4r.Apy@iglou.com>
Source record: 212783

Most Scouts I have QSOed on cw have this problem. Also, voltage
regulation is quite critical as they tend to drift with the voltage.
While visiting Ten Tec last year, I asked the engineer about this and
they said " what do you expect from a low cost rig"?
Some do it worse than others for some unknown reason.
I would consider a pre-owned IC-735. Compare that to the cost of a fully
coiled Scout.
--
Steve
n4lq@iglou.com

1696. Re: Anyone on 900 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: palmercbs@aol.com
Message-ID: <42qogo$3hd@newsbf02.news.aol.com>
Source record: 212784

There is life on 900 Mhz, but I doubt if you will find any commercial gear to get on that band.

Most of the activity 0n 902 Mhz. is USB operated by the VHF / UHF buffs. The only way I'm aware of to get on that band is to use a transverter and a 2M all-mode as the i.f. rig.

Down East Microwave sells 902 transverter kits which are very simple to assemble and get on the air. There are also 902 loop yagi antennas available for that band.

I work 6 thru 2304, and I think you will find 902 to be the least populated of all the VHF / UHF bands, but there is good activity there during contests and good tropo openings.

1697. 4-SALE or Trade: SWAN-500 HF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: martija@wkuvx1.wku.edu
Message-ID: <1995Sep8.085429.1@wkuvx2.wku.edu>
Source record: 212785

I have a SWAN-500 HF Transceiver with AC power supply for sale or preferably trade for a 20amp 12VDC Astron power supply. Make offer.

The transceiver is in very good shape, however, it may need a little attention, it has not been turned on for a couple of years. The radio would work good for someone who already has a SWAN-500 and use it for parts.

Thanks, please direct e-mail me if you would like to respond.

73's
Jeff, N5KOL

1698. Re: For Sale: Collins 75A4 and KWS1

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: Tony Seaton <tony.seaton@turner.com>
Message-ID: <42pm07$7ks@tbsnames.turner.com>
Source record: 212786

if not sold i will take the collins eqpt.pse reply with details e-mail or preferably call tony seaton at 770-967-0257 and leave msg.tnx

1699. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: gcouger@jsun.agen.okstate.edu
Message-ID: <42qj48$1jbn@bubba.ucc.okstate.edu>
Source record: 212787

At $199 this month they are a great buy.
Gordon AB5DG
In article <42qemi$j7b@newsbf02.news.aol.com>, PTracy <ptracy@aol.com> wrote:
>In article <42mrtt$3bu@nonews.col.hp.com>, jms@col.hp.com (Mike
>Stansberry) writes:
>
>> Lots of folks put down
>>the R.S. H.T.s because they won't receive/transmit out of the ham
>>bands. I have a scanner to listen out of band, and I'm not licensed
>>to transmit out of the ham bands. Go for it.
>
>I for one wish that MORE VHF /UHF tranceivers wouldn't go out of band. As
>much fun as they are, my own personal experiance with Kenwood, Icom, and
>Alinco is that the front ends, if there are any ,are broad as a barn door.
> I have tried 3 different radios on from my fixed / home location, and
>every one of them gets wiped out. Useless as tits on a bull. Front end
>overload. A ham band only tranceiver would at least have the possibility
>of having some kind of front end selectivity. Granted, a radio made for
>mobile operation can't be expected to perform as well as or be as
>selective as a "base" style radio, but they sure could be alot better.
>The only radio I have that works while hooked up to an outside gain
>antenna is a 20+ year old ICOM IC-230 which has helical resonators in the
>front end. Unfortunately, it does'nt do the 145 sub-band, and does not
>have any built in CTCSS tones. My only other option for a 2 Meter radio,
>if I ever really feel the need, is an old GE MASTR II with an outboard
>synthesizer. Yech.
>
>Many questions have been posted about out of band mods for this radio or
>that radio, and my favorite response, and one that I agree wholeheartedly
>with, is the "Tape a scanner to the back side of your radio" type of
>reply.
>
>BTW, how many of you guys have a single or dual band radio with the out of
>band mods done, (rx AND tx) have accidently transmitted someplace you
>really shouldn't be? Hmmmm. Just curious.
>

Gordon Couger - 624 Cheyenne, Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405-624-2855 evenings
I do not speak for my employer

1700. Feedback On Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12629.12.uupcb@totrbbs.radio.org>
Source record: 212788

SE>Tom. Get one of those Radio Shack jobs. They are cheap and work fine. I
SE>have one here. I saw one posted for $150 on the swapnet.

I have one of those too and agree. The Radio Shack 2 meter and 440 are
both giving me good service. A friend of mine said he was having
trouble with his on packet, however, mine works great on packet.

I also have an FT-530 Yeasu which I will recommend even though it is
higher priced. It is dual band, is modifiable for aircraft band.
With the right antenna (I use the diamond RH77CA) and battery pack (I
use a look-a-like 12 volt for high power operation; also a 7.2 volt 1.5
amp hour for very low power, long time operation) You really get the
best of all worlds. It is about ...uh... $425 ? You'd better check
that I can't quite remember, I have had mine for a while now.

. OLX 2.1 TD . Hello, I am part number ....
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1701. Kenwood TM-733

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12630.12.uupcb@totrbbs.radio.org>
Source record: 212789

Can anyone relate to me any negative, (or positive) experiences with
9600 baud TNCs connected to the KW TM-733 ? I already have the radio.
But I am going to purchase a 9600 baud TNC soon. Tell me your
experiences and if you wanna make me a deal let me know about that too.
My phone number in the shack, voice and fax is 770-414-0680.

Steve

. OLX 2.1 TD . This tagline stolen by Off-Line Xpress!
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1702. FS heathkit gear

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: bill.phelps@totrbbs.radio.org
Message-ID: <12652.12.uupcb@totrbbs.radio.org>
Source record: 212790

Hello Jim,and i hope you get this,as i am new at all this net stuff.....:).I might be interested in your 101.amd power supply.My name is Bill Phelps at 404-361-3111.So,sounds like you are at least in 4 land.So,call me collect and we can talk.So,thanks a lot and have a nice weekend,Jim.
bill.phelps.@wa4bro.atl.ga.us

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1703. Re: Feedback On Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <42pqb9$7tm@usenetw1.news.prodigy.com>
Source record: 212791

>SE>Tom. Get one of those Radio Shack jobs. They are cheap and work fine.
I
>SE>have one here. I saw one posted for $150 on the swapnet.

Get a new one instead! They're on sale for $199 (reg. $259) this month.

-Drew in Charlotte-

1704. Re: Feedback On Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: mri@clark.net
Message-ID: <42q2eu$ljv@clarknet.clark.net>
Source record: 212792

Drew Durigan (VUBS79A@prodigy.com) wrote:
: >SE>Tom. Get one of those Radio Shack jobs. They are cheap and work fine.
: I
: >SE>have one here. I saw one posted for $150 on the swapnet.
: Get a new one instead! They're on sale for $199 (reg. $259) this month.
: -Drew in Charlotte-
. . . . . .
Do they have Radio Shack in Sweden ?

1705. A question about the Radio Skack SWR/PWR meter for 2meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: BRETSKI <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.91.950908130745.31936A-100000@storm.atms.purdue.edu>
Source record: 212793

I have a Radio Shack 144/430 SWR PWR meter.
What is the bottom scale? I know it is the 15 watt range SWR scale
but there is a % sign on the right side. What does this mean?

Thanks

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\

1706. Re: Macintosh-Users - Help me !

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: gingrich@lma.com
Message-ID: <gingrich-0809951200050001@ts02-ind-8.iquest.net>
Source record: 212794

In article <009960EA.CE425DC0.10@pozn1v.tup.edu.pl>,
borowiak@pozn1v.put.poznan.PL wrote:

> Is there someone who have experience in using Macintosh for amateur-radio
> activity ?
>

I use a retired powerbook 145 for vhf packet running the KA9Q/PA2AGA
version of NOS for TCP/IP packet.

You will find virtually all of the hamradio software, including Macintosh
software at ftp.ucsd.edu.

Good Luck

Dave, K9DC

==
David C. Gingrich, K9DC Internet: gingrich@lma.com
Lockman Mills & Associates Office: (317) 845-0204
Telecommunications Consultants Fax: (317) 845-0163
7007 Graham Road, Suite 201 Res: (317) 849-1353
Indianapolis, Indiana 46220 http://www.lma.com/lma/
==

1707. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-08 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <42qvt9$fgq@newsbf02.news.aol.com>
Source record: 212795

In article <42pi3s$a0h@ixnews3.ix.netcom.com>, jaypvic@ix.netcom.com (Victor Liguori) writes:

>People can buy guns that can kill (so can a knife), but it is the >responabilty of the owner not to break the law. Most owners of guns and >knifes do not go and kill someone. There is no law against owning a HAM >tranceiver without a ham licence.

So can a pencil, a rock, a 2x4, a 12" Woofer,
etc....
or you can choke on a Nerf football I suppose.

Good point. It's a simple concept, but one that escapes many. The whole concept of personal responsibilty is totally foreign to so many people in the 90's. The whole firearms debate a good example. This is neither the time or the place to discuss firearms, and I will not, but it serves as a good example. Too many people see a little, insignificant non-problem, and immediatly start whining to their legislators (or the ARRL) and newspapers declaring a problem a "crisis" that needs immidiate attention. Lawmakers all to eager to find a vote, jump in, write a new law or two, get some free TV coverage, and declare it solved. What's even scarrier, we believe it! How about the ECPA of 1984? Or the ban on amplifiers capable of opeation between 26 and 30 MHz. If an example of extreme stupidity is required, how about the 55 MPH speed limit? Would anybody really trust congress with writing a law as to who and who shall not be able to purchase Amateur Radio equipment? Or worse yet, the Executive branch to issue an Executive order? Not that the executive branch has the time or the interest, they have neither, but on a slow news day, who knows?

I for one am quite willing to put up with a little intentional or malicious interference from an unlicensed operator rather than to have even more of my few remaining rights disolved by yet another stupid, poorly conceived, poorly implemented, poorly written law, to solve a problem that doesn't exist. I am quite sure that anybody who has spent any time on the radio has probably been the recipiant of malicious / intentional interference from many more licensed operators than unlicensed.

A store owner may now decide on his or her own, without the rule of law, not to sell amateur equipment to an unlicensed individual. Whatever path he or she chooses, is allright with me, great, I honestly don't care. Sadly though, the store owner will in all probabilty end up in court on some kind of a make believe discrimination charge, because the law doesn't "specifically prohibit" the selling of Amateur Radio equipment to unlicensed individuals. Aren't the 90's great? So what's it going to be?

More bad laws, or personal freedoms? I'll take the latter, with the associated risks and pitfalls that come with it, thankyou.

Pat, "OH, I'VE BEEN OFFENDED, CALL MY LAWYER" , KE1C

1708. WTB- Recording equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: mhline@aol.com
Message-ID: <42sc0t$gqt@newsbf02.news.aol.com>
Source record: 212652

I own a home recording studio in Southern California, and I am interested in buying all kinds of professional recording gear such as microphones, compressors etc.

If you have anything that you wish to sell, please let me know.

Thanks.......Mark

1709. Any Comments on Radio Shack Digital SWR/Power Meter?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: ddeeds@aol.com
Message-ID: <42shk6$ib3@newsbf02.news.aol.com>
Source record: 212653

Does anyone have any comments yet about the new SWR meter from Radio Shack? I am one of the engineers that worked on the unit and would appreciate feedback, positive or negative.

Doug Deeds
KA8CTL

1710. Re: 2m/70cm Handheld Reccomendations ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: dgbart@primenet.com
Message-ID: <42s21v$lpd@nnrp3.primenet.com>
Source record: 212654

>: David M. Comer <dcomer@mack.rt66.com> wrote:
>: >Probably a FAQ, but I'm new to HAM....
>: >
>: >I just passed my no-code yesterday and am looking to purchase an 2m/70cm
>: >handheld. 1-1/4 would be nice, but... What I would like is to hear from
>: >some experienced handheld users as to the types of features that are
>: >particularly handy (e.g. num. of memories, EEPROM, etc.) Also, if there
>: >are any particular units worth considering, I'd appreciate some input as
>: >to your experience with the units. I appreciate your input. Feel free to
>: >e-mail me, however, I would guess that there are plenty of new HAMs
>: >looking for the same, so a post is preferred.
>: >
>: >73
>: >Dave Comer (Waiting on the FCC)
>
>Although people say to watch out for "twin banders" vs "dual banders"
>etc, I have never in fact encountered a 2 band radio which will not
>recieve both bands at once.
>
>Apparently some radios will recieve two frequencies in the same band at
once.
>
>Bells and whistles worth having include battery save functions, DTMF (in
>the states, not so useful in Aus), CTCSS (useful if people you talk to
>regularly have it).
>
>Spaeker mike is useful, radio in inside pocket, mike on helmet strap when
>riding motorbike, radio in pack when skiing etc.
>
>Extra battery pack is near essential, always charge flat battery
>immediately and carry it, always use a battery until flat, then change
>battery and charge the flat one that evening. This way you always have a
>charged battery, you don't lose track of what is charged and what isn't,
>and you don't recharge half flat batterys (a big no no with ni cads)
>
>A "better rubber duck" is a bonus too. I have an antenna which is about a
>quarter wave on 2m and 5/8 on 70cm which works well but pokes in my ears,
>eyes and nose if I put the radio in my inside coat pocket. Works well
>when packed near the top of a pack. This cost about $30 in Aus, so
>something similar should be about US$15-20 for you.
>
>Graham VK3TGW

Good points all around. A good dual-bander is the IC-W21AT from Icom, but it's a couple of years old now and their newer models (which I haven't researched since I'm not looking to buy right now) might be even better.

2M and 440, true dual band, listen to ANY two frequencies at the same time (VHF/UHF, V/V, U/U), 35 memories per band, very good scanning/searching ability, and a nice small size. Only problem is that some people can't work the small buttons (I don't find them a problem). Large display shows you both frequencies at once; separate volume/squelch controls for each band; can output separate bands to external speaker and internal one at the same time, many other nice features.

I have a Web page with some additional info for the W21AT, V21AT and X21AT (I have the latter two).

http://www.primenet.com/~dgbart/icomx21.html

--
-Dave
dgbart@primenet.com
WB6WKB
Home page: http://www.primenet.com/~dgbart/

1711. Re: AEA PK-232MBX & Yaesu FT-736R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: Kim Ivey <kivey@companet.net>
Message-ID: <42sdu2$rj1@rebud.companet.net>
Source record: 212655
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

I may not be of any help to you on the FT-736R infor, but I have a FT-990 and it has 2 different "data" ports on the rear of the radio. One is for rtty and the other is for packet. The packet port is a 5 pin din plug. I use this port for all the digital communications. When I press the PKT button on the front panel, it selects the LSB as well. This port is active at all times, it also disables the mic port. I talked to the Yaesu reps at a local hamfest and they said this would work fine.

I may not have understood your inquery fully, however when you hook the TNC to the FT-736R just try to put the rig in the FM mode instead of the pkt.

Hope this info will help.

If you want to reply to me the my e-mail address is jivey@companet.net. I just happen to notice that i was connected on my daughters address.

Good luck!!!

Joe Ivey, kk4qi
14488 Parker Road
Athens, al. 35611

1712. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <42sjo0$ir0@newsbf02.news.aol.com>
Source record: 212656

In article <42seug$hkv@newsbf02.news.aol.com>, w8jitom@aol.com (W8JI Tom)
writes:

>But then who knows in this crazy world? It ain't over til the fat lady
>sues (used to be "sings").

Good Lord, that's a great one. Tom, do I have your permission to use that
in casual conversation? I almost wet my pants laughing so hard when I
read it.

That's why I'm
>voting the Ted Kennedy-Don King ticket. Preferential treatment must be
>stopped. We need to improved moral fiber in our leaders.
>
Huh? That one totally escapes me. Is that so toungue in cheek that it
flew over my head?

Pat

1713. Re: Audio question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <42solo$7td@hg.oro.net>
Source record: 212657

d010421c@dcfreenet.seflin.lib.fl.us (Ken Becker) wrote:

>I know this is not the right place,but I am sure many of you are familiar
>with what I am trying to figure out. I have a quadraphonic preamp-tuner,
>and I want to use the AUX input for two sources of high impedance signal,
>a TV and a CD player. i would rather use a y connector than to have to
>build an "a/b" switch, and I will never be playing the TV at tthethe same
>time as the CD player, I am concerned about the resisitance of the unused
>source loading down the circuit, or causing distortion. Am I worrying
>unneccessarily? Thanks for any advice. BTW each unit works fine through
>the aux input now.

>--

>Ken Becker
>d010421c@dcfreenet.seflin.lib.fl.us

Sorry that ASCII gives such a lousy way to answer, but I'm going to
have to do it with words instead of pictures -- so stand by for
thousands of words!!

Terminate both the TV and the CD player with what they "want" to see
in the way of load resistance with a real resistor. Then run two
resistors from these loaded outputs in a "Y" and into the preamp. The
values of these resistors should be the value of the input impedance
of the preamp or lower so you don't lose a lot of signal. Most
preamps are designed with 10K and above input impedances. If you
can't find the input impedance in the specs, just take one of the
sources and put resistors in series with the input until you can
"just" hear a decrease in loudness. This is 6 dB, or so close to it
you won't care. This value is the input impedance of the preamp.

Sorry it took so much bandwidth to do what 5 schematic symbols would
have done, but oh, well...

Jim

Jim Weir VP Engineering | "I turned to my wife, as startled as the
RST Engineering | pilot by what I'd seen. Dirt-streaked,
Grass Valley CA 95945 | glorious, she smiled at me, tear-bright
voice/fax 916/272-1432 | radiance. 'Richie, they're going to try
rst-engr@oro.net | for it!' she said, "Wish them love!'" (Bach)

1714. Ramsey FM-4 FM BCB xmtr kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <42suav$64p@omnifest.uwm.edu>
Source record: 212658

Yeah, I know it's off-topic, but does anyone out there have any direct personal experience with Ramsey Electronics' FM-4 kit? I'm thinking about using it as part of a system for simultaneous translation of meetings, and I was wondering about range, sound quality, using it with boom-mike headsets, etc.

TNX ES 73,

Rick WB9GYT

1715. Re: High Voltage Power Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <42radm$p0t@newsbf02.news.aol.com>
Source record: 212659

In article <42ms27$iaq@newsbf02.news.aol.com>, w8jitom@aol.com (W8JI Tom)
writes:

>
>Is this a switching supply?
>
>73 Tom

Hello? Are you there?

1716. Re: Scout Freq Compensation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: ultravis@ix.netcom.com
Message-ID: <42t7ov$o74@ixnews3.ix.netcom.com>
Source record: 212660

In <42mkub$41o@kodak.rdcs.Kodak.COM> mitchell@slate.kodak.com (Brad Mitchel) writes:
>
>
>Hello all, I was considering buying a Scout for my vehicle, but
>I ran accros a ham who sent his back because of the fact that
>the radio compensates for it's frequency in 100 HZ increments
>right in the middle of a word.
>Now the question is..

>73 Brad WB8YGG
>
>
>bmitchel@kodak.com

Ive been using my scout mobile in a lifted Suzuki Samarai (AKA Rides like a rock!) only drift problem that Ive encounterd is when I drift over to the side of the road my hf antenna gets torn off by those occasional trees.
Henry KE4WBW

1717. Any Mods for Kenwood TM-241A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: Spackrat@server0.cybernetics.net
Message-ID: <42s43f$ec2@ralph.vnet.net>
Source record: 212661

Are there any mods for the 241A? I haven't seen anything listed in the usual sites I check for mods. Thanks.

1718. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <42seug$hkv@newsbf02.news.aol.com>
Source record: 212662

In article <810632752.23602@pinetree.microserve.com>,
jackl@pinetree.microserve.com (WB3U) writes:

>I didn't say it was immoral to sell to unlicensed persons, although in
>fact it doesn't meet the standards I would set for myself in that
>position. The only immorality I've seen mentioned is the suggestion
>that dealers should be forced by law to sell to everyone. This
>concept is just as immoral as a law *prohibiting* them from selling to
>everyone. Comprende mi amigo?
>
>73,
>
>Jack WB3U

Right on Brother Jack,

We all have opinions, and they are all worth what we charge for them.
Allow me to contribute another priceless (or is it valueless) personal
non-expert opinion to this big pile of opinions.

If the dealer refuses to sell something because he thinks it will be used
illegally, more power to him. I seriously doubt that any Judge or jury
could find him at fault for attempting to avoid providing equipment used
to commit a crime. In my opinion, if the dealer knows or suspects the
radio stuff is going to used illegally and he sells it...then in my eyes
he's a piece of dog s...(oops) scum.

But then who knows in this crazy world? It ain't over til the fat lady
sues (used to be "sings").

People need to quit whining so much about rights. If we receive any more
protection for our rights we won't have any rights left. That's why I'm
voting the Ted Kennedy-Don King ticket. Preferential treatment must be
stopped. We need to improved moral fiber in our leaders.

73 Tom

1719. GPS Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: Scott Remington <saremington@delphi.com>
Message-ID: <RXGClqD.saremington@delphi.com>
Source record: 212663

Hello all,

I am considering purchasing a GPS receiver in the immediate future and would like comments on the various models currently on the market. Personal experience and/or rumors greatly appreciated. I've been looking at the Sony IPS760 because of the immediate bells&whistles reaction.

Thanks in advance,

Scott
KC7MRV

1720. WTB: Old Transistor and Tube Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: ramair4@delphi.com
Message-ID: <RZIANCO.ramair4@delphi.com>
Source record: 212664

Hello!

I am a collector of old transistor and tube type radios. Primarily interested in Japanese shirt pocket transistors from late 1950's to early 1960's. Also interested in older tube sets from 1920's to 1940's. Please let me know if you have any you want to
sell, I pay well for the radios I buy.

Thanks,

Ramair4@delphi.com

1721. Re: IC-736 Comments Please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: william@cortex
Message-ID: <42t79c$93m@medulla.ama.ttuhsc.edu>
Source record: 212665

Jon Burt (jon.burt@totrbbs.radio.org) wrote:
: Ed,
: I just bought a IC-736 about 6 weeks ago. It was a big step up from
: my old Ft-101ee! I think its a great radio, and I enjoy it, but If
: I were to do it over, I think I would buy the 738 instead. 6m is nice
: to have, but not too much there... The main problem w/ the 736 is the
: lack of portability due to the built in power supply... of course, that
: is also a feature. Good Luck!
: 73 de Jon
: KC4UKK

My only beef is the rudimentary PL tone board available. If you need to
get into more than one 6m repeater , pray that they use the same PL tone.

The tone board option is programmed by soldering jumpers !

Not something you can exactly do on the fly !

--
William C. Biggs , MD
KC5JIF Howdy from the High Plains of Texas
1900 South Coulter Drive
Amarillo, TX 79106

1722. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: bsmart@globalvision.net
Message-ID: <bsmart-0909950010420001@d71.globalvision.net>
Source record: 212666

I remember someone saying a couple of posts back that they prefered some Kenwood units over the RS one due to their shirt-pocket size. My question is, how much transmit power do you give up by going this route, and how thick of bloves must you wear while transmitting to avoid the heat <G>.

KE4QQN

--
Bryan Smart
Email: bsmart@globalvision.net

1723. Kenwood TM-255A Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: token@owens.ridgecrest.ca.us
Message-ID: <DEMH60.LH4@ridgecrest.ca.us>
Source record: 212667

Just wondering if anyone has any mods, at all, for the TM-255A.

I have had mine for a while now and am very pleased with it. But I am
interested in any way it can be improved.

Also, does anyone know if kenwood is going to produce a transverter
to go with the 1.2 GHz and 2.4 GHz readout capability of this rig?

73s and good day.

****
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
****

1724. Re: What good is 6 Meters?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep9.044315.20032@ke4zv.atl.ga.us>
Source record: 212668

In article <orbelld-3008951615150001@204.41.1.203> orbelld@pcbe.edu.on.ca (David Orbell) writes:
> My interest in 6m is growing.....thought I'd throw out a few questions
>going through my mind.
>
> Is a multi mode 6M rig worth the expense(when I don't have an HF rig
>that will take a 6M model) or do most just work FM?
>Do most just work simplex, or work repeaters?

The 6 meter operation mix is similar to what you find on 10 meters. Lots of SSB, some CW, and a good bit of FM repeating. An all-mode is worthwhile. The band is open less often than 10 meters, but when it is, it's almost as good. There's also some radio control activity for models on 6 that's missing from 10 meters, and 6 excells for meteor scatter operation since the required electron density almost perfectly matches what's available from typical meteor trails.

>Do operaters on 6M have problems causing interference on the TV
>frequencies?(I've heard that used to be a problem)

Yes, it still is, even with cable. Low power operation annoys the fewest neighbors. Mobile operation typically annoys more people, but for shorter periods, and they're less likely to know who you are and where you live, so the chance of revenge is less.

>Why do many 6M Rigs only operate on 10 watts?

It's the power limit for Class B Japanese licensees. The US demand for 6 meter equipment isn't large enough for most Japanese companies to produce a separate higher powered rig. Though there is a trend toward the 100 watt class in multimodes, at a premium price, and in rigs that include 6 meters with HF coverage where the same PA module can be used with only a tuned circuit change.

As an aside, logic dictates that there are only 3 worthwhile amateur power levels, 10 watts, 100 watts, and 1000 watts, though some would argue for 1 watt to be included for HTs. Each is a 10 db step from the other, and that's the smallest really noticable change in power. Of course there are those who struggle for every femtowatt differential, but it's usually a waste of effort. (Not always, of course, there are marginal situations where a small power increment makes the difference, but they're more exceptions than rules, especially when skywave propagation is involved.) Some would argue for 5 watts, 50 watts, and 500 watts as the steps instead, and I wouldn't disagree.

Gary
--
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534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1725. Re: Radio Shack 2m HT - Is it a good by for the price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep9.050939.20149@ke4zv.atl.ga.us>
Source record: 212669

In article <1995Aug31.125302.1@vax.sonoma.edu> harrisok@vax.sonoma.edu (Ken Harrison) writes:
>hdc@netmetro.com (hdc@netmetro.com) wrote:
>> I would appreciate your comments on the Radio Shack 2m Handheld
>> transceiver.
>> I'm a rank beginner with my new tech licence, looking for my
>> first rig.
>
>Not to send you off the track of a HTX-202, but I've just heard about
>the 4th radio in my county going on the blink. Intermittent transmit.
>All the same problem. The latest one is 3 months old. Whenever used
>on 12 V. it is on a mobile 5/8 antenna.

Ah, this is the "ERR 2" problem, right? It's caused by RF feedback.
Use of a properly thru-hole mounted mobile antenna, properly matched,
will eliminate this. High supply voltage (equates to high output
power) with the rubber dummy load can also cause an ERR 2 condition.
The VCO is being driven out of lock by the RF feedback. Resetting
the radio will recover from this condition without resort to the
service center. (Better VCO shielding, or smarter firmware recovery,
would avoid this annoyance, but no radio is perfect.)

>It is reported that the HTX-202 is very good in a high RF environment. It
>tends to not suffer from intermod interference. This might be something
>to consider, too.

This is the outstanding feature of the unit. The HTX-202 is simply
the best current production amateur HT in this regard. The 202 is
not as nice as many other HTs on the market in most respects, but
the freedom from intermod can make it the best choice for many
urban hams.

(I have no axe to grind, I'm using a different brand myself because
I need dual band capability, but this is a good radio and I wish
my dualbander were as free from intermod.)

Gary
--
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534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1726. Re: opinions on Standard C508A?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep9.055938.20453@ke4zv.atl.ga.us>
Source record: 212670

In article <424vft$iu7@bigblue.oit.unc.edu> help@oit.unc.edu (User Services) writes:
>I'm thinking about getting the C508A for its size and low power demand, but
>I'm worried about not having autopatch capabilities. Please give me your
>opinion of this radio. Universal Radio has them back ordered. Thanks.

I like mine, but then I don't have a patch on my repeater, and I do
have a cellphone. I'm surprised by how well this little radio works.
Battery life is great. Intermod is much less than I had expected,
though there is some. Audio quality is good, both transmit and
receive, though receive volume is limited and might be a problem
in very noisy areas. The manual sucks, I mean *really* sucks (and
is insulting to a ham with an IQ above plant life too), but you can
figure it out if you try. There is no schematic or board layout or
theory of operation section, major bummer.

It takes Icom/Yaesu/Radio Shack/MFJ speaker mikes (and packet cables),
and I suppose you might find a mike with a TT pad on it (kind of silly
really, to have a mike bigger than the radio). The supplied rubber dummy
load is pretty good in the ham bands, but sucks rocks outside the bands,
a major bummer considering the wideband capabilities of the rig as a
scanner substitute (but likely a major contributor to the good intermod
performance in band). Comet has introduced a gain antenna for the rig
that works much better out of band. Big though. The rig has a SMA antenna
connector which limits antenna choice, and I wouldn't recomend swapping
it back and forth to a mobile antenna since the little connector would
wear out quickly.

The low output power surprisingly isn't a problem. It gets in almost
anywhere my FT470 does, both used as handhelds and not as mobile rig
substitutes.

All in all, a good buy for what it is (I don't expect it to substitute
for a mobile rig, and it makes a great "remote mike" for a crossband
capable mobile rig). I'm keeping mine.

Gary
--
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Lawrenceville, GA 30244 | |

1727. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810633630.23602@pinetree.microserve.com>
Source record: 212671

steve.sims@totrbbs.radio.org (Steve Sims) wrote:

>Every member is going a little too far, but what society has really
>forgotten was that there ARE NO public businesses for most social
>needs, only private ones.

What about public schools, public hospitals, public armed forces,
public police, public construction departments, etc. etc. Last I
heard, the Gross National Product now consists of publicly-funded
services as a *majority*.

<<snip>>

>I have often felt that in many ways America is at both extremes like
>kids at extreme opposite ends of a seesaw. What is needed is for
>both to come closer to the middle.

There is no viable middle. One extreme is unbridled government
control without regard for individual rights, the other is the
absolute protection of those rights. Despite efforts to confuse these
issues, I know which is the preferable state.

73,

Jack WB3U

1728. Re: A question about the Radio Skack SWR/PWR meter for 2meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <42rcvr$fdc@gw.PacBell.COM>
Source record: 212672

In article <Pine.A32.3.91.950908130745.31936A-100000@storm.atms.purdue.edu>,
BRETSKI <bap@storm.atms.purdue.edu> wrote:
>
>I have a Radio Shack 144/430 SWR PWR meter.
>What is the bottom scale? I know it is the 15 watt range SWR scale
>but there is a % sign on the right side. What does this mean?
>
I also have a Radio Shack 144/430 SWR PWR meter, but there's no
"%" on it that I can find. The meter is Cat no 19-320, BTW.
I wish somebody could make me understand the "SWR correction
curves on the back. They are there to correct meter error at
certain low power levels, but I'm just too dense to use them.

(Duhhh ;-) 73

--

John A Minger KE6DTC Opinions expressed are those of the author
Los Angeles, CA and not those of anyone or anything else.

1729. Re: IBM-AT 286 computer "quiet" for HF?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep9.064919.20842@ke4zv.atl.ga.us>
Source record: 212673

In article <42af2e$6v4@newsbf02.news.aol.com> mparkes@aol.com (Mparkes) writes:
>I have an opportunity to buy an IBM -AT model 5170, 286 computer which I
>want to use on HF digital modes (amtor, pactor, Clover) using the HAL P38
>board. Does anyone have any knowledge if this was a QUIET computer? I
>don't want to buy something that's going to be generating a lot of noise
>on HF. Any feedback is greatly appreciated!
>73's Mike KS4DA

That's an old boat anchor machine. It's not particularly quiet,
but can be made so with sufficient shielding effort. In general,
modern motherboards are quieter than older ones because they
use multilayer construction with internal ground planes, and
because they use lower power parts. The case on that old machine
is pretty solid compared to some of the mostly plastic new ones,
however, and you can apply standard shielding techniques to
contain the noise inside the case.

Most of the noise that will bother you on HF, however, typically
comes from the monitor. The latest "green" monitors are usually
quieter than older monitors. And color monitors are somewhat
easier to shield than monochrome monitors.

It's difficult to make recomendations by model on which computers
are quiet and which aren't. There's too much variation in the
details of assembly that matter most. Two computers by the same
manufacturer, built on the same day, can have widely different
noise output. A lot depends on the "bite" of the screws holding
the case together. Good shielding practice requires a solid
electrical connection along all seams. For painted cabinets with
few screws, that's really iffy. If you sand the paint off of
mating surfaces, and use a screw every two inches along the
seams, most any computer can be made quiet. Of course external
cables can radiate like mad. You need to use shielded cables,
with connectors with shielded hoods, and a ferrite bead or
two won't hurt either.

One thing that likely *won't* help is "grounding" the computer.
That just supplies another conductive path along which the
noise can radiate, and can create ground loops that make the
noise worse, though sometimes you can "short out" an existing
ground loop by using a direct ground connection. (There's nothing
magic about ground that sucks noise away.)

Gary
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Lawrenceville, GA 30244 | |

1730. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep9.070619.20955@ke4zv.atl.ga.us>
Source record: 212674

In article <42bbnd$m9f@ixnews2.ix.netcom.com> jdb99@ix.netcom.com (jdb) writes:
>I don't know which court that person won in, but I assure
>you have no legal rights (except for equal housing laws) that can force
>anyone to sell anything to you if they do not want to....

The UCC (Uniform Commercial Code) is adopted by most States. It
requires that if you open your doors to the public, you can't
discriminate in who you sell to, with certain exceptions, IE
you can't sell firearms or booze to minors for example because
they aren't legally eligble to buy them. There's no such legal
restriction against sales of radio equipment to unlicensed
individuals. Restricting sales to amateurs only is equivalent
to limiting service in a resturant to whites only. Posting a
sign doesn't make it legal. Of course the outcome of individual
cases depends on the competence of the lawyers and judges
involved, and the depth of the pockets of the litigants.

Gary
--
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Lawrenceville, GA 30244 | |

1731. Re: Ever Been a CB repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep9.071427.21047@ke4zv.atl.ga.us>
Source record: 212675

In article <810093393.17139@pinetree.microserve.com> jackl@pinetree.microserve.com (WB3U) writes:
>
>In article <charles1DEAxtv.15A@netcom.com>,
> charles1@netcom.com (charles copeland) wrote:
>>Have there ever been CB repeaters? If not, why not?
>
>The FCC doesn't allow it.

Yes they did, it was called Class A CB, and operated at UHF.
That's now called GMRS and is no longer called CB, but repeaters
are still allowed. Repeaters aren't, and never have been, allowed
for Class D CB. Classes B and C CB were for remote control, and
have been largely subsumed under other Parts now, but at least
at one time Class D wasn't the only CB service.

Gary
--
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Lawrenceville, GA 30244 | |

1732. [Q] Anyone using FRG8800 w/VHF module for digital WX satelitte reception?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: daryl@alliedpress.co.nz
Message-ID: <42ptle$o9l@celebrian.otago.ac.nz>
Source record: 212796

Is anyone out there using the Yaseu FRG8800 with the optional extra
VHF module for recieving low level orbiting satelitte (~137MHz)
signals?

If you are, letting me know how well it works would be much
appreciated.

Cheers,
Daryl.
ZL4TWO

1733. Re: September 95 CD-ROM Released

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: bob@ultranet.com
Message-ID: <42t1q7$kr7@caesar.ultra.net>
Source record: 212797
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

In article <42o96k$3ka@newsbf02.news.aol.com>, headshrnkr@aol.com proclaims...
>
>May I ask why you needed to SPAM this ad across 4 boards? One posting
>would have really been fine, ok?
>
>--
>--------------------------------
>
>
>"We, the people are the rightful masters of both the congress and the
>courts - not to overthrow the constitition, but to overthrow men who
>pervert the constitution" - A. Lincoln
>
>Bruce J. Howes
>HeadShrnkr@aol.com

I dont consider this a spam at all. Actually they are all places
where people who might get benefit from this fine product can be
found and they might appreciate knowing where they can get this
CDROM.

--
****
*** bob@ultranet.com ***
*** 74504.1273@compuserve.com ***
*** Amateur Radio Station KD1GG ***
*** AARL Club Station KB1BRM ***
****

1734. DJ-580T batteries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: travisp@ix.netcom.com
Message-ID: <42sevi$grb@ixnews5.ix.netcom.com>
Source record: 212798
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I think I have asked this before, but I need to know how long to charge the 7.4v and 12v batteries for the DJ-580T. If someone could repost this info I would appreciate it. I have the standard charger that came with the HT.

1735. FT-530 Mod...? Please Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: Brian Felt <litlemac@halcyon.com>
Message-ID: <42rb74$gvg@news.halcyon.com>
Source record: 212799

I have had my Yaesu FT-530 handheld for a year and a half now and recently had to reset the all of the memories. The problem with this is that it will no longer recieve out of band on the UHF side. I have had the hardware modified but never bothered to write down the sequence to get the out of band reception back. Can you help? Please E-mail back to one of the addresses below. Thank You!

Brian Felt/ KB7RSP
<litlemac@halcyon.com>
<felt@pluto.snoqualmie.wednet.edu>
<http://168.99.8.3/resumes/felt/home_page.html>

1736. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810632752.23602@pinetree.microserve.com>
Source record: 212800

steve.sims@totrbbs.radio.org (Steve Sims) wrote:
>jackl@pinetree.microserve.com (WB3U) wrote:

>>When needs and laws are determined for "social" reasons rather
>>than the preservation of easily recognized individual rights, we
>>have ceased to be a free society.

>Hardly. . . . Considering the whole (ie social determination) is
>like excercising for cardiovascular fitness. . . .

One of the problems with analogies is that their logic, while
persuasive, is often unrelated to the principles under discussion.
The above attempts to convince one of the merits of comparing sentient
individuals to body parts. I've heard similar analogies relating us
to ant colonies and bee hives. Buzz me up, Scotty.

>Freedom is defined in many ways.

Freedom is defined in only one way - the recognition, respect, and
protection of the rights of each individual.

>A self governing people generally express themselves through the
>vote.

There is no direct correlation between freedom and democracy. One has
to ignore many inconsistencies and unfounded assertions to believe
otherwise.

>But a grave mistake is made when back roads created by wealth begin
>thwarting the political process.

Those back roads are the result of a political system already
corrupted and insufficiently restrained by an inadequate Constitution.
The more it's thwarted, the greater the chance for majority
recognition of this fact. Have at it, guys.

>>The vendor owns the equipment and ** it is his property to do with
>>as he pleases. **

>By your same logic then it is morally sound to sell to unliscensed
>persons. (I added the stars in case you missed the point.)

I didn't say it was immoral to sell to unlicensed persons, although in
fact it doesn't meet the standards I would set for myself in that
position. The only immorality I've seen mentioned is the suggestion
that dealers should be forced by law to sell to everyone. This
concept is just as immoral as a law *prohibiting* them from selling to
everyone. Comprende mi amigo?

73,

Jack WB3U

1737. H.R.E. BUYS HAM GEAR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-09 00:00:00 UTC
From: joen6fra@teleport.COM
Message-ID: <199509090358.UAA08336@desiree.teleport.com>
Source record: 212801

HAM RADIO EQUIPMENT / H.R.E.
14355 S.W. BULL MTN. RD.
TIGARD, OREGON 97224
1 (800) 590-4736

H.R.E. IS A USED HAM RADIO STORE , WE ALWAYS NEED CLEAN RADIOS
AND EQUIPMENT...WE PAY TOP DOLLAR FOR NICE GEAR...
SOLID STATE HF RIGS WANTED !!! 2 MTR. MOBILES, DUAL BANDERS AND
OTHER HAM SHACK GEAR WANTED... WATT METERS, TUNERS AND GOODIES...
IF YOU HAVE GEAR TO SELL PLEASE CALL US ... TOLL FREE...

1738. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jdb99@ix.netcom.com
Message-ID: <42vsha$fc7@ixnews2.ix.netcom.com>
Source record: 212552

In <42vjin$66m@er7.rutgers.edu> hillgen@er7.rutgers.edu (the one)
writes:
>
>jackl@pinetree.microserve.com (WB3U) writes:
>
>> hillgen@er7.rutgers.edu (the one) wrote:
>
>>>Let it die already!
>
>>That's pretty funny. Someone telling Hams to shut up. :)
>
>
>You're missing my point totally! This type of argument is not
>what this group is ment for. THAT'S the point!
>
>Jay
>N2OTK

Then don't get in the middle of it.

1739. Re: Small transmitter and rec

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jds@neptune.net
Message-ID: <42vkol$snt@neptune.neptune.net>
Source record: 212553

In <12701.12.uupcb@totrbbs.radio.org> steve.sims@totrbbs.radio.org (Steve Sims) writes:

>CAH>Hi, I'm into launching model rockets, and need to come up with a very small
>CAH>transmitter, and a matching receiver, to be used in locating rockets. It
>CAH>doesn't have to be very powerful, say a 2500 ft range. The library wasn't t
>CAH>helpful, but if anybody has plans, I would greatly appreciate it, or if you
>CAH>could recommend another resource for plans, Thanks,

>from R/C airplane flying. Hmm.. Just a guess, if you can find a hobby
>shop that sells remote control planes, you might stop by and ask about
>model rockets. He might have them or know a magizine on that topic that
>would provide information, or etc.

Suggest posting your question in rec.models.rockets. Lots of model rocket fans
use transmitters to locate the rocket, and also use R/C stuff to control
parachute deployment, etc. There is even commercial stuff available!

jeff stai, ke6knf
jds@advradio.com

1740. Re: Comparison of small full feature HF rigs (Kenwood, Alinco, Yeasu?)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: Mr Bruce Chung <bchung@postoffice.csu.edu.au>
Message-ID: <42ukr6$6pv@groucho.mit.csu.edu.au>
Source record: 212554

ltinaro@infi.net wrote:
>I am interested in picking up a small full function HF rig. The original
>choice was the Kenwood TS-50 but now there is the Alinco DX-70 (?)
>and also a Yeasu model that I can't think of just now. Does anyone have
>any pros or cons on any of these rigs? Also, what are the street prices
>on these currently? Any comments apprieciated.
>
>Pete Borders - WB4TKA

Good day. Forget the rest and buy the best. I reckon the to be released
ICOM 706. is probably the best of the bunch. I myself have ordered one
and looking forward to it. Good luck!......Bruce VK2WWW.

1741. FT-2500M Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gkaiser@starnetinc.com
Message-ID: <430fuo$2ai@news.ais.net>
Source record: 212555

I'm looking for the Mod for a Yaesu FT-2500M 2m Mobile..I need
the mod to enable out of band xmit for ESDA.

If anyone can be of help, send the mods to gkaiser@starnetinc.com

Any help is greatly appricated,
Thanks!
Greg

1742. Re: Copper Electronics phone no?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: seawolf@yesanext.shakala.com
Message-ID: <Nw68aD3w165w@yesanext.shakala.com>
Source record: 212556
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment,rec.radio.swap

rr03@nyssa.swt.edu (Ryan Rudnicki) writes:

> In article <42clbh$k89@news.iii.net>, drgrant@kilrah.iii.net writes:
> >fmdavis@bnr.ca (Fred Davis VA3FD) wrote:
> >
> >>Can someone please post the phone number for Copper Electronics?
> >
> >>Thanks in advance!
> >
> >>~~~~~~
> >>Fred M. Davis VA3FD | These opinions mine
> >>Nepean, ON. | fmdavis@bnr.ca
> >>(Ottawa suburb) | fred.davis@nt.com
> >>~~~~~~
> >
> >
> >For the fiftieth time-
> >
> >Sales- 1-800-626-6343
> >
> >Service/shipping- 1-502-968-8500
>
>
> Sounds like this one is a natural for the FAQ. Perhaps some other major
> CB product vendors should be listed as well.
>
> I hope the new CB FAQ editor is "listening"
>
> Ryan Rudnicki
> rr03@swt.edu
>
>

zzzzzzz...
snort
Uh ya I'm here, (when I should be doing my calc homework instead :-])
I think that adding that to the faq is a good idea.

Sameer Manek e-mail: SeaWolf@yesanext.sbay.org

1743. Re: IBM-AT 286 computer "quiet" for HF?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: elmer@pennet.net
Message-ID: <elmer.103.001D5F74@pennet.net>
Source record: 212602

In article <1995Sep9.064919.20842@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <42af2e$6v4@newsbf02.news.aol.com> mparkes@aol.com (Mparkes) writes:
>>I have an opportunity to buy an IBM -AT model 5170, 286 computer which I
>>want to use on HF digital modes (amtor, pactor, Clover) using the HAL P38
>>board. Does anyone have any knowledge if this was a QUIET computer? I
>>don't want to buy something that's going to be generating a lot of noise
>>on HF. Any feedback is greatly appreciated!
>>73's Mike KS4DA

>That's an old boat anchor machine. It's not particularly quiet,
>but can be made so with sufficient shielding effort. In general,
>modern motherboards are quieter than older ones because they
>use multilayer construction with internal ground planes, and
>because they use lower power parts. The case on that old machine
>is pretty solid compared to some of the mostly plastic new ones,
>however, and you can apply standard shielding techniques to
>contain the noise inside the case.

>Most of the noise that will bother you on HF, however, typically
>comes from the monitor. The latest "green" monitors are usually
>quieter than older monitors. And color monitors are somewhat
>easier to shield than monochrome monitors.

>It's difficult to make recomendations by model on which computers
>are quiet and which aren't. There's too much variation in the
>details of assembly that matter most. Two computers by the same
>manufacturer, built on the same day, can have widely different
>noise output. A lot depends on the "bite" of the screws holding
>the case together. Good shielding practice requires a solid
>electrical connection along all seams. For painted cabinets with
>few screws, that's really iffy. If you sand the paint off of
>mating surfaces, and use a screw every two inches along the
>seams, most any computer can be made quiet. Of course external
>cables can radiate like mad. You need to use shielded cables,
>with connectors with shielded hoods, and a ferrite bead or
>two won't hurt either.

>One thing that likely *won't* help is "grounding" the computer.
>That just supplies another conductive path along which the
>noise can radiate, and can create ground loops that make the
>noise worse, though sometimes you can "short out" an existing
>ground loop by using a direct ground connection. (There's nothing
>magic about ground that sucks noise away.)

While I agree in general with what you have stated above, I feel that you will find that the IBM AT computer will be very quiet on HF for you. I have had one of the IBM AT's and it along with the NEC 1401 EGA monitor, never bothered my HF equipment (Kenwood 830s and Yaesu 757).

The IBM 286 computer system is a finely crafted computer in a case that is electrically shielded and very quiet. I wish I still had the computer. I think that if I were you however, I'd consider getting the computer but yanking out the IBM motherboard and replacing it with one of the new 486 or pentium motherboards and components.

Yep, wish I still had that machine.

73's, Elmer -- N3DQC

Elmer O. Laudenslager, III -- AS/400 Programmer/Analyst/Webmaster
New MMI Corporation Personal
http://www.newmmi.com/ http://www.pennet.net/resident/elmer/
mailto:eol@as400.newmmi.com mailto:elmer@pennet.net

1744. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12690.12.uupcb@totrbbs.radio.org>
Source record: 212603

WB>What about public schools, public hospitals, public armed forces,
WB>public police, public construction departments, etc. etc. Last I
WB>heard, the Gross National Product now consists of publicly-funded
WB>services as a *majority*.

There are so many catagories of needs that you have not even scratched
the surface. They couldn't come close to addressing the need. In many
catagories, there is NO public answer what so ever.

WB> <<snip>>

I don't understand what "snip" means.

WB>>I have often felt that in many ways America is at both extremes like
WB>>kids at extreme opposite ends of a seesaw. What is needed is for
WB>>both to come closer to the middle.
WB>There is no viable middle. One extreme is unbridled government
WB>control without regard for individual rights, the other is the
WB>absolute protection of those rights. Despite efforts to confuse
WB>these issues, I know which is the preferable state.

Ridiculous, of course there is. There might not be an "acceptable"
middle for you though.

73,

Steve

. OLX 2.1 TD . All hope abandon, ye who enter messages here.
. KMail 3.0aa

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Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1745. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810755277.19178@pinetree.microserve.com>
Source record: 212604

w8jitom@aol.com (W8JI Tom) wrote:

>It ain't over til the fat lady sues (used to be "sings").

That's pretty d*** funny!

>People need to quit whining so much about rights. If we receive any
>more protection for our rights we won't have any rights left.

The problem is, the government has failed to define what our basic individual rights are. Instead, it has allowed special interests to confuse their wants, desires and needs with legitimate rights. Satisfying the bogus "rights" of each whining "victim" now comes at the expense of everyone else's freedoms.

>I'm voting the Ted Kennedy-Don King ticket. Preferential treatment
>must be stopped.

Yes, no more preferential treatment. To each according to his needs! From each according to his abilities! Get with the program!

>We need to improved moral fiber in our leaders.

Let me know when you find one. :)

73,

Jack WB3U

1746. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810755487.19178@pinetree.microserve.com>
Source record: 212605

steve.sims@totrbbs.radio.org (Steve Sims) wrote:

>The anology WAS related. You can screw up by not taking a look at
>the whole picture now and then.

It's one thing to look at it, another to use it as justification to abrograte individual rights. Society is only a concept. It doesn't think, feel, invent machines or create wealth. Only you and I as individuals can do that. It follows that only individuals have rights, and that dismissal of those rights cannot ever actually be "good for society".

>WB>>Freedom is defined in many ways.
>WB>Freedom is defined in only one way - the recognition, respect, and
>WB>protection of the rights of each individual.

>Your knowledge and thoughts seem to come from only one place.

I spent more than ten years studying these issues because I could no longer reconcile the doctrine of our government with the freedoms it supposedly champions. The conclusions I reached have become the core of a strict moral philosophy.

>All I can say here is that freedom IS defined in many ways, you are
>wrong. (Unless you restrict your world to only those individuals who
>line up on fringe right.)

I don't know about the fringe right, but other definitions of freedom can only be accepted if you're willing to empower the government at the expense of individual rights. Given that individual rights are logically a prerequisite to freedom, those other definitions are logically false.

>WB>>A self governing people generally express themselves through the
>WB>>vote.
>WB> There is no direct correlation between freedom and
>WB>democracy. One has to ignore many inconsistencies and unfounded
>WB>assertions to believe otherwise.

>Well, I agree (whew, finally). I agree with that. Yep. There are
>many people who consider themselves free, who most of us living here
>don't consider free at all. What right do we have to excessive
>pride?

Not much. I got a good laugh a few years ago when some politician applauded "the fall of socialism". He obviously knew that socialism isn't freedom, but in his ignorance he couldn't recognize either. The

USSR just happened to have it spelled out within the name of their country. <g>

>We are taught all the time not to talk about politics, because it >only ends up in hurt feelings. I guess that might be good advice >until we are able to talk without too much of a flareup. (At least >ones that incites riots and other unwarrented violent acts.) Until >then, we all have a greater tendency to line up and accept whatever >we are handed (especially if it is the hand that is feeding us.)

The heck with hurt feelings. Anyone who thinks we're no better than ants in a colony is a danger to us all, particularly in a democracy. As for accepting what we're handed, the same was true in the USSR until economic devastation forced a change. I only wonder what will happen *here* when our reserve of commercial initiative and natural resources are both finally depleted.

>Hmm... upon rereading earlier phrases up the chain in this >discussion I am suprised that you are choosing to express in just >this way. It sure seemed to me that you felt differently a few >messages ago. However, the misunderstanding was probably all in my >mind I guess.

It's extremely difficult to convey the meaning of someone's position in a few paragraphs. Some folks don't even believe what they write, they just like to stir the pot. :)

73,

Jack WB3U

1747. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: hillgen@er7.rutgers.edu
Message-ID: <42v8i0$6af@er7.rutgers.edu>
Source record: 212606

It's just my (un)educated opinion, but haven't we already taken up MUCH too much bandwidth arguing and yelling over this issue? Everyone has an opinion on it and opinion is just what it is. Since you can't argue the value that a man's opinion holds for him, why try to do so? Let it die already!
Jay

1748. Re: Mods for Uniden 66 PCXl

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: dale@opensol.com
Message-ID: <9a7cb$d1f32.34a@vtnt02.vantek.net>
Source record: 212607

In article <12700.12.uupcb@totrbbs.radio.org>, steve.sims@totrbbs.radio.org (Steve Sims) writes:
> CAH>Hi, I'm a small time CB'er, with a hankering to make some modifications to
> CAH>CB, such as sideband, power mike, roger beep, any other little suggestions
> CAH>anybodyy might have. If you can either respon here or e-mail me, I would
> CAH>appreciate it. Thanks,
>
> CAH>-Chris
> CAH>-treefrog@winternet.com
>
> Chris,
> I can vouch for the fact that it is easy and fun to study and take the
> test to get an amateur radio liscense. Since you have the desire to do
> the things you mention (which in some cases are complex and require a
> bit of study themselves). Getting the liscense is the easy part, and
> just the start too. Once you've got that, you get easier access to a
> lot of very knowledgable people that don't seem to mind spending a
> little time here and there helping to pass on that knowledge. At this
> point you'll probably find yourself with project after project.
> Steve

Not to mention that what he wants to do in some cases is just plain illegal
for a CB'er to do....

"Course that never stopped 'em from anything else ;)

> ---
> .. OLX 2.1 TD . Press any key to continue or any other key to quit
> .. KMail 3.0aa
>
> ----
> Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
> Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
> Lilburn, GA 30247-7440
>

--
==========
Dale J. Chatham WA5WNI
please reply to: dchatham@vtcom3.vantek.net
==========

1749. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810758900.19991@pinetree.microserve.com>
Source record: 212608

jjmartin@world.std.com (Jim Martin) wrote:

>FWIW, I sold at least three radios yesterday to unlicensed
>individuals.

Do you sell equipment as a sideline, or is it a legitimate business?
If it's a business, you should back up your convictions by posting
its name here.

73,

Jack WB3U

1750. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12691.12.uupcb@totrbbs.radio.org>
Source record: 212609

WT>We all have opinions, and they are all worth what we charge for them.
WT>Allow me to contribute another priceless (or is it valueless) personal
WT>non-expert opinion to this big pile of opinions.

WT>If the dealer refuses to sell something because he thinks it will be used
WT>illegally, more power to him. I seriously doubt that any Judge or jury
WT>could find him at fault for attempting to avoid providing equipment used
WT>to commit a crime. In my opinion, if the dealer knows or suspects the
WT>radio stuff is going to used illegally and he sells it...then in my eyes
WT>he's a piece of dog s...(oops) scum.

I just wanted to say, that this is another opinion that I agree with,
though I detect perception to the contrary. Probably this is because I
saw points that others were making that some couldn't.

73,
Steve

. OLX 2.1 TD . --T-A+G-L-I+N-E--+M-E-A+S-U-R+I-N-G+--G-A+U-G-E--
. KMail 3.0aa

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1751. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12692.12.uupcb@totrbbs.radio.org>
Source record: 212610

PT>>But then who knows in this crazy world? It ain't over til the fat lady
PT>>sues (used to be "sings").
PT>Good Lord, that's a great one. Tom, do I have your permission to use
PT>that in casual conversation? I almost wet my pants laughing so hard
PT>when I read it.

PT> That's why I'm
PT>>voting the Ted Kennedy-Don King ticket. Preferential treatment must be
PT>>stopped. We need to improved moral fiber in our leaders.
PT>>
PT>Huh? That one totally escapes me. Is that so toungue in cheek that it
PT>flew over my head?

Me too Pat, but I thought it best that I not comment on that until I saw
your message.

. OLX 2.1 TD . If this were an actual tagline, it would be funny.
. KMail 3.0aa

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Lilburn, GA 30247-7440

1752. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12693.12.uupcb@totrbbs.radio.org>
Source record: 212611

PT>Good point. It's a simple concept, but one that escapes many. The whole
PT>concept of personal responsibilty is totally foreign to so many people in
PT>the 90's. The whole firearms debate a good example. This is neither the
PT>time or the place to discuss firearms, and I will not, but it serves as a
PT>good example. Too many people see a little, insignificant non-problem,
.
.
.
etc.. Didn't want to use space requoting, but I agree with what you
were saying about the "general rule" today regarding special interest
groups. Way to many, for much to trivial things. One thing that I did
want to add though was that watchfulness seems to be a price that must
be paid to keep things going "on track", so to speak. Even expressing
an opinions to each other in this forum has a beneficial effect, I
believe. (Though people tell me otherwise everyday.)

73,
Steve

. OLX 2.1 TD . Unable to locate Coffee -- Operator Halted!
. KMail 3.0aa

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1753. GPS Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12694.12.uupcb@totrbbs.radio.org>
Source record: 212612

SR>I am considering purchasing a GPS receiver in the immediate future and would
SR>like comments on the various models currently on the market. Personal
SR>experience and/or rumors greatly appreciated. I've been looking at the Sony
SR>IPS760 because of the immediate bells&whistles reaction.

Scott,
I own and use a Garmin 55 AVD GPS. I like it a lot. The AVD in the
model # means it is there aviation model and has emergency database
lookup functions and so forth. I am a pilot and just about wouldn't fly
without it. I have it battery backed up with a 10 hour reserve (10
hours with the backlight and serial port turned on) so that I can use
the backlight at night without running down the batteries. The battery
is a quantum ham battery, btw.

It has lasted a few years now and still in new shape. The current
models offer still more functionality, though, and the model 55 is much
lower in price than what I paid for it. (From $1299 down to $699, I
think.) I have used it on ocassion for hiking too. I looked at the
Sony and Trimble and Megelland, and seems like one other. What do you
want to use it for ?
Steve

. OLX 2.1 TD . It's only a hobby ... only a hobby ... only a
. KMail 3.0aa

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1754. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810759193.19991@pinetree.microserve.com>
Source record: 212613

hillgen@er7.rutgers.edu (the one) wrote:

>Let it die already!

That's pretty funny. Someone telling Hams to shut up. :)

1755. Re: Audio question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810759876.19991@pinetree.microserve.com>
Source record: 212614

rst-engr@oro.net (Jim Weir) wrote:

>Most preamps are designed with 10K and above input impedances.

Yes, in fact many are 25-50K, but that's not the problem. The output impedance of players, tuners etc. is usually 1K and less, sometimes only a few hundred ohms.

The risk with the Y connector is that the signal from one will get into the output stages of the other (even when it's off), causing distortion. The advice regarding the levels is true enough, but this won't determine the point at which any distortion generated this way is reasonable.

If the distortion is below the threshold this particular person can detect, maybe it doesn't matter. I just wouldn't recommend it as a method of driving the preamp without this one additional caveat.

73,

Jack WB3U

1756. URGENT HELP : transceiver for Packet and Sat. ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: cmaion@cipcinsa.insa-lyon.fr
Message-ID: <cmaion.8.305339F4@cipcinsa.insa-lyon.fr>
Source record: 212615

I am looking for a model of tranceiver that could allow me :

- to use in a first time terrestrial packet network (AFSK)
- to be a start point for a later satellite station

WHAT TYPE OF TRANSCEIVER DO YOU ADVISE ME ?

I am about to buy a second hand IC 245E, have you info about it ? (I only know that it is an old all-mode 2m TX, with 10W power). Would it be a good choice ?

(As a student and new OM, I am looking for a not too expensive solution.)

PLEASE HELP !!!

TNX ...

--
Cedric MAION
cmaion@cipcinsa.insa-lyon.fr

1757. Portable Receiver wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gen5ajt@leeds.ac.uk
Message-ID: <1995Sep10.165312.22659@leeds.ac.uk>
Source record: 212616

Hi,

Don't know if this is the right place to post this, but here goes.

I shall shortly be going to the US for a couple of years to work. At the moment I have a FM/AM audio/hi-fi tuner which works fine for UK radio stations. What I'm looking for is a portable multi-band receiver so I can get UK radio stations in the US - particularly BBC world service. I also need a portable radio for general use, so this may be the ideal time to kill two birds with one stone.

I don't want to spend a lot, nor do I need a super-dooper mega kit, a small reliable, portable receiver will do. My price range is up to about UKP150 ($230).

Thanx in advance.

Adam J Trickett	Voice +44 (0)113-233 3107
Genetics University of Leeds	Fax +44 (0)113-244 1175
Leeds LS2 9JT United Kingdom	EMail gen5ajt@leeds.ac.uk
W3 http://www.leeds.ac.uk/genetics/resear/butlin/adam.html

1758. Need Info on RF 675 Antenna Coupler

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: visions@news.gate.net
Message-ID: <42vfq1$nvm@hopi.gate.net>
Source record: 212617

I just returned from the Melbourne (FL) Hamfest, and had a great time. It's my favorite of all the Florida hamfests.

I brought home a nice antenna coupler, but have no manual or info. It's an RF 675 Antenna Coupler from RF Communications Inc. Does anyone have any info (or a manual) on this unit. It seems to be a roller inductor, split-stator type tuner. The inductor and capacitor each have a geared, 3 digit 'turns counter' indicator. Looks like it should take 200 watts or so. Any info would be greatly appreciated.

73 Ray

--

Ray Johnston (visions@gate.net) Boca Raton FL USA

1759. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: hillgen@er7.rutgers.edu
Message-ID: <42vjeh$5u6@er7.rutgers.edu>
Source record: 212618

jackl@pinetree.microserve.com (WB3U) writes:

> jjmartin@world.std.com (Jim Martin) wrote:

>>FWIW, I sold at least three radios yesterday to unlicensed
>>individuals.

>Do you sell equipment as a sideline, or is it a legitimate business?
>If it's a business, you should back up your convictions by posting
>its name here.

>73,

>Jack WB3U

Why? So that he can be black-listed by the amateur community? I don't
think so!

Jay
N2OTK

1760. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: hillgen@er7.rutgers.edu
Message-ID: <42vjin$66m@er7.rutgers.edu>
Source record: 212619

jackl@pinetree.microserve.com (WB3U) writes:

> hillgen@er7.rutgers.edu (the one) wrote:

>>Let it die already!

>That's pretty funny. Someone telling Hams to shut up. :)

You're missing my point totally! This type of argument is not
what this group is ment for. THAT'S the point!

Jay
N2OTK

1761. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: ptracy@intac.com
Message-ID: <8B0D03D.00270014CA.uuout@intac.com>
Source record: 212620

newsbf02.news.aol.com!not-for-mail
From: ptracy@aol.com (PTracy)
Subject: Re: HTX-202...Good? Bad? Ugly?
Date: 8 Sep 1995 18:05:06 -0400
Message-ID: <42qemi$j7b@newsbf02.news.aol.com>
In article <42mrtt$3bu@nonews.col.hp.com>, jms@col.hp.com (Mike
Stansberry) writes:

> Lots of folks put down
>the R.S. H.T.s because they won't receive/transmit out of the ham
>bands. I have a scanner to listen out of band, and I'm not licensed
>to transmit out of the ham bands. Go for it.

I for one wish that MORE VHF /UHF tranceivers wouldn't go out of band. As
much fun as they are, my own personal experiance with Kenwood, Icom, and
Alinco is that the front ends, if there are any ,are broad as a barn door.
I have tried 3 different radios on from my fixed / home location, and
every one of them gets wiped out. Useless as tits on a bull. Front end
overload. A ham band only tranceiver would at least have the possibility
of having some kind of front end selectivity. Granted, a radio made for
mobile operation can't be expected to perform as well as or be as
selective as a "base" style radio, but they sure could be alot better.
The only radio I have that works while hooked up to an outside gain
antenna is a 20+ year old ICOM IC-230 which has helical resonators in the
front end. Unfortunately, it does'nt do the 145 sub-band, and does not
have any built in CTCSS tones. My only other option for a 2 Meter radio,
if I ever really feel the need, is an old GE MASTR II with an outboard
synthesizer. Yech.

Many questions have been posted about out of band mods for this radio or
that radio, and my favorite response, and one that I agree wholeheartedly
with, is the "Tape a scanner to the back side of your radio" type of
reply.

BTW, how many of you guys have a single or dual band radio with the out of
band mods done, (rx AND tx) have accidently transmitted someplace you
really shouldn't be? Hmmmm. Just curious.

--- QScan/PCB v1.15b / 01-0228
* Origin: _T_H_E__R_O_Y__H_O_B_B_S__B_B_S_ Moonachie NJ (1:2604/122)

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The Roy Hobbs BBS (201)-641-7307 Moonachie NJ.USENET
Internet:Fidonet:N2UTO'S BBS List:Telnet198.6.114.80
cono@hobbs.com // Running PCBoard 15.22
+---+

1762. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gordon.couger@intac.com
Message-ID: <8B0D03D.00270014CB.uuout@intac.com>
Source record: 212621

From: gcouger@jsun.agen.okstate.edu (Gordon Couger)
Subject: Re: HTX-202...Good? Bad? Ugly?
Date: 8 Sep 1995 23:20:40 GMT
Message-ID: <42qj48$1jbn@bubba.ucc.okstate.edu>
At $199 this month they are a great buy.
Gordon AB5DG
In article <42qemi$j7b@newsbf02.news.aol.com>, PTracy <ptracy@aol.com> wrote:
>In article <42mrtt$3bu@nonews.col.hp.com>, jms@col.hp.com (Mike
>Stansberry) writes:
>
>> Lots of folks put down
>>the R.S. H.T.s because they won't receive/transmit out of the ham
>>bands. I have a scanner to listen out of band, and I'm not licensed
>>to transmit out of the ham bands. Go for it.
>
>I for one wish that MORE VHF /UHF tranceivers wouldn't go out of band. As
>much fun as they are, my own personal experiance with Kenwood, Icom, and
>Alinco is that the front ends, if there are any ,are broad as a barn door.
> I have tried 3 different radios on from my fixed / home location, and
>every one of them gets wiped out. Useless as tits on a bull. Front end
>overload. A ham band only tranceiver would at least have the possibility
>of having some kind of front end selectivity. Granted, a radio made for
>mobile operation can't be expected to perform as well as or be as
>selective as a "base" style radio, but they sure could be alot better.
>The only radio I have that works while hooked up to an outside gain
>antenna is a 20+ year old ICOM IC-230 which has helical resonators in the
>front end. Unfortunately, it does'nt do the 145 sub-band, and does not
>have any built in CTCSS tones. My only other option for a 2 Meter radio,
>if I ever really feel the need, is an old GE MASTR II with an outboard
>synthesizer. Yech.
>
>Many questions have been posted about out of band mods for this radio or
>that radio, and my favorite response, and one that I agree wholeheartedly
>with, is the "Tape a scanner to the back side of your radio" type of
>reply.
>
>BTW, how many of you guys have a single or dual band radio with the out of
>band mods done, (rx AND tx) have accidently transmitted someplace you
>really shouldn't be? Hmmmm. Just curious.
>

Gordon Couger - 624 Cheyenne, Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405-624-2855 evenings
I do not speak for my employer

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1763. Re: Anyone on 900 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: palmer.cbs@intac.com
Message-ID: <8B0D03D.00270014CC.uuout@intac.com>
Source record: 212622

```
.aol.com!not-for-mail
From: palmercbs@aol.com (Palmer CBS)
Subject: Re: Anyone on 900 Mhz?
Date: 8 Sep 1995 20:52:40 -0400
Message-ID: <42qogo$3hd@newsbf02.news.aol.com>
There is life on 900 Mhz, but I doubt if you will find any commercial gear
to get on that band.

Most of the activity 0n 902 Mhz. is USB operated by the VHF / UHF buffs.
The only way I'm aware of to get on that band is to use a transverter and
a 2M all-mode as the i.f. rig.

Down East Microwave sells 902 transverter kits which are very simple to
assemble and get on the air. There are also 902 loop yagi antennas
available for that band.

I work 6 thru 2304, and I think you will find 902 to be the least
populated of all the VHF / UHF bands, but there is good activity there
during contests and good tropo openings.

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1764. FS heathkit gear

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: bill.phelps@intac.com
Message-ID: <8B0D03D.00270014CD.uuout@intac.com>
Source record: 212623

totrbbs!bill.phelps
From: bill.phelps@totrbbs.radio.org (Bill Phelps)
Subject: FS heathkit gear
Message-ID: <12652.12.uupcb@totrbbs.radio.org>
Date: 8 Sep 95 22:49:00 GMT
Hello Jim,and i hope you get this,as i am new at all this net
stuff......:).I might be interested in your 101.amd power supply.My name
is Bill Phelps at 404-361-3111.So,sounds like you are at least in 4
land.So,call me collect and we can talk.So,thanks a lot and have a nice
weekend,Jim.
bill.phelps.@wa4bro.atl.ga.us

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

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+---+

1765. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: bryan.smart@intac.com
Message-ID: <8B0D03D.00270014CE.uuout@intac.com>
Source record: 212624

From: bsmart@globalvision.net (Bryan Smart)
Subject: Re: HTX-202...Good? Bad? Ugly?
Date: Sat, 09 Sep 1995 00:10:42 -0500
Message-ID: <bsmart-0909950010420001@d71.globalvision.net>
I remember someone saying a couple of posts back that they prefered some
Kenwood units over the RS one due to their shirt-pocket size. My question
is, how much transmit power do you give up by going this route, and how
thick of bloves must you wear while transmitting to avoid the heat <G>.

KE4QQN

--
Bryan Smart
Email: bsmart@globalvision.net

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+---+

1766. Kenwood TM-255A Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: token@intac.com
Message-ID: <8B0D03D.00270014CF.uuout@intac.com>
Source record: 212625

From: <token@owens.ridgecrest.ca.us>
Subject: Kenwood TM-255A Mods?
Message-ID: <DEMH60.LH4@ridgecrest.ca.us>
Date: Sat, 9 Sep 1995 05:13:12 GMT
Just wondering if anyone has any mods, at all, for the TM-255A.

I have had mine for a while now and am very pleased with it. But I am
interested in any way it can be improved.

Also, does anyone know if kenwood is going to produce a transverter
to go with the 1.2 GHz and 2.4 GHz readout capability of this rig?

73s and good day.

```
************************************************************
* Darrell Leach--------*---1984 GL-1200A-----------------*
* Ridgecrest, Ca-------*---123,000 miles and still going *
* KD6LRC---------------*---. . .and going. . .and going. *
* --------email: token@owens.ridgecrest.ca.us------------*
************************************************************
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1767. Re: What good is 6 Meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gary.coffman@intac.com
Message-ID: <8B0D03D.00270014D0.uuout@intac.com>
Source record: 212626

From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Re: What good is 6 Meters?
Message-ID: <1995Sep9.044315.20032@ke4zv.atl.ga.us>
Date: Sat, 9 Sep 1995 04:43:15 GMT
In article <orbelld-3008951615150001@204.41.1.203> orbelld@pcbe.edu.on.ca
(David Orbell) writes:
> My interest in 6m is growing.....thought I'd throw out a few questions
>going through my mind.
>
> Is a multi mode 6M rig worth the expense(when I don't have an HF rig
>that will take a 6M model) or do most just work FM?
>Do most just work simplex, or work repeaters?

The 6 meter operation mix is similar to what you find on 10 meters.
Lots of SSB, some CW, and a good bit of FM repeating. An all-mode
is worthwhile. The band is open less often than 10 meters, but when
it is, it's almost as good. There's also some radio control activity
for models on 6 that's missing from 10 meters, and 6 excells for
meteor scatter operation since the required electron density almost
perfectly matches what's available from typical meteor trails.

>Do operaters on 6M have problems causing interference on the TV
>frequencies?(I've heard that used to be a problem)

Yes, it still is, even with cable. Low power operation annoys the
fewest neighbors. Mobile operation typically annoys more people,
but for shorter periods, and they're less likely to know who you
are and where you live, so the chance of revenge is less.

>Why do many 6M Rigs only operate on 10 watts?

It's the power limit for Class B Japanese licensees. The US
demand for 6 meter equipment isn't large enough for most
Japanese companies to produce a separate higher powered rig.
Though there is a trend toward the 100 watt class in multimodes,
at a premium price, and in rigs that include 6 meters with HF
coverage where the same PA module can be used with only a tuned
circuit change.

As an aside, logic dictates that there are only 3 worthwhile
amateur power levels, 10 watts, 100 watts, and 1000 watts,
though some would argue for 1 watt to be included for HTs.
Each is a 10 db step from the other, and that's the smallest
really noticable change in power. Of course there are those
who struggle for every femtowatt differential, but it's usually
a waste of effort. (Not always, of course, there are marginal

situations where a small power increment makes the difference,
but they're more exceptions than rules, especially when skywave
propagation is involved.) Some would argue for 5 watts, 50 watts,
and 500 watts as the steps instead, and I wouldn't disagree.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

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+---+

1768. Re: Radio Shack 2m HT -

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gary.coffman@intac.com
Message-ID: <8B0D03D.00270014D1.uuout@intac.com>
Source record: 212627

From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Re: Radio Shack 2m HT - Is it a good by for the price?
Message-ID: <1995Sep9.050939.20149@ke4zv.atl.ga.us>
Date: Sat, 9 Sep 1995 05:09:39 GMT
In article <1995Aug31.125302.1@vax.sonoma.edu> harrisok@vax.sonoma.edu (Ken Harrison) writes:
>hdc@netmetro.com (hdc@netmetro.com) wrote:
>> I would appreciate your comments on the Radio Shack 2m Handheld
>> transceiver.
>> I'm a rank beginner with my new tech licence, looking for my
>> first rig.
>
>Not to send you off the track of a HTX-202, but I've just heard about
>the 4th radio in my county going on the blink. Intermittent transmit.
>All the same problem. The latest one is 3 months old. Whenever used
>on 12 V. it is on a mobile 5/8 antenna.

Ah, this is the "ERR 2" problem, right? It's caused by RF feedback.
Use of a properly thru-hole mounted mobile antenna, properly matched,
will eliminate this. High supply voltage (equates to high output
power) with the rubber dummy load can also cause an ERR 2 condition.
The VCO is being driven out of lock by the RF feedback. Resetting
the radio will recover from this condition without resort to the
service center. (Better VCO shielding, or smarter firmware recovery,
would avoid this annoyance, but no radio is perfect.)

>It is reported that the HTX-202 is very good in a high RF environment. It
>tends to not suffer from intermod interference. This might be something
>to consider, too.

This is the outstanding feature of the unit. The HTX-202 is simply
the best current production amateur HT in this regard. The 202 is
not as nice as many other HTs on the market in most respects, but
the freedom from intermod can make it the best choice for many
urban hams.

(I have no axe to grind, I'm using a different brand myself because
I need dual band capability, but this is a good radio and I wish
my dualbander were as free from intermod.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

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1769. FT-530 Mod...? Please He

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: brian.felt@intac.com
Message-ID: <8B0D03D.00270014D2.uuout@intac.com>
Source record: 212628

lcyon.com!usenet
From: Brian Felt <litlemac@halcyon.com>
Subject: FT-530 Mod...? Please Help
Date: 9 Sep 1995 06:11:48 GMT
Message-ID: <42rb74$gvg@news.halcyon.com>
I have had my Yaesu FT-530 handheld for a year and a half now and
recently had to reset the all of the memories. The problem with this is
that it will no longer recieve out of band on the UHF side. I have had
the hardware modified but never bothered to write down the sequence to
get the out of band reception back. Can you help? Please E-mail back to
one of the addresses below. Thank You!

Brian Felt/ KB7RSP
<litlemac@halcyon.com>
<felt@pluto.snoqualmie.wednet.edu>
<http://168.99.8.3/resumes/felt/home_page.html>

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cono@hobbs.com // Running PCBoard 15.22
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1770. Re: A question about the

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: john.minger@intac.com
Message-ID: <8B0D03D.00270014D3.uuout@intac.com>
Source record: 212629

From: jaminge@pb2esac.esac.pacbell.com (John Minger)
Subject: Re: A question about the Radio Skack SWR/PWR meter for 2meters
Date: 9 Sep 1995 06:42:03 GMT
Message-ID: <42rcvr$fdc@gw.PacBell.COM>
In article <Pine.A32.3.91.950908130745.31936A-100000@storm.atms.purdue.edu>,
BRETSKI <bap@storm.atms.purdue.edu> wrote:
>
>I have a Radio Shack 144/430 SWR PWR meter.
>What is the bottom scale? I know it is the 15 watt range SWR scale
>but there is a % sign on the right side. What does this mean?
>
I also have a Radio Shack 144/430 SWR PWR meter, but there's no
"%" on it that I can find. The meter is Cat no 19-320, BTW.
I wish somebody could make me understand the "SWR correction
curves on the back. They are there to correct meter error at
certain low power levels, but I'm just too dense to use them.

(Duhhh ;-) 73

--

John A Minger KE6DTC Opinions expressed are those of the author
Los Angeles, CA and not those of anyone or anything else.

--- QScan/PCB v1.15b / 01-0228
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cono@hobbs.com // Running PCBoard 15.22
+---+

1771. Re: opinions on Standard

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gary.coffman@intac.com
Message-ID: <8B0D03D.00270014D4.uuout@intac.com>
Source record: 212630

mei!ke4zv!gary
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Re: opinions on Standard C508A?
Message-ID: <1995Sep9.055938.20453@ke4zv.atl.ga.us>
Date: Sat, 9 Sep 1995 05:59:38 GMT
In article <424vft$iu7@bigblue.oit.unc.edu> help@oit.unc.edu (User Services) writes:
>I'm thinking about getting the C508A for its size and low power demand, but
>I'm worried about not having autopatch capabilities. Please give me your
>opinion of this radio. Universal Radio has them back ordered. Thanks.

I like mine, but then I don't have a patch on my repeater, and I do have a cellphone. I'm surprised by how well this little radio works. Battery life is great. Intermod is much less than I had expected, though there is some. Audio quality is good, both transmit and receive, though receive volume is limited and might be a problem in very noisy areas. The manual sucks, I mean *really* sucks (and is insulting to a ham with an IQ above plant life too), but you can figure it out if you try. There is no schematic or board layout or theory of operation section, major bummer.

It takes Icom/Yaesu/Radio Shack/MFJ speaker mikes (and packet cables), and I suppose you might find a mike with a TT pad on it (kind of silly really, to have a mike bigger than the radio). The supplied rubber dummy load is pretty good in the ham bands, but sucks rocks outside the bands, a major bummer considering the wideband capabilities of the rig as a scanner substitute (but likely a major contributor to the good intermod performance in band). Comet has introduced a gain antenna for the rig that works much better out of band. Big though. The rig has a SMA antenna connector which limits antenna choice, and I wouldn't recomend swapping it back and forth to a mobile antenna since the little connector would wear out quickly.

The low output power surprisingly isn't a problem. It gets in almost anywhere my FT470 does, both used as handhelds and not as mobile rig substitutes.

All in all, a good buy for what it is (I don't expect it to substitute for a mobile rig, and it makes a great "remote mike" for a crossband capable mobile rig). I'm keeping mine.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us

Lawrenceville, GA 30244 | |

--- QScan/PCB v1.15b / 01-0228
* Origin: _T_H_E__R_O_Y__H_O_B_B_S__B_B_S_ Moonachie NJ (1:2604/122)

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The Roy Hobbs BBS (201)-641-7307 Moonachie NJ.USENET
Internet:Fidonet:N2UTO'S BBS List:Telnet198.6.114.80
cono@hobbs.com // Running PCBoard 15.22
+---+

1772. Re: Selling to Unlicensed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: wb3u@intac.com
Message-ID: <8B0D03D.00270014D5.uuout@intac.com>
Source record: 212631

on!pinetree
From: jackl@pinetree.microserve.com (WB3U)
Subject: Re: Selling to Unlicensed (wa
Date: Sat, 09 Sep 95 07:43:40 GMT
Message-ID: <810632752.23602@pinetree.microserve.com>
steve.sims@totrbbs.radio.org (Steve Sims) wrote:
>jackl@pinetree.microserve.com (WB3U) wrote:

>>When needs and laws are determined for "social" reasons rather
>>than the preservation of easily recognized individual rights, we
>>have ceased to be a free society.

>Hardly. . . . Considering the whole (ie social determination) is
>like excercising for cardiovascular fitness. . . .

One of the problems with analogies is that their logic, while
persuasive, is often unrelated to the principles under discussion.
The above attempts to convince one of the merits of comparing sentient
individuals to body parts. I've heard similar analogies relating us
to ant colonies and bee hives. Buzz me up, Scotty.

>Freedom is defined in many ways.

Freedom is defined in only one way - the recognition, respect, and
protection of the rights of each individual.

>A self governing people generally express themselves through the
>vote.

There is no direct correlation between freedom and democracy. One has
to ignore many inconsistencies and unfounded assertions to believe
otherwise.

>But a grave mistake is made when back roads created by wealth begin
>thwarting the political process.

Those back roads are the result of a political system already
corrupted and insufficiently restrained by an inadequate Constitution.
The more it's thwarted, the greater the chance for majority
recognition of this fact. Have at it, guys.

>>The vendor owns the equipment and ** it is his property to do with
>>as he pleases. **

>By your same logic then it is morally sound to sell to unliscensed
>persons. (I added the stars in case you missed the point.)

I didn't say it was immoral to sell to unlicensed persons, although in fact it doesn't meet the standards I would set for myself in that position. The only immorality I've seen mentioned is the suggestion that dealers should be forced by law to sell to everyone. This concept is just as immoral as a law *prohibiting* them from selling to everyone. Comprende mi amigo?

73,

Jack WB3U

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cono@hobbs.com // Running PCBoard 15.22
+---+

1773. Re: Selling to Unlicensed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: wb3u@intac.com
Message-ID: <8B0D03D.00270014D6.uuout@intac.com>
Source record: 212632

on!pinetree
From: jackl@pinetree.microserve.com (WB3U)
Subject: Re: Selling to Unlicensed (wa
Date: Sat, 09 Sep 95 07:58:18 GMT
Message-ID: <810633630.23602@pinetree.microserve.com>
steve.sims@totrbbs.radio.org (Steve Sims) wrote:

>Every member is going a little too far, but what society has really
>forgotten was that there ARE NO public businesses for most social
>needs, only private ones.

What about public schools, public hospitals, public armed forces,
public police, public construction departments, etc. etc. Last I
heard, the Gross National Product now consists of publicly-funded
services as a *majority*.

<<snip>>

>I have often felt that in many ways America is at both extremes like
>kids at extreme opposite ends of a seesaw. What is needed is for
>both to come closer to the middle.

There is no viable middle. One extreme is unbridled government
control without regard for individual rights, the other is the
absolute protection of those rights. Despite efforts to confuse these
issues, I know which is the preferable state.

73,

Jack WB3U

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1774. Re: IBM-AT 286 computer "

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gary.coffman@intac.com
Message-ID: <8B0D03D.00270014D7.uuout@intac.com>
Source record: 212633

From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Re: IBM-AT 286 computer "quiet" for HF?
Message-ID: <1995Sep9.064919.20842@ke4zv.atl.ga.us>
Date: Sat, 9 Sep 1995 06:49:19 GMT
In article <42af2e$6v4@newsbf02.news.aol.com> mparkes@aol.com (Mparkes)
writes:>I have an opportunity to buy an IBM -AT model 5170, 286 computer which
I>want to use on HF digital modes (amtor, pactor, Clover) using the HAL P38
>board. Does anyone have any knowledge if this was a QUIET computer? I
>don't want to buy something that's going to be generating a lot of noise
>on HF. Any feedback is greatly appreciated!
>73's Mike KS4DA

That's an old boat anchor machine. It's not particularly quiet,
but can be made so with sufficient shielding effort. In general,
modern motherboards are quieter than older ones because they
use multilayer construction with internal ground planes, and
because they use lower power parts. The case on that old machine
is pretty solid compared to some of the mostly plastic new ones,
however, and you can apply standard shielding techniques to
contain the noise inside the case.

Most of the noise that will bother you on HF, however, typically
comes from the monitor. The latest "green" monitors are usually
quieter than older monitors. And color monitors are somewhat
easier to shield than monochrome monitors.

It's difficult to make recomendations by model on which computers
are quiet and which aren't. There's too much variation in the
details of assembly that matter most. Two computers by the same
manufacturer, built on the same day, can have widely different
noise output. A lot depends on the "bite" of the screws holding
the case together. Good shielding practice requires a solid
electrical connection along all seams. For painted cabinets with
few screws, that's really iffy. If you sand the paint off of
mating surfaces, and use a screw every two inches along the
seams, most any computer can be made quiet. Of course external
cables can radiate like mad. You need to use shielded cables,
with connectors with shielded hoods, and a ferrite bead or
two won't hurt either.

One thing that likely *won't* help is "grounding" the computer.
That just supplies another conductive path along which the
noise can radiate, and can create ground loops that make the
noise worse, though sometimes you can "short out" an existing
ground loop by using a direct ground connection. (There's nothing

magic about ground that sucks noise away.)

Gary
--
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Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
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Lawrenceville, GA 30244 | |

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cono@hobbs.com // Running PCBoard 15.22
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1775. Re: Kenwood uses false ad

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gary.coffman@intac.com
Message-ID: <8B0D03D.00270014D8.uuout@intac.com>
Source record: 212634

mathcs.emory.edu!wa4mei!ke4zv!gary
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Re: Kenwood uses false advertising?
Message-ID: <1995Sep9.070619.20955@ke4zv.atl.ga.us>
2aqnj$9i7@globe.indirect.com> <42bbnd$m9f@ixnews2.ix.netcom.com>
Date: Sat, 9 Sep 1995 07:06:19 GMT
In article <42bbnd$m9f@ixnews2.ix.netcom.com> jdb99@ix.netcom.com (jdb)
writes:
>I don't know which court that person won in, but I assure
>you have no legal rights (except for equal housing laws) that can force
>anyone to sell anything to you if they do not want to....

The UCC (Uniform Commercial Code) is adopted by most States. It
requires that if you open your doors to the public, you can't
discriminate in who you sell to, with certain exceptions, IE
you can't sell firearms or booze to minors for example because
they aren't legally eligble to buy them. There's no such legal
restriction against sales of radio equipment to unlicensed
individuals. Restricting sales to amateurs only is equivalent
to limiting service in a resturant to whites only. Posting a
sign doesn't make it legal. Of course the outcome of individual
cases depends on the competence of the lawyers and judges
involved, and the depth of the pockets of the litigants.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
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534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

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1776. Re: Ever Been a CB repeat

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gary.coffman@intac.com
Message-ID: <8B0D03D.00270014D9.uuout@intac.com>
Source record: 212635

mathcs.emory.edu!wa4mei!ke4zv!gary
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Re: Ever Been a CB repeater?
Message-ID: <1995Sep9.071427.21047@ke4zv.atl.ga.us>
Date: Sat, 9 Sep 1995 07:14:27 GMT
In article <810093393.17139@pinetree.microserve.com>
jackl@pinetree.microserve.com (WB3U) writes:
>
>In article <charles1DEAxtv.15A@netcom.com>,
> charles1@netcom.com (charles copeland) wrote:
>>Have there ever been CB repeaters? If not, why not?
>
>The FCC doesn't allow it.

Yes they did, it was called Class A CB, and operated at UHF.
That's now called GMRS and is no longer called CB, but repeaters
are still allowed. Repeaters aren't, and never have been, allowed
for Class D CB. Classes B and C CB were for remote control, and
have been largely subsumed under other Parts now, but at least
at one time Class D wasn't the only CB service.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

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+---+

1777. H.R.E. BUYS HAM GEAR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: joe.reaves@intac.com
Message-ID: <8B0D03D.00270014DA.uuout@intac.com>
Source record: 212636

```
y
From: joen6fra@teleport.COM (Joe Reaves)
Subject: H.R.E. BUYS HAM GEAR
Date: 9 Sep 95 03:43:49 GMT
Message-ID: <199509090358.UAA08336@desiree.teleport.com>
HAM RADIO EQUIPMENT / H.R.E.
14355 S.W. BULL MTN. RD.
TIGARD, OREGON 97224
1 (800) 590-4736

H.R.E. IS A USED HAM RADIO STORE , WE ALWAYS NEED CLEAN RADIOS
AND EQUIPMENT...WE PAY TOP DOLLAR FOR NICE GEAR...
SOLID STATE HF RIGS WANTED !!! 2 MTR. MOBILES, DUAL BANDERS AND
OTHER HAM SHACK GEAR WANTED... WATT METERS, TUNERS AND GOODIES...
IF YOU HAVE GEAR TO SELL PLEASE CALL US ... TOLL FREE...

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1778. WTB: CE-20A and/or CE-10B

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: bill.sorsby@dlep1.itg.ti.com
Message-ID: <42vb3b$l29@mksrv1.dseg.ti.com>
Source record: 212637

I am interested in obtaining the following Central Electronics items, any condition, working or not: CE-20A or CE-10B SSB exciters, 100V or 600L amplifiers and VFO.

Please E-Mail me stating condition of equipment, your price, whether manuals are included and your location.

Thanks,
Bill

1779. Re: Scout Freq Compensation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: bmitchel@kodaki.kodak.com
Message-ID: <42vh5p$j3v@kodak.rdcs.Kodak.COM>
Source record: 212638

To all who responded to this question. I appreciate your responses
for sure! I called Ten Tec regarding this issue. It seems that
the frequency compensation minimum quantization is much less than
100 Hz, and that it works as follows:

CW -10Hz to +40 HZ window around the operating freq.
SSB 100 HZ window around the poperating freq (+- 50 HZ)
anything outside that window is compensated for, in much smaller
increments than 100 Hz.

Thus those of you out there that have these rigs, congrats,
I'll probably start looking for one now that I know the real
story, and have had good feedback.

If any of you out there are parting with your scouts, give me a
shout. (716) 637-6872 before 10 PM EDT. or email bmitchel@kodak.com.
73 Brad
WB8YGG
.

1780. Choose H-t

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: tomas.wennstrom@swedx.ct.se
Message-ID: <3f0e1ead@swedx.ct.se>
Source record: 212639

Hi,
I'm in beginners trouble.
I can't figure out what kind of H-T my first is going to be.
After looking over my budget, the options are:

Of course you in the USA, will hav an A instaed of an E in the
model-"numbers".

T21E
T22E
W21E
W21ET
FT-11R

I'm most interested in T21E, becuse I think it will give me much for
the mony. Am I wrong? If so, why?

* But feedback on the others are more than welcome. *
^^^^^^^^^^^^^^^^^
I would like to operate mobile, bicycle mobile, when I'm out walking the
dog and when I'm at home.
Will some of this radios fill the above stated purposes more than the
others. Why?

Tomas, SM7VLF

... SM7VLF, your quary berth on the air
___ Blue Wave/QWK v2.11

1781. MFJ Hi-Q Loop okay?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <42vm35$ipg@newsbf02.news.aol.com>
Source record: 212640

I am looking at either the AEA Isoloop or the MFJ HiQ Loop. Anyone with experience with the MFJ version? It's less and some of its features seem to be better.
73's Mike KS4DA

1782. Re: Drake TR-3 refurbishment, worth it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810760360.19991@pinetree.microserve.com>
Source record: 212641

smithj@innet.com (Jim Smith) wrote:

>In the humble opinion of the Net.Hams, is it worth trying to rework
>this rig for good performance on 15 and 10, or just leave it as a
nice rig for 80/40, with an occaisional trip to 20?

That's a tough question, Jim. I've seen people spend twice the
commercial value to restore cars, radios, model trains, etc. etc.

If you consider the rig to be just an appliance, the answer is
probably no, depending on what it needs. Things get old, things
break. Replace the tubes today and the power transformer might burn
up tomorrow.

OTOH, if you enjoy the restoration process itself and appreciate the
fun of operating older rigs, maybe it's worth it. If you elect this
route, be prepared for an ongoing outlay of cash and time due to
decreased reliability and higher maintenance costs.

73 & gud luck,

Jack WB3U

1783. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <42vpe4$1oh6@usenetw1.news.prodigy.com>
Source record: 212642

"Useless as tits on a bull..."

(ROTFLMAO!!)

That's good, that's VERY good!

-Drew in Charlotte-
KF4DDM

1784. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <42vpru$16uu@usenetw1.news.prodigy.com>
Source record: 212643

>The problem is, the government has failed to define what our basic
>individual rights are. Instead, it has allowed special interests to
>confuse their wants, desires and needs with legitimate rights.
>Satisfying the bogus "rights" of each whining "victim" now comes at
>the expense of everyone else's freedoms.

The ridiculous ECPA is a textbook example of this.

-Drew in Charlotte-
KF4DDN

1785. Kenwood TS830

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: dma@IslandNet.com
Message-ID: <42vq33$ajh@sanjuan.amtsgi.bc.ca>
Source record: 212644

Where can I get a complete service guide for this radio? I have the owners manual, but I'd hate to try to do any work on the 830 with just this info.

Thanks

Jan Skirrow
VE7DJX

1786. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DEpqGI.GBI@world.std.com>
Source record: 212645

jdb99@ix.netcom.com (jdb) sed:

:>" WE DO NOT SELL AMATEUR RADIO EQUIPMENT CAPABLE OF TRANSMITTING
:> TO ANYONE WHO DOES NOT HAVE AN AMATEUR RADIO LICENSE."

You probably had a water fountain with a sign over it that said, "WHITES ONLY"
too.

Twenty years ago you may have gotten by with your sign but I doubt today that
it would stay up long.

I previously sed:
:>>FWIW, I sold at least three radios yesterday to unlicensed
:>>individuals.

jdb replied:
:> As was your right to do so. If they cause you grief with
:>interference please don't bother the FCC.

Here's where you lost me jdb. Why would I bother with the FCC in the first
place? They would be the last ones that I, personally, would contact. FWIW in
the last 15 years I have helped to squelch many an interfering station and
without help of the FCC. Well, except for one time, in 1983, when I had to
call the Powder Springs, GA monitoring station for assistance with fishing
boats in the Gulf of Mexico. Their modified 27 MHz transmitters were copied
very well on several 10 meter frequencies. But that is really unrelated to
what we are discussing here. I think Gary Coffman said it very well in his
most recent post.

I sincerely hope that your actions helped you to sleep better. I mean after
all, you were doing your civic duty and keeping people from becoming criminals,
right? I'm sure your actions helped to improve the sales figures of other
amateur radio dealerships. ;{D

Hmmmm....Four-Land. That says it in a nutshell.

Hey Burt! You can jump in anytime now. :-D

Cheers!

Jim Martin, WK1V	When I go, I want to go just like my
Lowell, Massachusetts	grandfather...in his sleep...not like
USAF (Ret)ained	the screaming passengers in the back
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	seat of the car he was driving.

My opinion (if given) is my own and does not intentionally reflect the
policy of others in any way, shape, or form.

1787. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DEpqGw.GD5@world.std.com>
Source record: 212646

jackl@pinetree.microserve.com (WB3U) sed:

:> jjmartin@world.std.com (Jim Martin) wrote:

:>>FWIW, I sold at least three radios yesterday to unlicensed
:>>individuals.

:>Do you sell equipment as a sideline, or is it a legitimate business?
:>If it's a business, you should back up your convictions by posting
:>its name here.

It IS a legitimate business and I only work for them on a part-time basis.
Since I do not and will not speak on their behalf I see no reason to mention
their name here on the net.

```
-------------------------------------------------------------------------
|Jim Martin, WK1V | When I go, I want to go just like my |
|Lowell, Massachusetts | grandfather...in his sleep...not like |
|USAF (Ret)ained | the screaming passengers in the back |
|ex: KA5MWD/N1CLS/KB1LW/HL9ZF | seat of the car he was driving. |
-------------------------------------------------------------------------
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My opinion (if given) is my own and does not intentionally reflect the
policy of others in any way, shape, or form.

1788. TL922A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: lance@digital.net
Message-ID: <42vo4q$o2j@data.interserv.net>
Source record: 212647

Is there a WARC modification for this amplifier?

Lance K8IXZ
lance@digital.net

1789. Re: Scout Freq Compensation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DEpL31.LDx@iglou.com>
Source record: 212648

That ham was correct. Call Ten Tec and ask them. Maybe you could disable
that feature and let her drift.
--
Steve
n4lq@iglou.com

1790. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gsmlrn@gsm001.mendelson.com
Message-ID: <1995Sep10.234725.3894@gsm001.mendelson.com>
Source record: 212649

Dan Brown (danb@a.crl.com) wrote:

: 1. People say the best way to learn CW is to listen off the air.
: Well, that means you need a radio. Granted, receivers are available,
: but lots of people prefer the all-in-one convenience of a transceiver,
: which is why they're the most common type of rig. Why not let this
: person buy a rig to help learn code?

When I first was licensed I looked for a modern, already build transmitter
that I could use with my sw receviers. I had a Kenwood R5000, and an NRD535D.
I was unable to find anything that would work. In fact, I could not find a
new transmitter at all.

So as far as I can tell, there is no choice, unless you want to buy a
receiver and sell it when you get your license, you MUST buy a
transcevier.

73,

Geoff.
--
Geoffrey S. Mendelson (N3OWJ)
President, Mendelson Computer Consulting, Inc.
Voice (215) 242-8712 Fax (215) 242-3116 Email: gsm@mendelson.com
**** Michael Rubin Mendelson, Born 7/8/95 6:15am 9# 1.8oz 21"

1791. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4303bp$nsb@newsbf02.news.aol.com>
Source record: 212650

In article <42ut11$11g4@usenetp1.news.prodigy.com>, GCLL54A@prodigy.com (Gary Judd) writes:

>If a dealer is a piece of dog ---- as you say for selling to someone who
>may be unlicensed, or may use a radio for an illegal purpose, should a
>dealer refuse to sell to all the hams who order their equipment out of
>state
>to avoid paying sales tax in their home state? It is tax evasion by law
>in
>virtually every state in the union today. Should they police that too?
>
>
Hi Gary,

They must have changed stuff since I was in the retail business. I never "paid" sales tax, I just collected it and passed it on to the state. So was never profit by avoiding sales tax unless I collected it and just kept it. If someone is charging customers tax and not turning it in they should go to jail!

OTOH you may mean the customer is breaking the law. It isn't illegal to buy out of state for any reason you desire (so far as I know) as long as it is a legal personal purchase and not part of a bootleg resale underground operation.

Are you implying there is a law that says we must purchase everything in the state where we live and mail order is illegal? Please explain.

73 Tom

1792. Re: MFJ Hi-Q Loop okay?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4309j4$qpp@newsbf02.news.aol.com>
Source record: 212651

In article <42vm35$ipg@newsbf02.news.aol.com>, mparkes@aol.com (Mparkes) writes:

>I am looking at either the AEA Isoloop or the MFJ HiQ Loop. Anyone with
>experience with the MFJ version? It's less and some of its features seem
>to be better.
>73's Mike KS4DA

Mike, I have the MFJ here and it works pretty well. It is about an s unit down from a full size antenna on 14 MHz, and nearly equal on 28 Mhz.
Tom

1793. YAESU FT-411 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: cingersn@bdam.win.net
Message-ID: <51@bdam.win.net>
Source record: 212676

I just picked up a Yaesu FT-411 at a hamfest and am looking for a
copy of the manual. Will gladly pay copy and shipping costs.
Please reply via E-MAIL.

73

Carl
cingersn@bdam.win.net

1794. Re: GPS Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep10.012405.24181@ke4zv.atl.ga.us>
Source record: 212677

In article <RXGClqD.saremington@delphi.com> Scott Remington <saremington@delphi.com>
writes:
>I am considering purchasing a GPS receiver in the immediate future and would
>like comments on the various models currently on the market. Personal
>experience and/or rumors greatly appreciated. I've been looking at the Sony
>IPS760 because of the immediate bells&whistles reaction.

The Garmin 45 is the value leader. It's a slick and tiny little box
that works very well, is gentle on batteries, and floats. Magellan
and Trimble offering are also good units. You don't want that Sony pig.
Every one I've tried had trouble acquiring and keeping the satellites,
much worse than even my antique Icom GPS which is also a battery gobbling
pig that demands an external amplified antenna to work in a car. You can
just throw the little Garmin up on the dash and it's a happy camper, I've
even seen it work while lying in the passenger seat.

Discount Marine, or one of the other marine chains, have the best
prices, and often have sales with even better prices. Last I looked
the Garmin 45 was $199, but I've seen it on sale for even less.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1795. Re: September 95 CD-ROM Released

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: k2ph@dxis.monroe.pa.us
Message-ID: <DEoy4v.BCK@dxis.monroe.pa.us>
Source record: 212678
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

From article <42t1q7$kr7@caesar.ultra.net>, by bob@ultranet.com (Bob Levine):
> In article <42o96k$3ka@newsbf02.news.aol.com>, headshrnkr@aol.com proclaims...
>>
>>May I ask why you needed to SPAM this ad across 4 boards? One posting
>>would have really been fine, ok?
>
> I dont consider this a spam at all. Actually they are all places
> where people who might get benefit from this fine product can be
> found and they might appreciate knowing where they can get this
> CDROM.

For sale posts belong in rec.radio.swap only. That is the charter of
the newsgroup. Buying, selling, and trading posts do NOT belong in any
other newsgroup in the rec.radio.amateur hierarchy.

This is all explained very nicely in the "Guide to the Personal Radio
Newsgroups," that Jay Maynard posts on the 15th of every month. One
begins to think maybe it should be posted daily. 8^{)

73,
Bob K2PH

--
+------------------ \-\-\-\ -----------------------------+
Bob Schreibmaier K2PH	INTERNET: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

1796. Eimac 8874 Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: rod@venus.hili.com
Message-ID: <42vkg4$5cv@news.ios.com>
Source record: 212679
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave,rec.radio.swap

I have a pair of 8874 Eimac Grid Tubes. Brand New in Box.
Sell the pair for $500.00 Shipping Included

New Jersey
Call: 201-797-1227
E-Mail: rod@venus.hili.com
Rod
N2RVM

1797. Moonbounce Audio and FFT Image Recordings

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: mwcook@cris.com
Message-ID: <42vk9b$20m@warp.cris.com>
Source record: 212680
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna,uk.radio.amateur

I have added some EME audio recordings (WAV files) of
typical moonbounce QSOs to my web page:

http://www.webcom.com/~af9y

Also included are GIF images of what the signals looked
like with the FFTDSP program.

BTW: Still no winner of the weak signal challenge. The
prize is $40. All info is on the web page.

de Mike, AF9Y

1798. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12689.12.uupcb@totrbbs.radio.org>
Source record: 212681

WB>One of the problems with analogies is that their logic, while
WB>persuasive, is often unrelated to the principles under discussion.
WB>The above attempts to convince one of the merits of comparing sentient
WB>individuals to body parts. I've heard similar analogies relating us
WB>to ant colonies and bee hives. Buzz me up, Scotty.

The anology WAS related. You can screw up by not taking a look at the
whole picture now and then.

WB>>Freedom is defined in many ways.
WB>Freedom is defined in only one way - the recognition, respect, and
WB>protection of the rights of each individual.

Your knowledge and thoughts seem to come from only one place. All I can
say here is that freedom IS defined in many ways, you are wrong.
(Unless you restrict your world to only those individuals who line up on
fringe right.)

WB>A self governing people generally express themselves through the
WB>vote.
WB>There is no direct correlation between freedom and democracy. One
WB>has to ignore many inconsistencies and unfounded assertions to
WB>believe otherwise.

Well, I agree (whew, finally). I agree with that. Yep. There are many
people who consider themselves free, who most of us living here don't
consider free at all. What right do we have to excessive pride ?

WB>>But a grave mistake is made when back roads created by wealth begin
WB>>thwarting the political process.
WB>Those back roads are the result of a political system already
WB>corrupted and insufficiently restrained by an inadequate
WB>constitution. The more it's thwarted, the greater the chance for
WB>majority recognition of this fact.

Yep, I agree with that too. The only thing that is lacking so far as
majority recognition goes is more forums such as this one to air out our
differences. This is great, isn't it ? Without good forum, ideas do
not pass from person to person much. We are taught all the time not to
talk about politics, because it only ends up in hurt feelings. I guess
that might be good advice until we are able to talk without too much of
a flareup. (At least ones that incites riots and other unwarrented
violent acts.) Until then, we all have a greater tendency to line up
and accept whatever we are handed (especially if it is the hand that is
feeding us.)

WB>>>The vendor owns the equipment and ** it is his property to do with
WB>>>as he pleases. **

WB>>By your same logic then it is morally sound to sell to unliscensed
WB>>persons. (I added the stars in case you missed the point.)

WB>I didn't say it was immoral to sell to unlicensed persons, although in
WB>fact it doesn't meet the standards I would set for myself in that
WB>position. The only immorality I've seen mentioned is the suggestion
WB>that dealers should be forced by law to sell to everyone. This
WB>concept is just as immoral as a law *prohibiting* them from selling to
WB>everyone.

Yeap, I certainly agree with that ! Hmm... upon rereading earlier
phrases up the chain in this discussion I am suprised that you are
choosing to express in just this way. It sure seemed to me that you
felt differently a few messages ago. However, the misunderstanding was
probably all in my mind I guess.

73 to you too, Jack.

Steve

. OLX 2.1 TD . MSI - Bringing it all together in '92

. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1799. Mods for Uniden 66 PCXl

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: treefrog@winternet.com
Message-ID: <42tsfm$e90@blackice.winternet.com>
Source record: 212682

Hi, I'm a small time CB'er, with a hankering to make some modifications to my CB, such as sideband, power mike, roger beep, any other little suggestions anybodyy might have. If you can either respon here or e-mail me, I would appreciate it. Thanks,

-Chris
-treefrog@winternet.com

1800. Small transmitter and receiver combo

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: treefrog@winternet.com
Message-ID: <42tsk0$e90@blackice.winternet.com>
Source record: 212683

Hi, I'm into launching model rockets, and need to come up with a very small transmitter, and a matching receiver, to be used in locating rockets. It doesn't have to be very powerful, say a 2500 ft range. The library wasn't too helpful, but if anybody has plans, I would greatly appreciate it, or if you could recommend another resource for plans, Thanks,

-Chris

1801. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <42u6gd$6me@newsbf02.news.aol.com>
Source record: 212684

In article <42sjo0$ir0@newsbf02.news.aol.com>, ptracy@aol.com (PTracy)
writes:

>Huh? That one totally escapes me. Is that so toungue in cheek that it
>flew over my head?
>
>

With Ted on the ticket it is probably a very tounge in cheek reply.
Question is whose cheek? Perhaps Don Kings. Anyway that's all water under
the bridge now. (gosh I love doing this)

No more double meanings or hidden references to murderers or dog yellow
cowards that drown their dates in love. I promise.

Tom

1802. Re: Scout Freq Compensation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: capshawd@doubtfire.eng.sematech.org
Message-ID: <42ud0k$erd@pulitzer.eng.sematech.org>
Source record: 212685

I did a little research on the Scout/Argo frequency stability and setablility:

1) The operator's manual indicates that measurements to 10 Hz are used when compensating the LO (PTO+XTAL) frequency.

2) A frequency counter on the LO output (of an Argo) confirms that it is able to control within a 10 Hz range (or so) and that frequencies can be set each 10 Hz.

3) The bad news is that while the system is locked on a frequency it compensates for small changes in the PTO caused by the tuning control; it does not detect the operator input until a 100 Hz change (or so) was made.

So the answer is Yes and No. The rig locks well onto a give frequency, but one can have a devil of a time changing this control point by only a few Hertz.

Dave
n5jnd

--
David.Capshaw@SEMATECH.ORG

1803. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <810739077.15376@pinetree.microserve.com>
Source record: 212686

w8jitom@aol.com (W8JI Tom) wrote:

>No more double meanings or hidden references to murderers or dog
>yellow cowards that drown their dates in love. I promise.

Don't hold back on my account. :)

73,

Jack WB3U

1804. wtb watt meter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: TSKW55A@prodigy.com
Message-ID: <42usk7$t54@usenetw1.news.prodigy.com>
Source record: 212687

i want to buy a good used swr&watt meter for 10 to 160 meter email tskw55a@prodigy.com

1805. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: GCLL54A@prodigy.com
Message-ID: <42ut11$11g4@usenetp1.news.prodigy.com>
Source record: 212688

If a dealer is a piece of dog ---- as you say for selling to someone who may be unlicensed, or may use a radio for an illegal purpose, should a dealer refuse to sell to all the hams who order their equipment out of state
to avoid paying sales tax in their home state? It is tax evasion by law in
virtually every state in the union today. Should they police that too?

1806. Re: Ever Been a CB repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: 917461@bud.swin.edu.au
Message-ID: <42usq9$8kl@lucy.swin.edu.au>
Source record: 212689

WB3U (jackl@pinetree.microserve.com) wrote:
: In article <charles1DEAxtv.15A@netcom.com>,
: charles1@netcom.com (charles copeland) wrote:
: >Have there ever been CB repeaters? If not, why not?

: The FCC doesn't allow it.

In Australia we have a second "CB" service with 40 channels between
476.400 and 477.400 MHz, FM naturally.
Channels 1 to 10 and 31 to 40 are ten matched pairs for repeater use.
We don't have 27MHz repeaters either, too much potential for problems at
27 MHz... Plus the government policy for many years was to displace 27MHz
activity to UHF, though they seem to have accepted that 27MHz won't go
away now any more than it would in the 1970's when it wasn't yet legal
and was an amateur allocation.

Graham W.
VK3 TGW

1807. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DEp5D2.F3J@world.std.com>
Source record: 212690

I am wondering how many involved in this thread are actually involved in the retail sale of amateur radio equipment? I thought so. Why is everyone so worried about non-licensed people purchasing amateur radio transmitters?

FWIW, I sold at least three radios yesterday to unlicensed individuals.

That is what I love about cyber-argument. You can argue until pigs fly on the net when at the same time, off the net, life still goes on. Same with the cw argument.

Regards Gentlemen,

```
-------------------------------------------------------------------------
|Jim Martin, WK1V | When I go, I want to go just like my |
|Lowell, Massachusetts | grandfather...in his sleep...not like |
|USAF (Ret)ained | the screaming passengers in the back |
|ex: KA5MWD/N1CLS/KB1LW/HL9ZF | seat of the car he was driving. |
-------------------------------------------------------------------------
```

My opinion (if given) is my own and does not intentionally reflect the policy of others in any way, shape, or form.

1808. Re: IC-736 Comments Please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <42v10n$qhc@news.halcyon.com>
Source record: 212691

In article <42t79c$93m@medulla.ama.ttuhsc.edu>, william@cortex (William Biggs) says:
>
>Jon Burt (jon.burt@totrbbs.radio.org) wrote:
>: Ed,
>: I just bought a IC-736 about 6 weeks ago. It was a big step up from
>: my old Ft-101ee! I think its a great radio, and I enjoy it, but If
>: I were to do it over, I think I would buy the 738 instead. 6m is nice
>: to have, but not too much there... The main problem w/ the 736 is the
>: lack of portability due to the built in power supply... of course, that
>: is also a feature. Good Luck!
>: 73 de Jon
>: KC4UKK
>
>My only beef is the rudimentary PL tone board available. If you need to
>get into more than one 6m repeater , pray that they use the same PL tone.
>
>The tone board option is programmed by soldering jumpers !
>
>Not something you can exactly do on the fly !
>
>
>--
>William C. Biggs , MD
>KC5JIF Howdy from the High Plains of Texas
>1900 South Coulter Drive
>Amarillo, TX 79106

William,

You will be glad to know the IC-775DSP and the forth coming IC-706 use
front panel programming for the tones. You can always connect a ribbon
cable and dp switch up or get a outboard TE-64 from Communications
Speciliasts in Ornage, CA

Gary

1809. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: jdb99@ix.netcom.com
Message-ID: <42v2pb$m9l@ixnews4.ix.netcom.com>
Source record: 212692

In <DEp5D2.F3J@world.std.com> jjmartin@world.std.com (Jim Martin)
writes:
>
>I am wondering how many involved in this thread are actually involved
>in the retail sale of amateur radio equipment? I thought so. Why is
>everyone so worried about non-licensed people purchasing amateur radio
>transmitters?

Until my partner died. I was. For over 20 years. And it was
OUR store policy that got the ball rolling again.
Posted in large black letters right behind the sales counter..

" WE DO NOT SELL AMATEUR RADIO EQUIPMENT CAPABLE OF TRANSMITTING
TO ANYONE WHO DOES NOT HAVE AN AMATEUR RADIO LICENSE."
>
>FWIW, I sold at least three radios yesterday to unlicensed
individuals.

As was your right to do so. If they cause you grief with
interference please don't bother the FCC.

N4DDS

1810. Re: Tone squelch Alinco DJ580T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <42u0l6$kju@bigboote.WPI.EDU>
Source record: 212693

In article <1995Sep8.074913.1@evax01.d51.lilly.com>,
<ga19989@evax01.d51.lilly.com> wrote:
>I have an Alinco 580T handheld...
>
>the tone squelch of the 580T delays about 2 seconds before it opens up,
>and I miss the first 2 seconds of the other guy's transmission...
>
>The other problem with the tone squelch is that it only works when I am
>monitoring that band (i.e. the 443 tone squelch is diabled when the radio's
>2 meter transmitter is enabled)...

The DJ-580 tone squelch decoder is quirky in several respects:

1) When decoding a CTCSS tone, there is a 2 second delay from the time the received tone disappears until the decoder resets. Thus, when the CTCSS transmission "drops", the DJ-580 will be in carrier squelch mode for two seconds before reverting to CTCSS squelch mode. In some respects, this is not a bad thing. When operating simplex, for instance, it lets the user hear any non-CTCSS equipped stations attempting to break into the conversation between transmissions.

2) When there is a signal already present on the frequency without the proper CTCSS tone (such as a distant repeater) and a transmission with the proper tone appears on top of it, there will be a 2 second delay before the DJ-580 tone squelch opens up on the proper tone. This is what Mel is referring to above, and it definitely is a bug. Fortunately, the problem only occurs under the specific conditions described, but it is still annoying.

3) The tone decoder only functions on the primary band, so the secondary band will always be in carrier squelch mode. When swapping primary bands, however, the tone decoder applies the tone setting of the former primary band to the new primary band; and only updates the setting when a frequency or tone change is made, or the transmit button is pressed.

Example: You have 146.52 stored in VHF with a tone squelch setting of 100 Hz and 446.000 stored in UHF with a tone squelch setting of 88.5 Hz. While you are talking on UHF, the VHF side is in carrier squelch mode. When you push the VHF button (changing the primary band to VHF), the VHF side goes into tone squelch mode but with the UHF tone frequency of 88.5 Hz; rather than 100.0 Hz. It stays this way until you transmit or change receive frequency, at which point the tone frequency gets updated to 100.0 Hz.

My DJ-580 was one of the first units produced, so I don't know if any of these problems were addressed in later revisions.

Greg
N1DEM

1811. HTX-202 Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <42v2hg$s98@usenetw1.news.prodigy.com>
Source record: 212694

Greetings,

I just bought my first 2-meter radio yesterday. Got the HTX-202 for $199 at Rat Shack. Signal reports have all been good and strong, with clear modulation. For $199, I figured I couldn't go wrong.

In the instruction manual, it says that the supplied 7.2V nicad pack should only be charged with the charger that's included in the package. It's rated at 12VDC, 1A. Would it hurt the battery pack and/or unit to charge from the 12VDC cigarette lighter cord? How about an external 12VDC, 2A power pack that I have?

My main concern is charging from the car cord. I want to make sure my nicad pack is fully charged at all times, but I don't want to mess up this nice little radio, either.

-Drew in Charlotte-
KF4DDM

1812. Moto Mitrek as Ham repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: "Alan K. Adamson" <ne1h>
Message-ID: <42v2rt$39h@wa4mei.radio.org>
Source record: 212695

All,

I need some help, I was wondering if a Moto Mitrek could be used as a Ham repeater, I haven't heard of many, and so I was wondering. I know there are three different freq ranges and maybe more, (low cut, mid, and High-cut). So who can help me with this, one, just wondering? :)

Thanks a ton in advance,
Alan Adamson
NE1H
ne1h@tornado.ne1h.radio.org

1813. Moto Mitrek as Ham repeater?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: "Alan K. Adamson" <ne1h>
Message-ID: <42v2s8$4dt@wa4mei.radio.org>
Source record: 212696

All,

I need some help, I was wondering if a Moto Mitrek could be used as a Ham repeater, I haven't heard of many, and so I was wondering. I know there are three different freq ranges and maybe more, (low cut, mid, and High-cut). So who can help me with this, one, just wondering? :)

Thanks a ton in advance,
Alan Adamson
NE1H
ne1h@tornado.ne1h.radio.org

1814. Info sought on TH21-E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: chris@chrisss.demon.co.uk
Message-ID: <810753460.7305@chrisss.demon.co.uk>
Source record: 212697

I have just picked up a trio TH21-E handheld without any documentation

Does anyone Know this rig and if so could they let me know its output
also if there is anyway to run it from a 12V supply and anything else
that may be useful.

I intend to change its nasty phono style aerial socket at the first
oppurtunity anything I should watch out for?

many thanks
Chris Selwyn-Smith Landscape Services
chris@chrisss.demon.co.uk
G1RQZ Hampton Court

1815. Re: Scout Freq Compensation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DEp840.At4@mv.mv.com>
Source record: 212698

I've had a Ten-Tec Scout for almost 2 years and have had drift only for the first few minutes after it has been turned on. The rig has firmware that locks in the frequency. The drift has been impreceptable and I've not had a problem with it. Every rig I've owned has drifted a little bit. I think for the money its an excellent quality rig! However I am thinking of selling it and upgrading to a factory reconditioned Paragon only because I've outgrown the Scout and want the extra features of a more expensive hf radio.

73's

Bryan - KA1FQT

1816. 4 Sale - Dual Band handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: johnmas1@ix.netcom.com
Message-ID: <42v7qe$eu1@ixnews6.ix.netcom.com>
Source record: 212699

For Sale *** New-in-the-Box

ICOM IC-W21AT 144/430 Handheld
BP-157A 7.2V 900mAh Battery
BP-132A 12V 600mAh Battery
BP-132 12V 600mAh Battery
HM-75 Speaker/Mic
2 Softcases for battery configs above

$400.00 or b/o

Call 916-392-2704 and leave message.

73's KL7RT

1817. Mods for Uniden 66 PCXl

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12700.12.uupcb@totrbbs.radio.org>
Source record: 212700

CAH>Hi, I'm a small time CB'er, with a hankering to make some modifications to
CAH>CB, such as sideband, power mike, roger beep, any other little suggestions
CAH>anybodyy might have. If you can either respon here or e-mail me, I would
CAH>appreciate it. Thanks,

CAH>-Chris
CAH>-treefrog@winternet.com

Chris,
I can vouch for the fact that it is easy and fun to study and take the
test to get an amateur radio liscense. Since you have the desire to do
the things you mention (which in some cases are complex and require a
bit of study themselves). Getting the liscense is the easy part, and
just the start too. Once you've got that, you get easier access to a
lot of very knowledgable people that don't seem to mind spending a
little time here and there helping to pass on that knowledge. At this
point you'll probably find yourself with project after project.
Steve

. OLX 2.1 TD . Press any key to continue or any other key to quit
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1818. Small transmitter and rec

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-10 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12701.12.uupcb@totrbbs.radio.org>
Source record: 212701

CAH>Hi, I'm into launching model rockets, and need to come up with a very small
CAH>transmitter, and a matching receiver, to be used in locating rockets. It
CAH>doesn't have to be very powerful, say a 2500 ft range. The library wasn't t
CAH>helpful, but if anybody has plans, I would greatly appreciate it, or if you
CAH>could recommend another resource for plans, Thanks,

A friend of mine who was upgrading a remote control airplane to a higher
model sold me his old set at a great deal. I looked it over and
noticed a lot of small lightweight radio controlled servo motors and
stuff. And from the way he described it, there was a great variety of
equipment to choose from. Not that I know, but I'd bet that 1) either
something exists for model rockets, or 2) something could be adapted
from R/C airplane flying. Hmm.. Just a guess, if you can find a hobby
shop that sells remote control planes, you might stop by and ask about
model rockets. He might have them or know a magizine on that topic that
would provide information, or etc.

Steve

. OLX 2.1 TD . Hello, I am part number .....
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1819. Re: Change WBFM to NBFM????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: cwixson@freenet1.scri.fsu.edu
Message-ID: <431r17$elv@freenet3.scri.fsu.edu>
Source record: 212502
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.misc

I have a few of those RT-68's and have fun using them just the way they are. Talk lightly and the nbfm'ers can hear you, or talk loud to another rt-68 and its the only thing that will hear you. you'll get used to limiting the audio. Any-way , thats how i use mine. Also have a few rt-67's and rt.70's. Want to convert the 70's to cw.

See-Ya

Chuck, WD8DTH, MICHIGAN

1820. Re: HTX100 schem or transverter mods??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: n7tcf@primenet.com
Message-ID: <431b17$gql@nnrp1.primenet.com>
Source record: 212503
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In <01HUZVWBH4GI00BLXV@uthscsa.edu>, MUENZLERK@uthscsa.edu (Muenzler, Kevin) writes:
> landisj@nad.com (Joe Landis - Systems & Network Mgr) writes:
>
> -Hi,
> -Does anyone have a schematic for the Radio Shack HTX100 10 meter rig,
> -or has anyone added seperate low-level transmit and recieve?
> -I'd like to use mine for a 28mhz tunable if for a DEM 432 mhz IF
>transverter.
> -
> -Thanks,
> -Joe - AA3GN

qrz.com has a large mods directory with text files, no schematics, that will help. Check ftp.qrz.com or www.qrz.com. Or buy the cd-rom if all else fails.

Jim N7TCF

1821. Re: Help - Ham-stores in Philadelphia ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <4302jt$eu2@crow.cybercomm.net>
Source record: 212557
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

terjeu@fo20.fo.mil.no (Knut Terje Ulvund) wrote:
>
> CQ CQ , calling hams in or nearby Philadelphia, PA.
>
> My name is Terje, Call-sign LA8RIA.
> I am going to visit Philadelphia between Fri 15. sep. 95
> and Sat. 23. sep. 95.
> During this week I am interested in visiting one or more
> ham-stores to pick up an all mode 2m or 2m/70cm transceiver.
>
> Are there anyone out there who can help me out locating ham-stores
> in or nearby the City.
>
> I will attend the International Oracle User Week at the
> Pennsylvania Convention Center.
>
> Answers are preferrably recieved by mail to :
> terjeu@fo.mil.no
>
> Many thanks in advance !!
>
> 73's de Terje
> --
> +---+
> ! Knut Terje Ulvund !
> ! Headquarters - Defense Command Norway !
> ! Email : terjeu@fo.mil.no !
> ! Tel. job : (+47) 22 49 75 70 !
> ! Tel. priv : (+47) 33 07 81 45 !
> ! Packet-BBS : LA8RIA@LA4O !
> ! !
> ! 'f U cnt rd ths, U'r nt a prgrmr ! !
> +---+

There's one called Hamtronics just outside of Phila.,in a town
called Trevose..maybe 15 to 20 minutes from Phila. They carry
all major brands of ham goodies..
Steve, WA2NHZ

1822. FS Swan 700-CX HF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: scotty@genesis.net
Message-ID: <42vven$q1p@news.genesis.net>
Source record: 212558

For sale, Swan 700-CX HF transceiver, in excellent condition
cosmetically on the inside and outside. Includes manual, matching
power supply and speaker. This is a good old high power vacuum tube
transceiver for 80, 40, 20, 15 and 10 meter ranges. 400 watts PEP.
I purchased the set two years ago at a sale and have used it quite a
bit for receiving only, performance is great for receiving but unknown
for transmitting.

Asking $175 or any reasonable offer, E-mail me at:

scotty@genesis.net

1823. Yaesu Ft-8500 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: Robert D Houghton <rhought@cello.gina.calstate.edu>
Message-ID: <4304p2$5gd@cello.gina.calstate.edu>
Source record: 212559

Hi there,

Does anybody have a copy of the CAP/MARS mods for the new Yeasu FT-8500 dual band mobile radio. If so I'd appreciate the info, either here or by email.

So far I love this radio despite it's rather clunky microphone/controller. Receiving range is wide on both bands, scanning speed is *fast* and intermod rejection seems good.

Even if you *don't* have the mods, I'd like to communicate with others who have this radio.

Thanks,

Bob

++++++++++++++++++++++++++++++	++
	AMSAT member #26148
Robert D. Houghton	digital satellites: KC6LVG@PACSAT
Science Department Chairman	Packet radio: kc6lvg@k6unq.#cas.na
John A. Rowland High School	Other internet:
Rowland Heights, CA 91748	kc6lvg@amsat.org
	rdhoughton@vms4.sci.csupomona.edu
++++++++++++++++++++++++++++++	++

1824. Cubical Quad Antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: Ed Buchanan <75273.2372@compuserve.com>
Message-ID: <43060d$cfm@dub-news-svc-4.compuserve.com>
Source record: 212560

Complete line of Quad Antennas available from CUBEX CO. 2761 Saturn St. Brea, CA USA
714-577-9009
Fax 714 577 9009

1825. Re: Moonbounce Audio and FFT Image Recordings

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <810801978snz@microvst.demon.co.uk>
Source record: 212561
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna,uk.radio.amateur

In article <430i9g$qae@ixnews2.ix.netcom.com>
ecurrie@ix.netcom.com "Edward H. Currie " writes:

> In <42vk9b$20m@warp.cris.com> mwcook@cris.com (Mike Cook) writes:
> >BTW: Still no winner of the weak signal challenge. The
> > prize is $40. All info is on the web page.
>
> Is this an ad for a commerical enterprise?

I think you've sussed it out. Thus far he has not been able to give away
his money and this means he is $40 ahead of budget and thus his enterprise
is a winner. Maybe I'll offer $100, take my company public on the success
of not paying it, and then make him a tender offer in stock :-)

Hi, Eddie!
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1826. European Radio Stations in USA

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: mi@cs.bu.edu
Message-ID: <431rc7$193@news.bu.edu>
Source record: 212562
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm looking for a radio (possibly, portable) which will be able to
get European AM stations. I've already tried Sony and Grundig por-
tables, but I can not listen to, say Voice of America (they broadcast
in Russian from Eastern Europe). Thanks in advance for any hints. Ple-
ase, reply be e-mail (mi@cs.bu.edu). Sincerely,
-mi
--

[illegible]...

-- Why is that 2 o'clock all the time?!
-- It is a manometer!!!

1827. Re: European Radio Stations in USA

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DErD66.Eto@iglou.com>
Source record: 212563
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

```
Do you mean you want to recieve European AM stations on our BC band?
That's not possible with any radio from here.
```

Mikhail Teterin (mi@cs.bu.edu) wrote:
: I'm looking for a radio (possibly, portable) which will be able to
: get European AM stations. I've already tried Sony and Grundig por-
: tables, but I can not listen to, say Voice of America (they broadcast
: in Russian from Eastern Europe). Thanks in advance for any hints. Ple-
: ase, reply be e-mail (mi@cs.bu.edu). Sincerely,
: -mi
: --
: [illegible]...
: -- Why is that 2 o'clock all the time?!
: -- It is a manometer!!!
--
Steve
n4lq@iglou.com

1828. Re: Help - Ham-stores in Philadelphia ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <432gcr$7k0@crow.cybercomm.net>
Source record: 212564
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

terjeu@fo20.fo.mil.no (Knut Terje Ulvund) wrote:
>
> CQ CQ , calling hams in or nearby Philadelphia, PA.
>
> My name is Terje, Call-sign LA8RIA.
> I am going to visit Philadelphia between Fri 15. sep. 95
> and Sat. 23. sep. 95.
> During this week I am interested in visiting one or more
> ham-stores to pick up an all mode 2m or 2m/70cm transceiver.
>
> Are there anyone out there who can help me out locating ham-stores
> in or nearby the City.
>
> I will attend the International Oracle User Week at the
> Pennsylvania Convention Center.
>
> Answers are preferrably recieved by mail to :
> terjeu@fo.mil.no
>
> Many thanks in advance !!
>
> 73's de Terje
> --
> +---+
> ! Knut Terje Ulvund !
> ! Headquarters - Defense Command Norway !
> ! Email : terjeu@fo.mil.no !
> ! Tel. job : (+47) 22 49 75 70 !
> ! Tel. priv : (+47) 33 07 81 45 !
> ! Packet-BBS : LA8RIA@LA4O !
> ! !
> ! 'f U cnt rd ths, U'r nt a prgrmr ! !
> +---+

Also reminded by wn2k about HRO in Delaware..(that's where I do
my shopping)..Bob is very helpful & patient) it's not exactly that
close to Phila., but worth the trip if you have the transportation
and time

Steve, WA2NHZ

ps Bob do I get a discount off Icom 706 now?

1829. Re: Moonbounce Audio and FFT Image Recordings

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: ecurrie@ix.netcom.com
Message-ID: <430i9g$qae@ixnews2.ix.netcom.com>
Source record: 212565
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna,uk.radio.amateur

In <42vk9b$20m@warp.cris.com> mwcook@cris.com (Mike Cook) writes:
>
>I have added some EME audio recordings (WAV files) of
>typical moonbounce QSOs to my web page:
>
> http://www.webcom.com/~af9y
>
>Also included are GIF images of what the signals looked
>like with the FFTDSP program.
>
>BTW: Still no winner of the weak signal challenge. The
> prize is $40. All info is on the web page.
>
>de Mike, AF9Y
>

Is this an ad for a commerical enterprise?

1830. Selling to Unlicensed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12744.12.uupcb@totrbbs.radio.org>
Source record: 212566

I don't know why, but it seems that you previous message duplicated for some reason. In case my reply was lost for some reason, I'll resend it here.

WB>persuasive, is often unrelated to the principles under discussion.
WB>The above attempts to convince one of the merits of comparing sentient
WB>individuals to body parts. I've heard similar analogies relating us
WB>to ant colonies and bee hives. Buzz me up, Scotty.

The anology WAS related. You can screw up by not taking a look at the whole picture now and then.

WB>>Freedom is defined in many ways.
WB>Freedom is defined in only one way - the recognition, respect, and
WB>protection of the rights of each individual.

Your knowledge and thoughts seem to come from only one place. All I can say here is that freedom IS defined in many ways, you are wrong. (Unless you restrict your world to only those individuals who line up on fringe right.)

WB>A self governing people generally express themselves through the
WB>vote.
WB>There is no direct correlation between freedom and democracy. One
WB>has to ignore many inconsistencies and unfounded assertions to
WB>believe otherwise.

Well, I agree (whew, finally). I agree with that. Yep. There are many people who consider themselves free, who most of us living here don't consider free at all. What right do we have to excessive pride ?

WB>>But a grave mistake is made when back roads created by wealth begin
WB>>thwarting the political process.
WB>Those back roads are the result of a political system already
WB>corrupted and insufficiently restrained by an inadequate
WB>constitution. The more it's thwarted, the greater the chance for
WB>majority recognition of this fact.

Yep, I agree with that too. The only thing that is lacking so far as majority recognition goes is more forums such as this one to air out our differences. This is great, isn't it ? Without good forum, ideas do not pass from person to person much. We are taught all the time not to talk about politics, because it only ends up in hurt feelings. I guess that might be good advice until we are able to talk without too much of a flareup. (At least ones that incites riots and other unwarrented violent acts.) Until then, we all have a greater tendency to line up

and accept whatever we are handed (especially if it is the hand that is feeding us.)

WB>>>The vendor owns the equipment and ** it is his property to do with
WB>>>as he pleases. **

WB>>By your same logic then it is morally sound to sell to unliscensed
WB>>persons. (I added the stars in case you missed the point.)

WB>I didn't say it was immoral to sell to unlicensed persons, althoughin
WB>fact it doesn't meet the standards I would set for myself in that
WB>position. The only immorality I've seen mentioned is the suggestion
WB>that dealers should be forced by law to sell to everyone. This
WB>concept is just as immoral as a law *prohibiting* them from sellingto
WB>everyone.

Yeap, I certainly agree with that ! Hmm... upon rereading earlier phrases up the chain in this discussion I am suprised that you are choosing to express in just this way. It sure seemed to me that you felt differently a few messages ago. However, the misunderstanding was probably all in my mind I guess.

73 to you too, Jack.

Steve

. OLX 2.1 TD . Proofread carefully to see if you any words out.
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1831. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <430rgt$her@ixnews4.ix.netcom.com>
Source record: 212567

In <4303bp$nsb@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom)
writes:
>
>In article <42ut11$11g4@usenetp1.news.prodigy.com>,
GCLL54A@prodigy.com
>(Gary Judd) writes:
>
>>If a dealer is a piece of dog ---- as you say for selling to someone
>>who may be unlicensed, or may use a radio for an illegal purpose,
>>should a dealer refuse to sell to all the hams who order their
>>equipment out of state to avoid paying sales tax in their home state?
>>It is tax evasion by law in virtually every state in the union today.
>> Should they police that too?
>>
>>
>Hi Gary,
>
>They must have changed stuff since I was in the retail business. I
>never "paid" sales tax, I just collected it and passed it on to the
>state. So was never profit by avoiding sales tax unless I collected it
>and just kept it. If someone is charging customers tax and not turning
>it in they should go to jail!
>
>OTOH you may mean the customer is breaking the law. It isn't illegal
>to buy out of state for any reason you desire (so far as I know) as
>long as it is a legal personal purchase and not part of a bootleg
>resale underground operation.
>
>Are you implying there is a law that says we must purchase everything
>in the state where we live and mail order is illegal? Please explain.
>
>73 Tom

In Kalifornia, if you purchase something via mail order from another
state and the retailer does not charge you Kalifornia sales tax, you
are supposed to send the state of Kalifornia a check (or money order,
precious metals, your first born child, other legal tender) for the
amount of the sales tax it WOULD have been had you purchased it in
Kalifornia (Long damn sentence, isn't it?). I am not aware of anyone
that actually does it though. . . .I do of course. I, of all people,
would NEVER break/bend/fold/spindle/mutilate any law of the state of
Kalifornia whether that law was just or unjust.

The Kalifornia State Board of Equalization actually has the b..ls to
ask mail-order retailers (who have no offices/stores in Kalifornia)in

other states to collect the sales tax for them. The retailer, however, is not obligated, legally (yet anyway) or otherwise, to comply. I understand most other states have the same type of law as Kalifornia.

So there. . .

73

John
KE6TGN

1832. Help Needed re: TS820S Display

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: wb4ijn@awod.com
Message-ID: <431hbb$pi4@edisto.awod.com>
Source record: 212568

Has anyone had any trouble with a Kenwood TS820S digital diplay? Mine is a little flaky at times, and reads 2KC high on 40 meters, and a couple of MC off on 20, 15, and 10.

Any suggestions, other than deep-sixing?

1833. Mods for Uniden 66 PCXl

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: pve@dg13.cec.BE
Message-ID: <3053EE9B@smtp>
Source record: 212569

Hi,
it looks to me as though you have the technical interest to perhaps do a ham test. You know, with the technician class license you can do a test very easily WITHOUT morse code. You answer about 55 questions and thats it!

The ARRL has a Video package that makes it very easy to learn which you can borrow from your library. For small time CBers like you (or for anyone with interest in the field), it is not very difficult and opens up new bands.

And you can remain a CBer if you like as well.

As far as mods are concerned, I dont have any, but if you get magazines such as Popular Comms and Monitoring times, info is provided about modifying your radios.

Good luck,

Peter, KC1QF
kc1qf@amsat.org

1834. Re: H.R.E. BUYS HAM GEAR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <4319qa$qsj@tilde.csc.ti.com>
Source record: 212570

Hi Joe, Dont mean to sound like a jerk, but this
newsgroup is not intended for buying and selling gear.
Please dont cross-post to this newsgroup, when putting
up the buy/sell/swap adds. As the name implies, the
discussion on this newsgroup center around equipment
itself and not about the buying/selling for business.
Most of the readers on this newsgroup also read
rec.radio.swap, which is the appropriate newsgroup for
buying and selling amateur and commercial radio gear.

Also, please no caps. It infers "shouting", which
would tend to scare the customers off.

Congratulations on vending used ham gear...not many
outlets deal in used gear these days.

Seriously...not meant to be a flame. Just some
friendly information.

--
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

1835. Re: MFJ Hi-Q Loop okay?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <431a4j$qsj@tilde.csc.ti.com>
Source record: 212571

In article <4309j4$qpp@newsbf02.news.aol.com>, w8jitom@aol.com says...
>
>In article <42vm35$ipg@newsbf02.news.aol.com>, mparkes@aol.com (Mparkes)
>writes:
>
>>I am looking at either the AEA Isoloop or the MFJ HiQ Loop. Anyone with
>>experience with the MFJ version? It's less and some of its features seem
>>to be better.
>>73's Mike KS4DA
>
>Mike, I have the MFJ here and it works pretty well. It is about an s unit
>down from a full size antenna on 14 MHz, and nearly equal on 28 Mhz.
>Tom

Occasionally use one here from BV at the club station. The antenna is mounted horizontally at about 120 feet in the clear (away from any nearby metal). While tuning is very touchy (hard to tune), the performance is quite decent. We ran the All Asia CW contest with it and it it OUTPERFORMED the 1/2 wave vertical (R5) on 20 and 17, was equal on 15, 12, and 10. It is only about 1 s-unit below a 2-element tri-band trap yagi (Mosley TA-32). This one was brought back from Canada by a local ham..
BTW....I'm still trying to get my hands on one but no luck so far. I'd say give it a whirl if you can find one.

--
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

1836. Re: Cubical Quad Antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <431brn$5p4@newsbf02.news.aol.com>
Source record: 212572

In article <43060d$cfm@dub-news-svc-4.compuserve.com>, Ed Buchanan
<75273.2372@compuserve.com> writes:

>Complete line of Quad Antennas available from CUBEX CO. 2761 Saturn St.
Brea,
>CA USA 714-577-9009
>Fax 714 577 9009
>
>

Advertising on newsgroups sucks.

1837. Wanted: Schematic for ACC DVR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: rodell@netcom.com
Message-ID: <rodellDEqzLB.GGp@netcom.com>
Source record: 212573

I need a schematic for an Advanced Computer Controls DVR-1. Inquiries to ACC about this particular item have gone unanswered, and I need to track down a problem. My manual does not contain the full schematic.

Any help or pointers is/are appreciated. Thanks in adcance.

```
--
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
_/_/ Robert W. Odell (WA2WLH) Voice: (801) 536-4795 _/_/
_/_/ Salt Lake City, Utah,U.S.A. CP-ASEL, AMEL _/_/
_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/_/
```

1838. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <431ntf$ehm@usenetw1.news.prodigy.com>
Source record: 212574

>The Kalifornia State Board of Equalization actually has the b..ls to
>ask mail-order retailers (who have no offices/stores in Kalifornia)in
>other states to collect the sales tax for them. The retailer, however,
>is not obligated, legally (yet anyway) or otherwise, to comply. I
>understand most other states have the same type of law as Kalifornia.
>
>So there. . .

Exactly right. The retailer has no legal obligation to collect the tax,
since they are not doing business in the state of California. They can
"ask" all they want, but it usually doesn't accomplish much.

So...if you live in California...take the short drive to Oregon and make
all your purchases there. (Oregon has no sales tax)

-Drew in Charlotte-
KF4DDM

1839. Re: H.R.E. BUYS HAM GEAR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: geo@nando.net
Message-ID: <431pb7$ml2@parsifal.nando.net>
Source record: 212575

I hope he takes the nice message to heart!

73 DE KQ4QM

1840. Re: Small transmitter and receiver combo

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep11.155521.2376@ke4zv.atl.ga.us>
Source record: 212576

In article <42tsk0$e90@blackice.winternet.com> treefrog@winternet.com (Christopher A Hartung) writes:
>Hi, I'm into launching model rockets, and need to come up with a very small
>transmitter, and a matching receiver, to be used in locating rockets. It
>doesn't have to be very powerful, say a 2500 ft range. The library wasn't too
>helpful, but if anybody has plans, I would greatly appreciate it, or if you
>could recommend another resource for plans, Thanks,

In a very old Popular Electronics magazine article (late 60s) there
was a project to build a 100 mW FM transmitter for rocket telemetry.
A kit was available. It transmitted under Part 15 in the FM broadcast
band. Range was plenty for Estes rocket kits. I built one, it worked.

So, it would seem that any little FM wireless broadcaster circuit
should work. The trick is in packaging it to fit the rocket tube.
A one chip transmitter, like the Motorola MC2833 used in cordless
phones, would seem ideal. Motorola has an Application Note on
building little FM transmitters with this chip. Ramsey also has a
little FM broadcaster kit, though the circuit board is shaped
wrong to fit in a rocket. Or you might try gutting a Mr. Microphone.
I suspect that circuit board would be just a fit.

I used several different sensors with my little transmitter.
I used a thermistor for temperature measurements, and a
phototransistor looking out one side of the rocket to give
me a spin count. Either could be hooked to the "mike" input
to vary the frequency of the transmitter according to the
conditions they were sensing. An ordinary FM radio was
used to receive the signal.

For use in RDFing a downed rocket, all you need is the carrier
signal, a handheld FM broadcast radio with an external antenna
input, and a directional antenna. A double ducky direction finder
would be nicer and they're simple to build, or kits are available
for about $25. (That uses two short antennas on a stick with a
switching circuit that switches one then the other antenna to
the receiver at an audio rate. You just turn the stick until
the audio note nulls in your receiver and the rocket will be
in the direction perpendicular to the stick.) Amateurs use
all sorts of RDF gear for "foxhunting". There's a regular
column in 73 Magazine, and there's a book out too. You might
check those out for ideas.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1841. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep11.161915.2508@ke4zv.atl.ga.us>
Source record: 212577

In article <430rgt$her@ixnews4.ix.netcom.com> ke6tgn@ix.netcom.com (John B. Lawrence) writes:
>
>The Kalifornia State Board of Equalization actually has the b..ls to
>ask mail-order retailers (who have no offices/stores in Kalifornia)in
>other states to collect the sales tax for them. The retailer, however,
>is not obligated, legally (yet anyway) or otherwise, to comply. I
>understand most other states have the same type of law as Kalifornia.

A bill is annually introduced in Congress to *force* mail order companies to collect the appropriate sales tax for the State of the purchaser. So far it hasn't passed, but its only a matter of time. A bill has passed that says if a company does business in a State, it has to collect sales tax for sales to people of that State, even if the sale is mail ordered from another of the company's storefronts in another State. (HRO, AES, etc fall under this law for States in which they have a point of presence.)

There's a big fight about this annually. States with mailorder companies want them to pay sales tax to the State where the seller resides while other States want the money to go to the State where the purchaser lives. One or the other will win some day, and the era of dodging sales tax will be over for those who routinely punch the 800 numbers.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1842. Re: Small transmitter and rec

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: eus.eusmge@memo.ericsson.se
Message-ID: <431q33$hbk@cnn.exu.ericsson.se>
Source record: 212578

For a great WWW page that combines model rocketry and amateur radio,
(and several other interests) try WWW.IRVING.ORG. Don Irving (N6DRB)
is a friend of mine and maintains a very impressive (award winning)
home page. Lots of related links too. --Mike KD6PKJ

1843. repeater controller search for info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: lelandh105@aol.com
Message-ID: <432234$cbl@newsbf02.news.aol.com>
Source record: 212579

Hello -

My club's repeater was recently hit by lightning, sending the ACC controller to ham radio heaven. We're going to replace it with a new one, I'm gathering info.

We're going to be looking for a top of the line/state of the art controller
for, one that would hopefully include speeddial autopatch, recorded voice for ID and tail messages, etc.

Any recommendations from your experience would be a great help to us in our research. It will help us in determining which ones are reliable and easy to use and are most flexible.

Thanks in advance for any info you can help me with. Please respond to: lelandh105@aol.com

73
Leland, WB0MLL

1844. Stock FT-8500 Hardware Q

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: Shawn Wolski <n5una@mail.utexas.edu>
Message-ID: <4322lr$bph@geraldo.cc.utexas.edu>
Source record: 212580

I was wondering...does anyone know what generally comes with
the FT-8500 (assuming no optional accessories are purchased
with it)? TNX et 73.

Shawn Wolski, N5UNA
n5una@mail.utexas.edu
http://wwwvms.utexas.edu/~n5una/index.html

1845. Packet & Other Digital Communication

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: YKBJ51A@prodigy.com
Message-ID: <4326ss$o14@usenetz1.news.prodigy.com>
Source record: 212581

Hello:

I enjoy monitoring radio transmissions from public safety agencies, air-traffic and ham radio. I have a question about monitoring digital comunication. I have seen packet demonstrated using a PC. I am curious. Is this interface card able to inturpet most or all data transmissions? If not, does such a card exist? The reason I ask is that I would also enjoy monitoring Computer Aided Dispatching of police units, taxi services, paging companies, and other entities that use digital comunication.

Please e-mail any helpful responses. Thanks!!
-
JEFF TEBBETTS YKBJ51A@prodigy.com

1846. Kenwood TL922A HF amplifier modification

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: Lance Lyman <lance@digital.net>
Message-ID: <4302vv$fjc@ddi2.digital.net>
Source record: 212582

Is there a mod to add WARC bands to the TL922A?

K8IXZ lance@digital.net

1847. Info Request: Index Labs QRP Plus transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: POTEET MC <l040350>
Message-ID: <432fqq$41m@cliffy.lfwc.lockheed.com>
Source record: 212583

I am not certain this is the proper forum for this request for information but ...

I am considering the purchase of an Index Labs QRP transceiver. I would appreciate any information on the characteristics of the "box" such as noise floor, dynamic range, intercept point(s), etc. If you have "hands-on"
experience any comments on the receiver response to strong in-band/out-of-band signals, contest conditions (i.e., lots of signals), general coverage performance, scaf filter performance, AGC characteristics, audio output (noisy?), ease of "control" adjustments, etc.

Also (whew!), how's the transmitter, both on cw and ssb?

Thanks

Mike W5FTD

1848. MFJ-422B Keyer & TS-440?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: bhowell@mail.utexas.edu
Message-ID: <43296p$h0g@geraldo.cc.utexas.edu>
Source record: 212584

I purchased used, an MFJ-422B keyer/paddle to use with my Kenwood ts-440s/at.
It doesn't work correctly when the "direct out" is connected to the 440s' key jack.
The "grid block out" jack doesn't work either *unless* I reverse the hot and ground leads.
Has anyone else experienced this? This same problem occured when this keyer was used with an Icom rig.

My question is: is it normal to have to reverse the keying lines, or is something wacky with the MFJ?

Thanks,
Bill Howell N5ALO
bhowell@mail.utexas.edu

1849. Re: Help Needed re: TS820S Display

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: bhowell@mail.utexas.edu
Message-ID: <4329rr$h0g@geraldo.cc.utexas.edu>
Source record: 212585

In article <431hbb$pi4@edisto.awod.com>, wb4ijn@awod.com (Steve Thomason) says:
>
>Has anyone had any trouble with a Kenwood TS820S digital diplay? Mine
>
****
I once had an intermittent (on-off) display and the cure was to put
a star-type lockwasher under the display mounting foot screw (better ground).

Bill N5ALO
bhowell@mail.utexas.edu

1850. 386/16mhz work to program FT51r?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <431ihg$7nm@newsbf02.news.aol.com>
Source record: 212586

I have an older 386/16 mhz w/ 4 meg ram and 40 HD. Running DOS 5.0 and Windows 3.1. Anyone know if this will work okay using the ADMS software to program the FT51r HT?
Thanks,
Mike KS4DA

1851. Re: WTB: Hickock AN/USM-118B CAL Module & Cardsets

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: "Edwin J. Bailen" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.950911181830.25326A-100000@matrix.eden.com>
Source record: 212587

Don't give up on reverse-engineering the module. With patience, a small dentist's pick, (and maybe a Dremel tool) it is possible to get the epoxy off.

Ed Bailen -- N5KZW
Information Systems should be tools, not excuses.

On 8 Sep 1995, Michael Hathaway wrote:

> I recently fried the CAL module on my Hickock tube tester, and since
> it's potted in epoxy it's impossible to reverse engineer. Does anyone
> have a schematic, a spare module, cardsets, or even a complete
> operational tester
>
> they'd like to sell? Any and all help will be greatly appreciated,
> and promptly rewarded.
>
> Mike Hathaway
>
> triode@ix.netcom.com
>
>

1852. 4Sale: 432 MHz 250w Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: evman@ix.netcom.com
Message-ID: <432h34$1u7@ixnews5.ix.netcom.com>
Source record: 212588

N3CX modified AM6154 FAA amplifier w/tube. Never put on the air, very clean. 7-10 watts of drive = 250 watts out. With the modification documentation. $300 shipped continental U.S. I need the amp, but I need the $'s more :).

-= Ev Tupis, WB2ELB =-
Home: 716/638-8269
Work: 716/621-1000 x2390
EMail:evman@ix.netcom.com

1853. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: randys@aeis13.cis
Message-ID: <432e5g$8kj@lsi.lsil.com>
Source record: 212589

>A bill is annually introduced in Congress to *force* mail order companies
>to collect the appropriate sales tax for the State of the purchaser. So
>far it hasn't passed, but its only a matter of time. A bill has passed
>that says if a company does business in a State, it has to collect sales
>tax for sales to people of that State, even if the sale is mail ordered
>from another of the company's storefronts in another State. (HRO, AES,
>etc fall under this law for States in which they have a point of presence.)
>
>Gary Coffman KE4ZV

Who pays the sales tax if an order is placed over the phone with a company
which is located in a foreign country and it is shipped back the the States ?

Randy KC6AND

1854. HT for 220 recommendation?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: Bill Meahan <wmeahan@ford.com>
Message-ID: <43257b$pka@eccdb1.pms.ford.com>
Source record: 212590

Our local RACES group (in formation) is going to be putting up a repeater shortly. This repeater will be on 220 MHz and, you guessed it, I have no equipment for 220, so I'd like to get an HT for the band. I really don't give a rip about having 50 gazillion memories or require something smaller than an Altoids box. I'd just like a reliable, inexpensive, fairly rugged HT for which batteries are (still) readily available.

Shoot, even an older 6-channel crystal-controlled job would do fine. What should I look for (new or used)?

tnx es 73 de wa8tzg
--
Bill Meahan wmeahan@mailhost.fsic.ford.com
Ford Motor Company -- End User Support - North America
Not an official statement of Ford Motor Company or anyone else except the author.

1855. R5 or Butternut HF-6VX or Hustler 5-BTV ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <432r1h$g1e@newsbf02.news.aol.com>
Source record: 212591

Whichc of these Verticals do you think is best ? I have heard mostly BAD
things about the GAP's ,so those are out of the running. Mostly
interested in using the vertical for it's low radiation angle for DX'ing(i
know a beam would be better).
Thanks !
Scott Powell
KD6GPV
General since 1995 !

1856. Re: Info sought on TH21-E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1995Sep11.111904.365@nad.com>
Source record: 212592

In article <810753460.7305@chrisss.demon.co.uk>, chris@chrisss.demon.co.uk (Chris Selwyn-Smith) writes:
> I have just picked up a trio TH21-E handheld without any documentation
>
>
> Does anyone Know this rig and if so could they let me know its output
> also if there is anyway to run it from a 12V supply and anything else
> that may be useful.

This sounds like the Euro version (tone-burst) of the Trio/Kenwood TH21A. 12V lighter adapters were available. Also the quick charger included a 12V adapter. They both have a "dummy battery pack" that slides onto the radio that delivers 7.2V to rig. Output power is 2W/Hi, .2W/Lo. A no-frills handheld with a nice tight front end.

>
> I intend to change its nasty phono style aerial socket at the first
> oppurtunity anything I should watch out for?

Why don't you just pick up a male-phono to BNC adapter? It will fit snugly and work fine. Sure beats digging around in a radio that you may not be able to get replacement parts for. Kenwood sold a screw on BNC adapter for this (I have one), but I don't think it's still available. Call 'em and ask.

>
> many thanks
> Chris Selwyn-Smith Landscape Services
> chris@chrisss.demon.co.uk
> G1RQZ Hampton Court
>

Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

1857. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <432ihj$3h9@newsbf02.news.aol.com>
Source record: 212593

In article <42v2pb$m9l@ixnews4.ix.netcom.com>, jdb99@ix.netcom.com (jdb) writes:

>" WE DO NOT SELL AMATEUR RADIO EQUIPMENT CAPABLE OF >TRANSMITTINGTO ANYONE WHO DOES NOT HAVE AN AMATEUR RADIO >LICENSE."

Legitimate question: I currently work for a company that has the need for rf sources to drive various goodies we make. Has nothing to with radios. Nothing. Say for example, a ham tranceiver, hf, vhf, what ever turns out to be a good, cheap rf source or driver. It's off the shelf, we can buy it, turn it on and use it. If it blow up, toss it. It's cheap. The other option is a signal generator (expensive) or oscillator, followed by a wide band, high gain distributed amplifier (even more expensive) of the Kalmus, ENI, or Amplifier Reseach variety. Would we be refused? I guess so under that policy. Granted, it doesn't happen often, but it happens. A lost sale is a lost sale. I remember one place I worked at MANY years ago had Drake 2NT's with 27.120 crystals (is that it, the ISM freq) scattered all over the joint used as cheap rf sources. Hardly illegal. Being a ham it made me cringe a bit, wish I had one. But not illegal.

Pat - KE1C

1858. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <432ihk$3hi@newsbf02.news.aol.com>
Source record: 212594

In article <42vpe4$1oh6@usenetw1.news.prodigy.com>, VUBS79A@prodigy.com (Drew Durigan) writes:

>on a bull..."
>
>(ROTFLMAO!!)
>
>That's good, that's VERY good!
>
>

Well I try to be expressive without being obscene. Communicting the point is important to me. Another variant of this would be to replace 'bull' with 'boar hog'. Works just as good. I have others, but not in a public forum such as this. I WILL end up insulting somebody which I don't care to do, for now.. Lets stay with the radio subject, and not veer to far off course here. I can do that very easily.

Bottom line, I guess for the bucks, the HTX 202 is a fairly decent radio.

Cheers.

Pat, KE1C

1859. Re: Cubical Quad Antennas

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <432r1q$g1k@newsbf02.news.aol.com>
Source record: 212595

Not if it pertains to the subject of the group & is not TOO big.

1860. RF output on TS-440S?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: tigger@jcomm.uoregon.edu
Message-ID: <430kao$off@maureen.teleport.com>
Source record: 212596

I am kind of embarassed to ask this question, but I own a TS-440S and I have never figured out how to turn down the RF output going to the antenna. There is an AF knob, which is the volume, and then there is an RF knob, which seems to only attenuate the RF coming into the set on recieve. Is it possible to turn down the RF output to do something in the range of QRP, or is it always at 100watts output?

Any help will be appreciated.

Max
N7NWG

1861. Re: Need Advice: Best PC for HF digital?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <4302f4$2qe@bighorn.accessnv.com>
Source record: 212597

The Best PC would be one that meets FCC Class B Type Acceptance requirements. This would include the Monitor and printer as well. Try to find a low radiation monitor within the budget restraints.
It will also help to have the computing equipment on a different 120vac circuit if possible. Using RFI/EMI surge protected and filtered duplex or multiple outlet boxes is benefitial. More important is the removal of the TX/RX antenna from the immediate area of computer. Stay away from long wires with tuner located in the shack. Balanced feed antennas are less susceptable to local computer RFI.

73 Bob,

KG7D

1862. Re: Selling to Unlicensed (was: False Advertising)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: GCLL54A@prodigy.com
Message-ID: <430j9e$29v6@usenetp1.news.prodigy.com>
Source record: 212598

You are absolutely correct. Just wait until one of the guys
hollering
about unlicensed sales orders a radio from a dealer who requires proof
of
license. They will be highly insulted, then just call the next 800
number.
I hope they dont expect any of their relatives that are not licensed
to buy
them that WHIZBANG 1000SDX/DSP for Christmas. Why that would be
immoral, wouldn`t it?

1863. radio control software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: steve.hajducek@bytewise.org
Message-ID: <127.3715.27@bytewise.org>
Source record: 212599

Subject: CAT Control Center (CATCC) Press Release.
Date : 1995 - Mon. Sept. 11 10:25 Local/ Mon. Sept. 11 13:25 Zulu
From : Steve Hajducek, N2CKH

The Shareware/Trial version of CATCC, CATCCjr, is about to make its debut. On September 28, 1995 CATCCjr will be placed on the ByteWise BBS for downloading as CATCCjr1.ZIP through CATCCjr4.ZIP respectfully. It will also be uploaded to the ARRL BBS and other popular Amateur Radio BBS systems and FTP sites. After the files have successfully been transfered to all sites, a message listing all sites will be sent via e-mail.

The CATCCjr version is basically a stripped down beta version of the full commercial version. It is being made available to allow potential users of CATCC a method to sample some of the latest features and comment on the software prior to purchase.

CATCCjr is NOT a supported product, it is not a complete product, it is only a trial version. However, should it meet the users needs, it can be used forever without any registration. However, CATCCjr will remain the copyrighted property of N2CKH.

```
=====================================================================
| |
| Pricing for CATCC has been set at $49.95 U.S. (plus $10 U.S. |
| for the bound user's manual) plus 6% N.J. state sales tax (and |
| $7 U.S. shipping and handling within the U.S. and $15 all other |
| locations). All shipping within the U.S. will be by U.S. Priority |
| Mail. A tenative shipping date has been set for the first week of |
| November, 1995. Orders will be shipped in the order received, |
| payment in U.S. funds by U.S. bank check or U.S. Post Office |
| money orders. Cash will be accepted, however, cash orders are NOT |
| recommended, especially from overseas. |
| |
=====================================================================
```

CATCC is the application Amateur Radio has been waiting for. It provides FULL control as provided by the equipment manufacturer of your C.A.T. radio via the computer. With a headset/boom microphone and foot switch an operator can literally keep their hands on the keyboard/pointing device and work'em/log'em faster than ever. With the DX-Graph(tm), DX-Filters(tm), Band-Watch(tm), Accu-Rotor(tm), AutoMode(tm), AutoGrab(tm), DX-Calendar and DX-Sleuth(tm) your always on top of the action and you'll have the latest in logging, analysis and reporting.

MS-Windows based, written in Visual Basic, C and Visual dbase, the CAT Control Center is fully event driven. It supports eight serial ports for HF and VHF rigs, Packet TNC (DX-Cluster monitoring), 2nd TNC for RTTY, Pactor etc., MM-3 electronic keyer, Rotor control and other peripherals. Also supported are parallel printer ports (3) for voice keyers, antenna switch boxes and others.

Basic operation of CATCC/CATCCjr involves an H.F. C.A.T. transceiver and VHF Packet TNC monitor DX spots. As spots are recieved, they are displayed and made available for selection by the user. Audible spot announcements and various DX-Alerting sound effects are available, when the user via pointing device or keyboard selects a spot, the C.A.T. transceiver is place on the spots frequency (and optionally mode), the spots call is placed in the log window and depending on mode and option selected a 59 or 599 is placed in RST s/r log windows as well. When worked, the user clicks on log, and all information, including the actual information from the H.F. rig (VHF also depending on make and model of radio) is logged.

This description sounds simple, and it is. It sounds like the basic computer/tnc/radio scenario, and it is. But, CATCC has so much more going for it that to try and write any more here does not do the software justice. It must be seen and used to fully appreciate the CATCC user interface and software features. The CATCC_PR.ZIP file which is available for downloading from the Bytewise BBS and the ARRL BBS has additional information and .BMP files of captured actual screen displays that provide more of a feel for the actual software in operation.

Currently supported are Yaesu radios, with Kenwood support being integrated. Sample Kenwood control programs have been written as of this date, but not fully integrated into CATCC. Planned is support of ICOM, Ten-Tec, JRC and SGC radios as well.

The Shareware/Trial version of CATCC, the CATCCjr version, will have many of the features of the full commercial version, it is basically a stripped down beta version of the latest commercial version. The missing features will include full logging and award tracking, only a CT compatiable .RES files will be created. Also missing will be the full DX-Graph(tm) component, and DX-Sleuth(tm) and other features that will only be available in the registered version.

The registered version, CATCC, brings with it full logging and award tracking capability supporting DXCC, WAS, WAZ, IOTA, VUCC with excellent analysis, reporting and label printing capabilities, as well as the full DX-Graph(tm) and DX-Sleuth(tm) real-time analysis tools. Registration obviously entitles the registrant to product support via the Bytewise BBS and Internet e-mail. Also one FREE upgrade (postage and handling required), resonably priced upgrades in the future, the CATCC user Newsletter and full access to the Bytewise BBS.

It is planned to add new features, such as new hardware support regularly, and to improve and refine CATCC, with upgrades about every six months or so.

For additional information on CATCC call the Bytewise BBS at 1-908-363-2760 and download CATCC_PR.ZIP which has a demo of the Accu-Rotor(tm) program module and other example programs or send e-mail to info@bytewise.org

/s/ Steve Hajducek, N2CKH

Accu-Rotor, AutoGrab, AutoMode, Band-Watch, ByteWise, CATCC, CATCCjr, DX-Calendar, DX-Graph, DX-Alert Filters, DX-Sleuth are trademarks of N2CKH.

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SYSOP: Steve Hajducek, N2CKH

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==========

1864. WTB: Mac Key

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: Cal Eustaquio <ceustaqu@ohm.elee.calpoly.edu>
Message-ID: <Pine.ULT.3.91.950911225035.1781F-100000@ohm.elee.calpoly.edu>
Source record: 212600

Looking for an S-600, P-500, or CP-500 Mac-Key for my 1940's station I'm setting up. The key must be in good condition. Thanks. Cal, N6KYR.

1865. TM733 repeater mode?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-11 00:00:00 UTC
From: rick.lapp@asb.com
Message-ID: <9509112000.0S4B70B@asb.com>
Source record: 212601

Anyone know how to setup the 733 to work as a crossband repeater?

---
* WR 1.31 [NR] * UNREGISTERED EVALUATION COPY

1866. Standard C508A mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: "Ramon Santoyo V." <ramsan@mail.internet.com.mx>
Message-ID: <432m9j$n4v@news.internet.com.mx>
Source record: 212452

I am looking for a modification to unblock the cellular band on
the C508A dualband band hand held.

Please let me know if you have one.

73 de XE1KK

1867. Yaesu FT530 or FT51-R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: slowalkjr@aol.com
Message-ID: <435362$rmi@newsbf02.news.aol.com>
Source record: 212453

I'm ready to purchase my first HT. I can't decide bewteen Yaesu's 530 or
51R. I've heard the 51R gets real hot after 15 or 20 minutes of operation.
Can anyone shed some light on this to help me decide?
Thanks KF4AQO - SowalkJR

1868. Re: Any Comments on Radio Shack Digital SWR/Power Meter?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: "Tom C. Brown, Jr." <tbrown@teclink.net>
Message-ID: <4350tm$gr0@felix.TECLink.net>
Source record: 212454

Hi Doug-

I think it's an excellent product!

I bought the first one that the local Radio Shack received, and I am really pleased with it. It is a real improvement in
measuring true PEP during SSB, compared to the peak detectors that are included with most antenna tuners and that sort of thing.
I like the autoranging, and the ability to manually select the range, to allow the unit to settle quicker by not having to
always autorange.... and I like the fact that you chose to use a separate sensor unit, so the sensor can be right where you
need it to be without making the indicator inconvenient.

My main suggestion for improvement (and I know we are not talking about a $500 instrument here <g>) would be a variable time
constant on the "hold" function of the peak mode. It would allow you to set if for, say 5 or 10 seconds, and be able to see
what the power level of "frequently occurring peaks" is, like the old definition we used to use in watching for overmods in
broadcasting, and then you could also shorten it up as it is now in order to see what's going on over a shorter time span. Not
a major factor, but a consideration.....

A "signal pickoff" would be nice as well, to see just exactly what the meter is seeing on an oscilloscope, as well. Both at RF
and the detected output as well. Now once again, I know that we are adding up in cost here pretty fast, but those are just
some suggestions for the Deluxe Model, when it comes out! <g>

But, I really like the meter, and turn it one every time I crank up the HF station, which is just about every night.

Say.....since you ARE one of the designers.....hmm....can you suggest an easy mod to increase the "hold" time???

Thank you and Radio Shack for being interested, Doug! Seems that so many products are designed, built, and sold by a
collaboration of the Marketing and Accounting departments these days! <g> So many times I think "...did anybody ever REALLY
try this thing out before they put `m on sale???" <g>

73

Tom KJ5IE
Jackson, Miss.

1869. WTB: YG455C-1 CW filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: jimp911@aol.com
Message-ID: <435gb0$583@newsbf02.news.aol.com>
Source record: 212455

Need a YG455C-1 CW filter for my TS940S.

Please e-mail or call (203) 535-3827.

Thanks & 73,

Jim KC1SJ

1870. FS: 900 MHz FM rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: gziolkowsk@aol.com
Message-ID: <435gbm$589@newsbf02.news.aol.com>
Source record: 212456

Tom N9EAW has two 900 MHz FM rigs for sale. They are both "Japanese CB" models that we believe are EPROM programmed from a PC. No software included. One is a Yaesu, the other is a National. Both appear to be working. $150 for the pair.

I don't have any more details on these radios right now. Drop me an E-Mail and I'll get model nos. and any other info I can for you.

Glenn N9EAU

1871. Need Advice: Best PC for

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.5499.7583.0NFBB121@woodybbs.com>
Source record: 212457

Subject: Need Advice: Best PC for HF digital?

>>I want to buy a PC...486's seem pretty reasonable now...

PLEASE spend an additional $100. and get a Pentium. The 486 will very
soon be antiquated, unfortunately.

Clint Bradford
---
* TLX v4.00 *
 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

1872. Mod for Azden AZ-61?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: Chris@sublime.com
Message-ID: <Chris-1209952102190001@slip1007.sirius.com>
Source record: 212458

Does anyone have the correct wide band mod for the Azden AZ-61 6M HT?
An Azden serice guy told me to bridge the first to solder pads, but that
did not work.
thanks
-chris

1873. 220/440 radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: lomker@minn.net
Message-ID: <4353sj$623@News.Minn.Net>
Source record: 212459

Does anyone know of a 220/440 dual band radio? I don't care if it is mobile or handheld.

I may be stuck buying a Kenwood 742a, but I'd rather not spend that much money.

1874. GPS Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: rick.curtis@lightspeed.com
Message-ID: <8B0F3C7.09240008C0.uuout@lightspeed.com>
Source record: 212460

SR> I am considering purchasing a GPS receiver in the immediate future
SR> and would like comments on the various models currently on the
SR> market. Personal experience and/or rumors greatly appreciated.
SR> I've been looking at the Sony IPS760 because of the immediate
SR> bells&whistles reaction.

HIGHLY recommend the Eagle Accunav Sport. It works on the folage covered
trails my 4x4 club goes on when the Garman's and Megellan's won't.

* RM 1.3 00139 * ... Shareware? Reminds me of a girl I knew in High School.

1875. Re: Moonbounce Audio and FFT Image Recordings

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: mwcook@cris.com
Message-ID: <432t8r$1p9@warp.cris.com>
Source record: 212504
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna,uk.radio.amateur

In article <810801978snz@microvst.demon.co.uk>, tgold@microvst.demon.co.uk says...

>> Is this an ad for a commerical enterprise?
>
>I think you've sussed it out. Thus far he has not been able to give away
>his money and this means he is $40 ahead of budget and thus his enterprise
>is a winner. Maybe I'll offer $100, take my company public on the success
>of not paying it, and then make him a tender offer in stock :-)
>

Tony,

What a wonderful post. It is most amazing that your "policeman"
skills allow you to judge the intent of my post without ever viewing
my web page.

My primary objective is to advance the art of signal processing
applied to weak signal processing. One way to motivate is to pit man
against machine. The human mind is currently able to extract
information from a weak Morse code signal better than the best
signal processing algorithms. I believe the weak signal challenge is
standing proof. I've enjoyed reading about the creative techniques
applied in an attempt to extract the call from the noise. Several
universities have taken the challenge as a class project.

My secondary objective is to introduce more hams to EME
operation. The new EME audio recordings on my web page are
intended to show the quality of signals received from medium and
small stations.

I have received hundreds of Email/Guestbook responses about
my "EME & Weak Signal Page". Yours is the first negative response.
I researched your 100+ posts in the various newsgroups during
the past 6 months to see if you had provided some measure of
technical or social contribution. I found just one bit of insight in
all those posts:

"I do agree that people should never use an inappropriate level of insult."

So in response, I'll leave you with your own reflective quote
about yourself:

"I regret to confess that I remain an unrecified fool."

Cheers de Mike, AF9Y

1876. Re: Need advice for good apartment HF antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: Len Gibbs <lengibbs>
Message-ID: <4331ej$hqm@goodnews.wv.tek.com>
Source record: 212505

mparkes@aol.com (Mparkes) wrote:
>HELP! I am about to move into a 2nd floor apartment (with a balcony) and
>am trying to decide what to do for an HF antenna. Thought about setting up
>one of the "ISO-loops" (or the MFJ version) on the balcony, but they won't
>go to 40 meters, which I want. Has anyone tried using a mobile HF antenna
>(like the outbacker) sitting on a balcony? I thought about trying to
>install a dipole in the attic, but I'd rather not go that route unless I
>have to. Any advice/comments are greatly appreciated.
I have had some great success with a mobile Hustler setup. I have the resonators for 80, 40, 20,15, and 10 meters all going to the same custom built bushing that makes the whole antenna system look like a tetrahedron (kinda' like a pyramid shape).

I mounted the whole thing on a 60 inch Hustler mast to a ball that is connected to a large (3' x 3') square steel ground plane. I have this contraption on my balcony of my second floor apartment and so far I have had some good results. I have an MFJ tuner to work out the SWR and I tune up 40M 1:1 no problem. I have a 12 ga. solid core copper wire going down the inside of the gutter drain and pounded a grounding rod into the dirt below. The ground seems to work pretty well...MAKE SURE THERE IS NO GAS LINE, ETC UNDER THE PROPOSED GROUND ROD SITE!!!????!! :-)

I hope this is some help...Good Luck

Len Gibbs
KE6BGT

1877. How is Yaesu FT-900AT performance ? Worth swapping Kwd.940AT ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: "J.Swenson" <jswenson@jswenson.hqsl.stratus.com>
Message-ID: <4330n1$f5e@transfer.stratus.com>
Source record: 212506

I am thinking of selling or swapping my Kwd.940SAT for a Yaesu 900AT so that we can use it mobile and portable while camping. Maybe an additional Icom 735 would fit the bill but the Yaesu looks like it can do it all. Anybody that has any comments or experience with the Yaesu 900AT that they would like to pass along would be appreciated. Thanks ! 73

1878. Re: Yaesu FT-530 replacement antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: Len Gibbs <lengibbs>
Message-ID: <4331pn$hqm@goodnews.wv.tek.com>
Source record: 212507

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>In article <41vn9k$lop@news-1.boco.co.gov> jwdxt@boco.co.gov (Jim Deeming) writes:
>>I need to replace the antenna on my FT-530. Does anyone know of a
>>third-party rubber duck that meets or exceeds the performance of the
>>Yaesu original? I was always pretty impressed with the factory duck,
>>but there's no time like the present for an upgrade, right?
>

Diamond makes a great dual-bander that friends of mine have used with
great success. They have bought it to replace the factory duck because
they were not happy with its performance.

I cannot remember the exact number of the antenna, but I know that the
antenna was hard to get when I lived in Sacramento; they could never keep
them in stock

73
Len Gibbs
KE6BGT

1879. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: jdb99@ix.netcom.com
Message-ID: <432lgc$hrr@ixnews7.ix.netcom.com>
Source record: 212508

In <DEpqGI.GBI@world.std.com> jjmartin@world.std.com (Jim Martin)
writes:
>
>jdb99@ix.netcom.com (jdb) sed:
>
>:>" WE DO NOT SELL AMATEUR RADIO EQUIPMENT CAPABLE OF TRANSMITTING
>:> TO ANYONE WHO DOES NOT HAVE AN AMATEUR RADIO LICENSE."
>
>You probably had a water fountain with a sign over it that said,
>"WHITES ONLY" too.

Not hardly, since that is a social issue and has nothing
to do with the "PRIVILEDGE" you are granted to operate
a transmitter in the Amateur Radio Service once you obtain
a license from passing the required test elements.
I find it typical of those whose moral values are questionable
to always revert to the use of social issues as a comparison
when they have nothing to do with the question at hand.

>Twenty years ago you may have gotten by with your sign but I doubt
>today that it would stay up long.

Wrong again. Since my partner died less than a year ago.
Until I decided that I did not want to stay in the business
without him our operation was very profitable. Our posted policy
was supported by 99% of all the hams in our community as well
as those who visted and purchased via mail order from us.

>:> As was your right to do so. If they cause you grief with
>:>interference please don't bother the FCC.
>
>Here's where you lost me jdb. Why would I bother with the FCC in the
>first place?

Simple. Those who cannot or will not make a stand for what is
right are the first to seek help from "officals" when they
feel their "RIGHTS" are being violated.
The bottom line here is simple. Those who sell to unlicensed
individuals could care less about the possible result of their
decision to place a "PROFIT" before the "PRIVILEDGE" earned
by those who have worked hard to obtain it.
You could care less if one more signal is added to the noise level,
even if it is from an unlicensd individual you sold a rig to.

1880. Re: Help Needed re: TS820S Display

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <432ivp$1rf@solaris.cc.vt.edu>
Source record: 212509

In article <431hbb$pi4@edisto.awod.com>,
wb4ijn@awod.com (Steve Thomason) wrote:
>Has anyone had any trouble with a Kenwood TS820S digital diplay? Mine
>is a little flaky at times, and reads 2KC high on 40 meters, and a
>couple of MC off on 20, 15, and 10.
>
This is a classic problem. You need to take apart the shielded box that holds the frequency counter logic and resolder all the top-layer wires on the PCBs well. They used dual-layer PCBs without plated through holes, counting on conduction through IC and component pins. Don't even bother looking for the particular bad connections; resolder everything. If you miss one it will go bad later and you'll have to do it again. After resoldering from the top, look at the bottom (non-component side) solder and make sure none of the connections there have gone 'cold' from the initial factory job or heating at the top. Then reassemble the radio, making sure all the ground screws are in solidly, and you should get at least consistent, though still possibly 2 KHz off results. This error could be coming from the reference crystal oscillator (also inside the logic box, I believe) being mistuned as well as a bad connection or logic problem.

-Mike KD4QDM

1881. Re: Moonbounce Audio and FFT Image Recordings

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: ecurrie@ix.netcom.com
Message-ID: <4330it$cme@ixnews4.ix.netcom.com>
Source record: 212510
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna,uk.radio.amateur

In <432t8r$1p9@warp.cris.com> mwcook@cris.com (Mike Cook) writes:
>
>In article <810801978snz@microvst.demon.co.uk>,
tgold@microvst.demon.co.uk says...
>
>>> Is this an ad for a commerical enterprise?
>>
>>I think you've sussed it out. Thus far he has not been able to give
away his money and this means he is $40 ahead of budget and thus his
enterprise is a winner. Maybe I'll offer $100, take my company public
on the success of not paying it, and then make him a tender offer in
stock :-)
>>
>
>Tony,
>
> What a wonderful post. It is most amazing that your "policeman"
>skills allow you to judge the intent of my post without ever viewing
>my web page.
>
> My primary objective is to advance the art of signal processing
>applied to weak signal processing. One way to motivate is to pit man
>against machine. The human mind is currently able to extract
>information from a weak Morse code signal better than the best
>signal processing algorithms. I believe the weak signal challenge is
>standing proof. I've enjoyed reading about the creative techniques
>applied in an attempt to extract the call from the noise. Several
>universities have taken the challenge as a class project.
>
> My secondary objective is to introduce more hams to EME
>operation. The new EME audio recordings on my web page are
>intended to show the quality of signals received from medium and
>small stations.
>
> I have received hundreds of Email/Guestbook responses about
>my "EME & Weak Signal Page". Yours is the first negative response.
>I researched your 100+ posts in the various newsgroups during
>the past 6 months to see if you had provided some measure of
>technical or social contribution. I found just one bit of insight in
>all those posts:
>
>"I do agree that people should never use an inappropriate level of
insult."

>
>So in response, I'll leave you with your own reflective quote
>about yourself:
>
>"I regret to confess that I remain an unrecified fool."
>
>Cheers de Mike, AF9Y
>

The question raised was related to commerical activity and not objectives ... A cursory examination of the homepage in question does in fact affirm that you are engaged in a commerical acitivity and therefore the $40.00 offer amounts to little more than advertising.

"Ad hominems most often arise immediately following the need to obfuscate ...". Marvin Gardens (1938)

Cheers

Eddie

PS: Actually my associates and I look forward to Mr. Gold's frequent and substantive contributions. They are a welcome relief from the chaff thrown up by those with hidden agendas ...

1882. Re: Moonbounce Audio and FFT Image Recordings

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <810887581snz@microvst.demon.co.uk>
Source record: 212511
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna,uk.radio.amateur

In article <432t8r$1p9@warp.cris.com> mwcook@cris.com "Mike Cook" writes:

> In article <810801978snz@microvst.demon.co.uk>, tgold@microvst.demon.co.uk
> says...
>
> >> Is this an ad for a commerical enterprise?
> > >
> > >I think you've sussed it out. Thus far he has not been able to give away
> > >his money and this means he is $40 ahead of budget and thus his enterprise
> > >is a winner. Maybe I'll offer $100, take my company public on the success
> > >of not paying it, and then make him a tender offer in stock :-)
> > >
>
> Tony,
>
> What a wonderful post. It is most amazing that your "policeman"
> skills allow you to judge the intent of my post without ever viewing
> my web page.

If an obviously joking remark appear to you to be *police* action, then
perhaps you should check to see whether your headphones have been adjusted
a little too tight. <g>

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

1883. Re: Moonbounce Audio and FFT Image Recordings

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: Mike Gathergood <Mike@g4kfk.demon.co.uk>
Message-ID: <810903114snz@g4kfk.demon.co.uk>
Source record: 212512
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna,uk.radio.amateur

In article <432t8r$1p9@warp.cris.com> mwcook@cris.com "Mike Cook" writes:

> What a wonderful post. It is most amazing that your "policeman"
> skills allow you to judge the intent of my post without ever viewing
> my web page.

I think you might be suffering from a severe irony deficiency.

73
Mike * QRV around 0800 and 1800 most weekdays on GB3HL *
G4KFK * (Hillingdon 433.075/434.675) and also 51.83 MHz *

1884. Re: Moonbounce Audio and FFT Image Recordings

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: ssampson@icon.net
Message-ID: <ssampson.33.000EB22F@icon.net>
Source record: 212513
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna,uk.radio.amateur

In article <430i9g$qae@ixnews2.ix.netcom.com> ecurrie@ix.netcom.com (Edward H. Currie) writes:
>In <42vk9b$20m@warp.cris.com> mwcook@cris.com (Mike Cook) writes:
>>
>>I have added some EME audio recordings (WAV files) of
>>typical moonbounce QSOs to my web page:
>>
>> http://www.webcom.com/~af9y
>>
>>Also included are GIF images of what the signals looked
>>like with the FFTDSP program.
>>
>>BTW: Still no winner of the weak signal challenge. The
>> prize is $40. All info is on the web page.
>>
>>de Mike, AF9Y
>>

>Is this an ad for a commerical enterprise?

So what if it is?

1885. Re: Moonbounce Audio and FFT Image Recordings

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: ecurrie@ix.netcom.com
Message-ID: <434tdn$mfm@ixnews6.ix.netcom.com>
Source record: 212514
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna,uk.radio.amateur

In <ssampson.33.000EB22F@icon.net> ssampson@icon.net (Steve Sampson)
writes:
>
>In article <430i9g$qae@ixnews2.ix.netcom.com> ecurrie@ix.netcom.com
(Edward H. Currie) writes:
>>In <42vk9b$20m@warp.cris.com> mwcook@cris.com (Mike Cook) writes:
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>>>I have added some EME audio recordings (WAV files) of
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>>>like with the FFTDSP program.
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>>>BTW: Still no winner of the weak signal challenge. The
>>> prize is $40. All info is on the web page.
>>>
>>>de Mike, AF9Y
>>>
>
>>Is this an ad for a commerical enterprise?
>
>So what if it is?
>

It has been previously established that it is ...

1886. European AM/BC Radio Stations in Nfld.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: ai557@ccn.cs.dal.ca
Message-ID: <DEtE1p.Bu9@cs.dal.ca>
Source record: 212515
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

The postings about European Radio in USA reminded me...

I was visiting "me brudder" in Newfoundland a few years ago
(well, about ten years ago... sigh!) and we happened to be
sitting in his old Ford Tempo in St. Johns (near Signal Hill
actually). We flicked on the AM radio and *easily* (on that
day) picked up AM/BC stations from Norway all the way down
the coast of Europe to Morroco. The 9kHz spacing was easy
to notice but (with the cheap Ford radio) not a big issue.

-Jeffy VE1BLL

PS: Me Brudder: VO1JDH

1887. Re: Moonbounce Audio and FFT Image Recordings

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: alf@kaiwan.com
Message-ID: <r6ULmCIg10mG068yn@kaiwan.com>
Source record: 212516
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.antenna,uk.radio.amateur

In article <810887581snz@microvst.demon.co.uk>,
"Anthony R. Gold" <tgold@microvst.demon.co.uk> wrote:
> In article <432t8r$1p9@warp.cris.com> mwcook@cris.com "Mike Cook" writes:
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> > >I think you've sussed it out. Thus far he has not been able to give away
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> > Tony,
> >
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> > skills allow you to judge the intent of my post without ever viewing
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>
> If an obviously joking remark appear to you to be *police* action, then
> perhaps you should check to see whether your headphones have been adjusted
> a little too tight. <g>
>
> Regards,
> --
> Tony - G3SKR / AA2PM email: tgold@panix.com
> tgold@microvst.demon.co.uk
> packet: g3skr@n0ary.#nocal.ca.usa.na

Dear Mike,

Don't get upset. It *is* a joke. I broke in laughter the minute I read
it. I consider it a very good joke. It has a serious sounding tone with
a totally hilarious message. Come on, does your business have a budget
to *give away* money? Still in doubt? Check his address. Brits have
a way of telling off beat (to American) jokes.

Cheer, 73

Alfred Lee alf@kaiwan.com
KE6KGV 'The answer is (e^i&#65533; + 1) ? "No" : "Yes"'

1888. NICAD voltage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: orbelld@pcbe.edu.on.ca
Message-ID: <orbelld-1209951027330001@204.41.1.203>
Source record: 212517

I recently purchased a used FT-350, everything works fine. But being used for about a year the Nicad battery(FNB25) is not charging all the way up to 7.2 volts. First charge only went up to 6.5 volts. If I do a few cycles of complete charge/discharges will the voltage capacity slowly increase back to 7.2 volts? Or is there no hope for reviving this Nicad that's probably been sitting around for a while?

I've also heard of some technique used on so called dead NICAD's to give them a jump start for a bit more life.....anybody know what that technique may be?

Does anyone know if some Dealers have an exchange program with dead NICAD batteries.....or possibly sell "refurbished" NICAD's?

thanks for your responses,

Dave

VE3RRN

1889. Re: HT for 220 recommendation?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: tcmayo@eng106
Message-ID: <434317$jv3@morgan.vf.mmc.com>
Source record: 212518

Bill Meahan (wmeahan@ford.com) wrote:
: Our local RACES group (in formation) is going to be putting up a repeater
: shortly. This repeater will be on 220 MHz and, you guessed it, I have no
: equipment for 220, so I'd like to get an HT for the band. I really don't
: give a rip about having 50 gazillion memories or require something
: smaller than an Altoids box. I'd just like a reliable, inexpensive,
: fairly rugged HT for which batteries are (still) readily available.

Bill-

Why not get an Icom 2AT. It's rugged, reliable, and the batteries are
very common (compatible with the Radio Shack HTX-202). Two things to
consider are (1) does the repeater require a PL tone? (if so, maybe the
IC-2AT will not work for you), (2) what HTs do you currently have (you
might want to get something that uses the same batteries so you can use
them for multiple radios.

Good luck.

-Tom

--

____
/___ ______/\ Tom Mayo N1RMU
__/ /_____\/
/ /_/_______ e-mail: tcmayo@mntr02.psf.ge.com
/ __ __ /\ home: mayo@adams.berk.net
/ /\/ /\/ / / packet: N1RMU @ WA2UMX.#ENY.NY.US.NA
/__/ /__/ /__/ / For my PGP public key, e-mail me at work
__\/__\/__\/ with subject send_pgp_key.

1890. Re: NICAD voltage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: bhowell@mail.utexas.edu
Message-ID: <434a6i$7i@geraldo.cc.utexas.edu>
Source record: 212519

In article <orbelld-1209951027330001@204.41.1.203>, orbelld@pcbe.edu.on.ca (David Orbell) says:

>>>>>>>>>much deleted>>>>>>>>>>>>>
>
technique used on so called dead NICAD's to give
>them a jump start for a bit more life...

I recently "zapped" some life back into some AA nicads which read 0.0 volts on a meter. I removed the case, to get to the individual cells, then connected the cells *one at a time* to my
12 volt battery charger **for one-half second** on each cell. they seem to be working ok now
(back to 1.2 volts).
The charger I used was pretty stout and put about 20 amps into the cell.
The cells got slightly warm from this abuse, and I suppose there is the possibility of a cell exploding if you overdo this technique.
be careful

Bill
N5ALO

1891. Re: Help Needed re: TS820S Display

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: jeff.sumberg@sailboard.com
Message-ID: <8B0F2CE.012D001D02.uuout@sailboard.com>
Source record: 212520

MK>From: mkeitz@bev.net (Mike Keitz)
>Message-ID: <432ivp$1rf@solaris.cc.vt.edu>

MK>This is a classic problem. You need to take apart the shielded box that
>holds the frequency counter logic and resolder all the top-layer wires on
>the PCBs well. They used dual-layer PCBs without plated through holes

There is even a service memo to this effect! It even gives the "bench
time" required to resolder everything. In fact there are several
service memos about this display that deal with it's poor connectors
and solder work.

My TS-820 display works fine on all bands except 10 meters. When on 10m
it jumps around by 2 to 4kc, and on occasion will stabilize and sit
still! I never bothered to try to diagnose it since it isn't that
serious (and I don't use 10m much these days). On all other bands it's
rock solid and right on freq.

Back in June, just before field day, the display went nuts. It was
displaying random segments, numbers, blank digits, etc. As you turned
the VFO it would change. I just opened the top cover and tapped the
shielded box with the screwdriver handle. It (the problem) went away,
and didn't come back (yet).

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

1892. Re: Specs on LDF-50A 1/2" Coax or Andrews ph

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: Leonardo_Escalante@Brown.edu
Message-ID: <Leonardo_Escalante-1209951339270001@128.148.177.169>
Source record: 212521

In article <41qer3$hah@buffnet2.buffnet.net>, daveb@buffnet.net (dave) wrote:

> Can anyone provide the performance specs for Andrews LDF-50A 1/2" coax ?
>
> Or a phone #
>
> Thanks
>
> --- daveb ---

Andrews Type LDF4-50A 1/2" Faom Dielectric 50-ohm

NOMINAL SIZE 1/2"
IMPEDENCE, OHMS 50

STD CABLE, STD JACKET LDF4-50A
STD CABLE, FIRE RETARD. LDF4RN-50A (NON-
HALOGENATED JACKET)

SPEC. TESTED AND SELECTED
CABLE, LOW VSWR CABLE LDF4P-50A

824-960 Mhz., 1.12 MAX. VSWR LDF4P-50A-1
880-960 Mhz., 1.10 MAX. VSWR LDF4P-50A-2

QUALIFIED TO MIL-C-28830/3 202071-1

Max. Freq. Ghz. 8.8
Velocity, percent 88
Peak Power Rated, KW 19

DC resistance, ohm/1000 ft. (1000 m)
Inner
0.45 (1.48)
Outter
0.58 (1.90)
DC break down, volts 4,000.0
Jacket Sparks, volts RMS 8,000.0
Capacitance, pF/ft. (m) 23.1 (75.8)
Inductance, uH/ft. (m) 0.058 (0.190)

Outer conductor copper
Inner conductor copper
clad aluminum
Dia. over jacket, in (mm) 0.63 (16)
Dia. over copper outer condutor, in (mm) 0.55 (14)
Nominal inside transverse dimension, (cm) 1.11

Minimum bend radius, in (mm) 5 (125)
Number of bends, minimum (typical) 15 (50)
Bending moment, ft-lb (N.m) 2.8 (3.8)
Cable weight lb/ft (kg/m) 0.15 (.22)
Tensil strength, lb (kg) 250 (113)
Flat plate crush strength lb/in (kg/mm) 110 (2.0)

Excellent cable, I have no problems with mine. To order use the numbers and address below, prior to order get a faxed quote and use a money order. Processing takes appros. 2 days via UPS ground.

Andrews Corporation
10500 W.153rd Street
Orland Park, IL. 60462
tel: 708-349-3300 / toll free: 800-255-1479
fax: 708-349-5943

--
Lenny Escalante
Brown University Satellite Services
Box 1885
Providence, RI. 02912
E-Mail: Leonardo_Escalante@Brown.EDU

1893. Err 2 on HTX 202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12841.12.uupcb@totrbbs.radio.org>
Source record: 212522

AS>The antenna in the HTX 202 seems to like redirecting the RF back to the set
AS>causing the PLL to unlock, thus giving the message "Err 2" and
AS>requiring the unit to be returned to Tandy for servicing. Is this something

AS>can fix one's self or is it a constant problem with that model? I am
AS>thinking of what to do with it when the warranty expires.
AS>Thanks
AS>KE6OCM
AS>--
AS>pax vobiscum

I remember getting that error on mine when I did something long ago. It
never happened again so I just forgot about it.

. OLX 2.1 TD . --T-A+G-L-I+N-E--+M-E-A+S-U-R+I-N-G+--G-A+U-G-E--
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1894. Yaesu FT-530 replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12842.12.uupcb@totrbbs.radio.org>
Source record: 212523

LGL>>>I need to replace the antenna on my FT-530. Does anyone know of a
LGL>>>third-party rubber duck that meets or exceeds the performance of the
LGL>>>Yaesu original? I was always pretty impressed with the factory duck,
LGL>>>but there's no time like the present for an upgrade, right?
LGL>>
LGL>Diamond makes a great dual-bander that friends of mine have used with
LGL>great success. They have bought it to replace the factory duck because
LGL>they were not happy with its performance.
LGL>I cannot remember the exact number of the antenna, but I know that
the LGL>antenna was hard to get when I lived in Sacramento; they could
never keep LGL>them in stock

I'll bet it was the Diamond RH77CA, it is exactly what I replaced my
Ft-530 rubber duck with.

. OLX 2.1 TD . If this were an actual tagline, it would be funny.
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1895. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12843.12.uupcb@totrbbs.radio.org>
Source record: 212524

JD> He is probably going to tell you that this is
JD>the rec.radio.amateur.equipment group and that this
JD>topic does not fit in with the "CONCEPT" of this
JD>discussion group.

Oh, Well you seem to know the concept of this discussion group. I guess
it must be available for downloading from the bbs somewhere. Which
discussion group does it belong to instead ?

. OLX 2.1 TD . Unable to locate Coffee -- Operator Halted!
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1896. atlas radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: ruediger schmidt <100540.365@CompuServe.COM>
Message-ID: <434l8mngp1@mhadf.production.compuserve.com>
Source record: 212525

Very few postings on the Atlas saga seem to appear here even
though there must be quite a few om's out there who are concerned
or interested.

I ordered an Atlas 310 - as it was called then in the initial DDS
version - in April 93 and received order confirmation #247. In
the course of time (some time ..) I received several explantory
letters on an apparent continuing redesign process plus two
letters to submit my final payment since my rig would ship on
xx.xx. I have ignored these as I'd like to see a rig reviewed
somewhere first.
I've noted the "now shipping" information has stopped to appear
in the CQ ads recently.

Who can shed some light on what's going on ?

73s Ruediger DF2GR

1897. Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HV71OLLGDE00BSIW@uthscsa.edu>
Source record: 212526

gary@ke4zv.atl.ga.us (Gary Coffman) WRITES:

- ...There's no such legal
-restriction against sales of radio equipment to unlicensed
-individuals.

Yes there is... It is legal for an Amateur Radio operator to use
and possess an external power amplifier that will operate between
22MHz and 30MHz. It is illegal for non-licensed individuals
to use or _POSSESS_ such a device. It is therefore illegal to
sell such a device to an unlicensed individual.
For all of you picky people, non-licensed means that the
person doesn't have a valid amateur radio or commercial
license for which the device is FCC type accepted.

- ...Restricting sales to amateurs only is equivalent
-to limiting service in a resturant to whites only.

No it isn't.
One might say that it is just like having a "men only"
restroom or "women only" healthclubs.
Sex discriminating.
Just as it is legal for business to give "senior citizen discounts."
Age discrimination.

These are legal but the analogy still doesn't hold.

-...Posting a
-sign doesn't make it legal. Of course the outcome of individual
-cases depends on the competence of the lawyers and judges
-involved, and the depth of the pockets of the litigants.

This is often true. The party with the deepest pockets almost
always wins regardless of who is right or who is wrong.
-
-Gary

By the way, what does all this have to do with false advertising?

Kevin, WB5RUE
muenzlerk@uthscsa.edu

1898. The Unlicensed Purchaser Issue And This NewsGroup

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: Harry Salvini <salvini@wdl.loral.com>
Message-ID: <434ua3$97j@wdl1.wdl.loral.com>
Source record: 212527

steve.sims@totrbbs.radio.org (Steve Sims) wrote:
>JD> He is probably going to tell you that this is
>JD>the rec.radio.amateur.equipment group and that this
>JD>topic does not fit in with the "CONCEPT" of this
>JD>discussion group.
>
>Oh, Well you seem to know the concept of this discussion group. I guess
>it must be available for downloading from the bbs somewhere. Which
>discussion group does it belong to instead ?

I agree with Steve! This is a group for the advancement of the
purchasing, selling, and other issues regarding the type of
"amateur.equipment". Maybe we need another group called
"rec.radio.amateur.d"?

Let me see if I understand both sides here:

This group is for anything regarding HAM equipment.

This debate (largely ignored by most) began with a statement regarding
selling equipment that "the use of" requires that a user/control operator
be licensed by the FCC to operate in some particular frequency which
has been assigned (allowed) the HAM community.

From there came discussions regarding the issues surrounding a non-
licensed person acquiring one of these pieces of equipment. I
did not read all the postings, but they seemed to involve both
those who will illegally use the equipment, and those who will be
purchasing the equipment with the final recepient being a license
holding person.

I guess this debate has migrated to something not involving the
equipment, more of characters, therefore no longer belongs here.
Where? I don't know. As I stated before in this message, maybe
we need a normal discussion group? Maybe this should go to the
"rec.radio.amateur.policy"?

ON THE OTHER HAND... I have been reading the posts occasionally,
because I do like reading a debate that is being handled with
care and respect for eachother. In most cases, this has been the case
here, although, as we are all people, there are others who must
abuse the language and other people simply because they are
having a "bad hair day". That part's sad. Not a good image to
people who are thinking about joining this mostly fun hobby.

+===+
| salvini@wdl.loral.com (KB6VMQ) | Happily married with 2 Kids! -+-|

```
| Loral doesn't have a single | A newbie Quinnatic (DQMW) | |
| thing to do with my opinions. | HAM, Dirtbikes, Kids, Camping | |
| ...you mean this isn't working? | K-LOVE - 100.9/99.3/91.9 FM | |
+---------------------------------+---------------------------------+
```

1899. Re: Stock FT-8500 Hardware Q

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: Robert D Houghton <rhought@cello.gina.calstate.edu>
Message-ID: <433unr$o3r@cello.gina.calstate.edu>
Source record: 212528

I'm doing this from memory as I just put the box in the garage!

The stock FT-8500 comes with:

Fancy Microphone/Controller w/mounting bracket and sheet metal mounting
strip
CSCSS Encode (but not decode)
Mobile Mounting Bracket
Remotable face plate (but no remote extention kit)
Wide Band Receive on both bands
DC cord with fuses
Two spare fuses
English/Spanish User Manual

Now, if only someone would upload the mods to oak.oakland.edu...

Bob

++++++++++++++++++++++++++++++	++
	AMSAT member #26148
Robert D. Houghton	digital satellites: KC6LVG@PACSAT
Science Department Chairman	Packet radio: kc6lvg@k6unq.#cas.na
John A. Rowland High School	Other internet:
Rowland Heights, CA 91748	kc6lvg@amsat.org
	rdhoughton@vms4.sci.csupomona.edu
++++++++++++++++++++++++++++++	++

1900. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12812.12.uupcb@totrbbs.radio.org>
Source record: 212529

TO>You're missing my point totally! This type of argument is not
TO>what this group is ment for. THAT'S the point!

TO>Jay
TO>N2OTK

Wait a minute, I thought this was the amateur radio group. What do you
mean it's not what this group is mean't for ?
Steve

. OLX 2.1 TD . MSI - Bringing it all together in '92
. KMail 3.0aa

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Lilburn, GA 30247-7440

1901. Mods for Uniden 66 PCXl

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12813.12.uupcb@totrbbs.radio.org>
Source record: 212530

DA>In article <12700.12.uupcb@totrbbs.radio.org>, steve.sims@totrbbs.radio.org
DA>ve Sims) writes:
DA>> CAH>Hi, I'm a small time CB'er, with a hankering to make some modification
DA>> CAH>CB, such as sideband, power mike, roger beep, any other little suggest
DA>> CAH>anybodyy might have. If you can either respon here or e-mail me, I wou
DA>> CAH>appreciate it. Thanks,
DA>>
DA>> CAH>-Chris
DA>> CAH>-treefrog@winternet.com
DA>>
DA>> Chris,
DA>> I can vouch for the fact that it is easy and fun to study and take the
DA>> test to get an amateur radio liscense. Since you have the desire to do
DA>> the things you mention (which in some cases are complex and require a
DA>> bit of study themselves). Getting the liscense is the easy part, and
DA>> just the start too. Once you've got that, you get easier access to a
DA>> lot of very knowledgable people that don't seem to mind spending a
DA>> little time here and there helping to pass on that knowledge. At this
DA>> point you'll probably find yourself with project after project.
DA>> Steve

DA>Not to mention that what he wants to do in some cases is just plain illegal
DA>for a CB'er to do....

DA>"Course that never stopped 'em from anything else ;)

Yeah, but I was trying to get him back to doing the things he wanted to
do the proper legal way. (I hope he gets his ticket, it was one of the
best moves I ever made.)

. OLX 2.1 TD . All hope abandon, ye who enter messages here.
. KMail 3.0aa

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Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
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1902. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <4341es$efm@over.mhv.net>
Source record: 212531

Edward H. Currie (ecurrie@ix.netcom.com) wrote:

: >Bottom line, I guess for the bucks, the HTX 202 is a fairly decent
: radio.
: >
: I agree with you but I am on my third mike for the HTX202. Wonder if
: one wouldn't be better off with a compatible one from Icom, et al?

: Regards

: Eddie

Why are you on your 3rd mike? What went wrong with them? You mean the
radio shack plug in one right? Nothing much in those really. I've been
using mine for MONTHS now with no problems at all.

Tom - KB2SMS

1903. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12810.12.uupcb@totrbbs.radio.org>
Source record: 212532

```
TO>It's just my (un)educated opinion, but haven't we already taken up MUCH too
TO>much bandwidth arguing and yelling over this issue? Everyone has an
TO>opinion on it and opinion is just what it is. Since you can't argue
TO>the value that a man's opinion holds for him, why try to do so? Let it die
TO>already!
TO> Jay

Are you really bothered by it that much ? Neither of us are angry or
upset by the issue. Are you ?
---
. OLX 2.1 TD . Backup not found: (A)bort (R)etry (P)anic
. KMail 3.0aa

----
Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
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Lilburn, GA 30247-7440
```

1904. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12811.12.uupcb@totrbbs.radio.org>
Source record: 212533

TO>>>FWIW, I sold at least three radios yesterday to unlicensed
TO>>>individuals.

TO>>Do you sell equipment as a sideline, or is it a legitimate business?
TO>>If it's a business, you should back up your convictions by posting
TO>>its name here.
TO>>73,
TO>>Jack WB3U
TO>Why? So that he can be black-listed by the amateur community?
TO>I don't think so!

TO>Jay
TO>N2OTK

I agree with Jay. There is a lot of nonsense prejudice out there. For
safety's sake, I'd suggest not posting the business name. Besides, I
hardly see what usefulness it would serve.
Steve

. OLX 2.1 TD . Press "+" to see another tagline.
. KMail 3.0aa

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Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1905. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: ecurrie@ix.netcom.com
Message-ID: <434f2c$l6p@ixnews3.ix.netcom.com>
Source record: 212534

> Why are you on your 3rd mike? What went wrong with them? You mean
the
>radio shack plug in one right? Nothing much in those really. I've been

>using mine for MONTHS now with no problems at all.
>
>Tom - KB2SMS
>

The first one couldn't be used because of distortion ... the second had
the speaker connection shorted so that the moment you plugged it in
there was no audio available from anywhere and the third well I'm
waiting ... anyway they look like junk, operate like and belong with
the rest of the junk ...

Regards

Eddie KB2VPO

PS No complaints about the Radio Shack amp or HTX202 however ...

1906. Rqst for Comments: TPL/VoCom/Henry/etc. UHF amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: cyamamot@kilroy.jpl.nasa.gov
Message-ID: <433h7p$d56@lo-fan.jpl.nasa.gov>
Source record: 212535

Greetings,

I'm in the process of selecting a hill-top amplifier for repeater use
and was wondering if I could solicit any comments from others who have
experience with TPL, VoCom, Henry Radio or any other manufacturer whom
you might have used. Repeater drive to the amplifier can be set up to
30 watts if necessary. This is a UHF system.

Henry Radio seems to have the most "watt-for-buck" ratio but then again,
I'm wary as to why TPL or VoCom cost twice as much as Henry for the same
output wattage.

I *believe* I've read in past Usenet articles some years back that it's
a waste of time using mobile amplifiers from Mirage or RF Concepts on a
hill-top for lack of reliability under continuous duty. Has anyone had
any luck using a mobile amplifier from Daiwa or Tokyo Hy-Power on a hill?

Your comments and input are appreciated. Thanks in advance!

73's
- Cliff (KA6JRG)

1907. Addrs/Ph# of "Milcom" and "T.E. Systems" - Amplifiers?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: cyamamot@kilroy.jpl.nasa.gov
Message-ID: <433ht4$d63@lo-fan.jpl.nasa.gov>
Source record: 212536

Went looking through my old Usenet archives and saw "Milcom" and
"T.E. Systems" mentioned as good sources of repeater amplifiers.
Does any have an address or phone # for either/both?

Thanks,
- Cliff (KA6JRG)

1908. Standard C558A mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: az721@FreeNet.Carleton.CA
Message-ID: <DEruwq.Hn1@freenet.carleton.ca>
Source record: 212537

I am looking for mods for the Standard C558A hand held radio.
Specifically for the mods to allow tx on the 2 m band.

Thanks,73

Gilles, Ve2Gsm
--
Gilles Monette
az721@freenet.carleton.ca
Have a good day...

1909. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: ecurrie@ix.netcom.com
Message-ID: <4331f6$pq9@ixnews2.ix.netcom.com>
Source record: 212538

>Bottom line, I guess for the bucks, the HTX 202 is a fairly decent
radio.
>
I agree with you but I am on my third mike for the HTX202. Wonder if
one wouldn't be better off with a compatible one from Icom, et al?

Regards

Eddie

1910. Err 2 on HTX 202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: ag001@lafn.org
Message-ID: <1995Sep12.023735.27812@lafn.org>
Source record: 212539

The antenna in the HTX 202 seems to like redirecting the RF back to the set causing the PLL to unlock, thus giving the message "Err 2" and requiring the unit to be returned to Tandy for servicing. Is this something one can fix one's self or is it a constant problem with that model? I am thinking of what to do with it when the warranty expires.
Thanks
KE6OCM
--
pax vobiscum

1911. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: jdb99@ix.netcom.com
Message-ID: <4344e9$54g@ixnews7.ix.netcom.com>
Source record: 212540

In <12812.12.uupcb@totrbbs.radio.org> steve.sims@totrbbs.radio.org
(Steve Sims) writes:
>
>TO>You're missing my point totally! This type of argument is not
>TO>what this group is ment for. THAT'S the point!
>
>TO>Jay
>TO>N2OTK
>
>Wait a minute, I thought this was the amateur radio group. What do
>you mean it's not what this group is mean't for ?
>Steve

He is probably going to tell you that this is
the rec.radio.amateur.equipment group and that this
topic does not fit in with the "CONCEPT" of this
discussion group.

--
==========================	==============================
JD Brown, ATP, DC-3, DC-4,	Computer Systems Engineer
DC-6,DC-7,C-46,CE500,Lear35	AeroTek Data Services Group
CFII, ASMELS, A&P, IA	Birmingham, AL 35245
jdb99@ix.netcom.com	102504,2010@compuserve.com
==========================	==============================

1912. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: norder@scan.mc.xerox.com
Message-ID: <NEWTNews.810863649.6847.norder@stockholm.is>
Source record: 212541

In article <8B0D03D.00270014CE.uuout@intac.com>,
<bryan.smart@intac.com> writes:

> I remember someone saying a couple of posts back that they
prefered some
> Kenwood units over the RS one due to their shirt-pocket size.
My question
> is, how much transmit power do you give up by going this
route, and how
> thick of bloves must you wear while transmitting to avoid the
heat <G>.
>
Bryan ---

For the Kenwood TH-22AT, with the standard 6V battery, the output is 3W max .Two reduced power settings are also available, down to less than a watt. (I can't remember the specs.) The optional 9V battery enables 5W output. Actually, you can now choose (and pay for) the battery of choice when you purchase the unit. As for heat, I have not had a problem. I use the 6V battery at 1.5W (or so) output and in our urban area, that is plenty of power to hit any of the major repeaters from most anywhere in the county. And I, personally, have not found "excessive intermod" to be a problem.

73 de Paul (KB2TJS)

1913. WANTED TURNTABLE AND\OR AMP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: itd@saucer.cc.umr.edu
Message-ID: <43538j$a69@hptemp1.cc.umr.edu>
Source record: 212542

I need a belt-driven turntable with at least one weight control on the tonearm. Must have 33 and 45 RPM selector and would like to have 78 RPM selector if possible. Built in pre-amp or extrenal amp would be nice. If you have a only an amp or a truntable to sell, I still want to talk.

TRUNTABLE DOES NOT HAVE TO WORK!!! If there is a problem with the motor or needle, or something else easy to fix, I'll fix it.

I will pay shipping.

-itd@umr.edu
-Ian Downard

1914. Re: Info Request: Index Labs QRP Plus transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDEsqLE.383@netcom.com>
Source record: 212543

In article <432fqq$41m@cliffy.lfwc.lockheed.com> POTEET MC <l040350> writes:
>I am not certain this is the proper forum for this request for information
> but ...
>
> I am considering the purchase of an Index Labs QRP transceiver. I would

Please e-mail me direct and I'll send you a review I wrote. Your reply-to
e-mail address is not properly formed (complain to your system admin!)

73 Dae WB0GAZ dgf@netcom.com

1915. Re: HT for 220 recommendation?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: tcmayo@eng106
Message-ID: <4344c9$jv3@morgan.vf.mmc.com>
Source record: 212544

Tom Mayo N1RMU (tcmayo@eng106) wrote:
: Bill Meahan (wmeahan@ford.com) wrote:
: : Our local RACES group (in formation) is going to be putting up a repeater
: : shortly. This repeater will be on 220 MHz and, you guessed it, I have no
: : equipment for 220, so I'd like to get an HT for the band. I really don't
: : give a rip about having 50 gazillion memories or require something
: : smaller than an Altoids box. I'd just like a reliable, inexpensive,
: : fairly rugged HT for which batteries are (still) readily available.

: Bill-

: Why not get an Icom 2AT. It's rugged, reliable, and the batteries are

SORRY, I MEANT A 3AT. OOPS!
^
: very common (compatible with the Radio Shack HTX-202). Two things to
: consider are (1) does the repeater require a PL tone? (if so, maybe the
: IC-2AT will not work for you), (2) what HTs do you currently have (you
: might want to get something that uses the same batteries so you can use
: them for multiple radios.

: Good luck.

: -Tom

--

____
/___ ______/\ Tom Mayo N1RMU
__/ /_____\/
/ /_/_______ e-mail: tcmayo@mntr02.psf.ge.com
/ __ __ /\ home: mayo@adams.berk.net
/ /\/ /\/ / / packet: N1RMU @ WA2UMX.#ENY.NY.US.NA
/__/ /__/ /__/ / For my PGP public key, e-mail me at work
__\/__\/__\/ with subject send_pgp_key.

1916. WANTED: Heath HW-9 or HW-8

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: ASUSEE@MAINE.MAINE.EDU
Message-ID: <95255.100423ASUSEE@MAINE.MAINE.EDU>
Source record: 212545

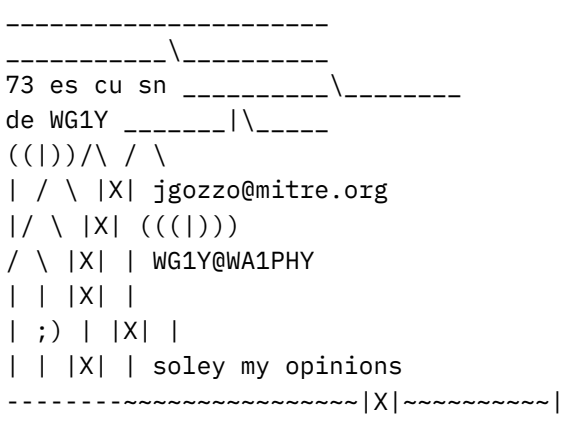
I am looking for a Heath QRP rig HW-9 or HW-8 in good condition.
If you have any info concerning this unit please respond via email.
ASUSEE@maine.maine.edu

1917. Comments on TM-255A 2m multi-mode?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: jgozzo@mitre.org
Message-ID: <jgozzo-1209951606450001@jgozzo.mitre.org>
Source record: 212546

Anybody have any comments on this rig? I've already read the QST review a
few months back and am seriously considering $helling out $ome ca$h.
Tks es 73
Jim, WG1Y

--



1918. Looking for a dead Tektronix 491 Spectrum Analyzer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: sidener@crunch.nuc.umr.edu
Message-ID: <434461$lc@hptemp1.cc.umr.edu>
Source record: 212547

Hi, I am looking for a "dead" Tektronix 491 spectrum analyzer for
parts. If you have one I would be very interested in hearing from you.

Thanks,

Scott Sidener N0WFL sidener@umr.edu

1919. Re: R5 or Butternut HF-6VX or Hustler 5-BTV ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <4340ub$433@ixnews7.ix.netcom.com>
Source record: 212548

In <432r1h$g1e@newsbf02.news.aol.com> buddy10@aol.com (BUDDY10) writes:

>
>Whichc of these Verticals do you think is best ? I have heard mostly
BAD
>things about the GAP's ,so those are out of the running. Mostly
>interested in using the vertical for it's low radiation angle for
DX'ing(i
>know a beam would be better).
>Thanks !
>Scott Powell
>KD6GPV
>General since 1995 !

Bought a Butternut vertical after working a large number of hams using that antenna. This is the 4th vertical that I have owned over the years and it is without a doubt, the best vertical on the market. Mine is ground mounted without radials and works great. Good DX antenna when there are these things called sunspots.

Regards,

Duffy - WB8NUT

1920. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HV70ZL3V6Q00BOO5@uthscsa.edu>
Source record: 212549

jackl@pinetree.microserve.com (WB3U)
steve.sims@totrbbs.radio.org (Steve Sims) wrote:

->Every member is going a little too far, but what society has really
->forgotten was that there ARE NO public businesses for most social
->needs, only private ones.
-
-What about public schools, public hospitals, public armed forces,
-public police, public construction departments, etc. etc. Last I
-heard, the Gross National Product now consists of publicly-funded
-services as a *majority*.

I think that Steve is distinguishing "public" from "private"
businesses by "profit" or "non-profit."
Public schools are not a "business" or at least they shouldn't
be. "True" Public hospitals are generally a non-profit business unless
they are run by the city or county. In such a case they are
a public service not a public business. Here in San Antonio we have
two "public" hospitals that are run by Bexar County. They
bill on an "ability to pay" method ("welfare.")
"Public" armed forces are not a business at all, nor are
the police, so this analogy is not valid.

- <<snip>>
-
->I have often felt that in many ways America is at both extremes like
->kids at extreme opposite ends of a seesaw. What is needed is for
->both to come closer to the middle.
-
-There is no viable middle. One extreme is unbridled government
-control without regard for individual rights, the other is the
-absolute protection of those rights. Despite efforts to confuse these
-issues, I know which is the preferable state.
-
-73,
-
-Jack WB3U

What does ANY of this have to do with selling to a non-licensed
individual? If I remember correctly the original question was
whether or not it was legal to sell amateur radio equipment to
non-licensed individuals.
The LEGAL answer is: It depends on what the equipment is.
If it is an FCC type accepted (commercial) transceiver or transmitter
the answer is YES. If it is an external power amplifier that will

operate between 22MHz and 30 MHz the answer is NO. If it is a commercial rig that has been modified and is capable of operating on 11 meters the answer is NO.

Now, a business may choose not to sell to unlicensed individuals. There is _NO_ legal reason preventing it from doing so. Of course there are groups of people against whom a business cannot discriminate, we all know who they are. "People who do not hold an Amateur Radio license" is not one of these groups.
Perhaps the original debate should have been "is it wise....?"

Kevin, WB5RUE
muenzlerk@uthscsa.edu

1921. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12809.12.uupcb@totrbbs.radio.org>
Source record: 212550

WB>It's one thing to look at it, another to use it as justification to
WB>abrograte individual rights. Society is only a concept. It doesn't
WB>think, feel, invent machines or create wealth. Only you and I as
WB>individuals can do that. It follows that only individuals have
WB>rights, and that dismissal of those rights cannot ever actually be
WB>"good for society".

True, but disparity begets disparity when one ONLY focuses on individual rights, the powerful become ever more powerful, the unfortunate ever more unfortunate. True, the well off EARN their money, and DESERVE the credit they derive from their positions of power and admittedly some sweat. But the meanings of EARN and DESERVE also walk with time. The slope of the playing field is far from constant, and farther still from level. 'Abrogate' here is a rather strong word. 'Modify' would be much better. I do not feel that individual rights should be indiscriminately revoked. I simply believe in the justice in putting limits on the slope of the playing field. (Kind of like stops on a gimble or gyro.) An example, off-hand, may be the limitations on campaign contributions. (I'm sure you can think of others.)

WB>I spent more than ten years studying these issues because I could no
WB>longer reconcile the doctrine of our government with the freedoms
WB>it supposedly champions. The conclusions I reached have become the
WB>core of a strict moral philosophy.

I'm sorry if I stepped on your toes. However, surely you still believe that these issues are moot. Workable systems are as different as the internals of the people who make them up. I'm sure that some of the people who lived in ancient Greece believed in the justness of the slave state. (Though I doubt that it was very many of the slaves.) I believe that you and I both will probably find this course of study a way of life.

WB>>All I can say here is that freedom IS defined in many ways, you are
WB>>wrong. (Unless you restrict your world to only those individuals who
WB>>line up on fringe right.)

WB>I don't know about the fringe right, but other definitions of freedom
WB>can only be accepted if you're willing to empower the government at
WB>the expense of individual rights. Given that individual rights are
WB>logically a prerequisite to freedom, those other definitions are
WB>logically false.

When one begins considering the government to be a third party, or a 'big brother' so to speak, one has already admitted that we are no longer a self governing people. If that is the case, then we

have already lost all of our freedoms. If one does consider us TO BE a self governing people, then 'empowering the government' simply means governing period. I do NOT agree that other definations of freedom NECESSARILY lead one to the conclusion that individual rights will be lost, in general. In fact, I believe that some strategicly wise modifications of our defination of freedom would lead to greater individual rights on the whole.

WB>>WB>>A self governing people generally express themselves through the
WB>>WB>>vote.
WB>>WB> There is no direct correlation between freedom and
WB>>WB>democracy. One has to ignore many inconsistencies and unfounded
WB>>WB>assertions to believe otherwise.

WB>>Well, I agree (whew, finally). I agree with that. Yep. There are
WB>>many people who consider themselves free, who most of us living here
WB>>don't consider free at all. What right do we have to excessive
WB>>pride?

WB>Not much. I got a good laugh a few years ago when some politician
WB>applauded "the fall of socialism". He obviously knew that socialism
WB>isn't freedom, but in his ignorance he couldn't recognize either. The
WB>USSR just happened to have it spelled out within the name of their
WB>country. <g>

I object to your assertion that "socialism isn't freedom". Unless you are speaking from the politicians point of view. At our current level of discussion you realize the ambiguities that such a statement entails. Anyway, I understand and share the humor that you got from the fact that he obviously equated the USSR to the epitome of socialism, just because of the fact that socialists is in the name of the now defunct union.

WB>The heck with hurt feelings. Anyone who thinks we're no better than
WB>ants in a colony is a danger to us all, particularly in a democracy.
WB>As for accepting what we're handed, the same was true in the USSR
WB>until economic devastation forced a change. I only wonder what will
WB>happen *here* when our reserve of commercial initiative and natural
WB>resources are both finally depleted.

Well, perhaps, in a room of educated, self-restrained people. However, I believe that I have and ego, and I believe that you do and everyone else does too. Angry people sometimes kill other people. I agree that it would be bad for us to be ruled from either the perspective that we are all the same, or that we are all as dumb as ants (whichever or both that you intended). As for economic devastation, I need to send you a photocopy of my checkbook. Hee Hee. Just kidding, I am rather well off. (Well, compared to those who are really hurting, anyway.) I look forward to the day, when once again an engineer who sits down with a truely innovative useful idea and willingness to work can make use of his commercial initiative with the natural resources that you spoke of. (I realize that SOME people can do this today.)

WB>>Hmm... upon rereading earlier phrases up the chain in this
WB>>discussion I am suprised that you are choosing to express in just
WB>>this way. It sure seemed to me that you felt differently a few
WB>>messages ago. However, the misunderstanding was probably all in my
WB>>mind I guess.

WB>It's extremely difficult to convey the meaning of someone's position
WB>in a few paragraphs. Some folks don't even believe what they write,
WB>they just like to stir the pot. :)

Yes, but I see that you are not one of them. Neither am I.

73,

Steve Sims

. OLX 2.1 TD . hAS ANYONE SEEN MY cAPSLOCK KEY?
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
Phone: +1 404 921 8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1922. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-12 00:00:00 UTC
From: jjmartin@world.std.com
Message-ID: <DEtE47.II1@world.std.com>
Source record: 212551

jdb99@ix.netcom.com (jdb) sed:

:>>:>" WE DO NOT SELL AMATEUR RADIO EQUIPMENT CAPABLE OF TRANSMITTING
:>>:> TO ANYONE WHO DOES NOT HAVE AN AMATEUR RADIO LICENSE."

Gee! Where can one get a radio that transmits only to those who possess an amateur radio license? >:-D

I am biting my tongue on the rest of what you said. I noticed that you like to omit quotes to change the context and then you make comments based upon the context you create.

I suggest you start posting in alt.alligator.holler.big.mouth, alt.pot.call.kettle.black and alt.learn.to.spell.privilege

This ends our discussion on the matter. I will continue to sell amateur radio equipment to anyone who wishes to buy it. And...without making a profit for myself.

Just so you know...I sold a few hundred thousand dollars worth of amateur radio equipment during the past year. I did not make one penny in profit for myself. That blows that theory of yours all to smitherenes.

Now, back to reading the Burt Fisher saga...

Jim Martin, WK1V	When I go, I want to go just like my
Lowell, Massachusetts	grandfather...in his sleep...not like
USAF (Ret)ained	the screaming passengers in the back
ex: KA5MWD/N1CLS/KB1LW/HL9ZF	seat of the car he was driving.

My opinion (if given) is my own and does not intentionally reflect the policy of others in any way, shape, or form.

1923. Re: Rqst for Comments: TPL/VoCom/Henry/etc. UHF amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: mri@clark.net
Message-ID: <4358tb$qqu@clarknet.clark.net>
Source record: 212461

Cliff Yamamoto (cyamamot@kilroy.jpl.nasa.gov) wrote:
: Greetings,
: I'm in the process of selecting a hill-top amplifier for repeater use
:
: I *believe* I've read in past Usenet articles some years back that it's
: a waste of time using mobile amplifiers from Mirage or RF Concepts on a
: hill-top for lack of reliability under continuous duty. Has anyone had
: any luck using a mobile amplifier from Daiwa or Tokyo Hy-Power on a hill?
. . . . . .
Using a mobile amplifier in repeater service is Asking for trouble from
the start. We've used a Mirage amp for several years now with excellent
results.

Repeater Amps:
Use heavier copper traces on the PC board
Have heatsinks that are made for continuous duty
Usually have much more protection against faulty operation
(most have separate heat / SWR / overdrive protection circuits)
Have vented chassis to let internal heat escape.

Mobile amps are made for light duty intermittant service.

Don't look only at price. ALL manufacturers will tell you that their
mobile amp is automatically out of warranty if used in repeater service.

Good rule of thumb: NEVER overdrive a repeater amp and put a small
whisper fan on the back to guarantee good air circulation.

Small precautions, but the amp should run forever.

-= 73 =- john k3nxu jlamar@yrkpa.kias.com

1924. Re: Addrs/Ph# of "Milcom" and "T.E. Systems" - Amplifiers?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: mri@clark.net
Message-ID: <4359ut$qqu@clarknet.clark.net>
Source record: 212462

Cliff Yamamoto (cyamamot@kilroy.jpl.nasa.gov) wrote:
: Went looking through my old Usenet archives and saw "Milcom" and
: "T.E. Systems" mentioned as good sources of repeater amplifiers.
: Does any have an address or phone # for either/both?
: - Cliff (KA6JRG)
. . . . . .
I purchased a T.E. Amplifier for our repeater and consider it the biggest piece of crap and even worse the worst service I've ever experienced. It took months to get the amplifier because "ham service" took a back seat to their 'other' clients, the amplifier was not working do to components missing, another month to ship another amplifier with a gouge in the heatsink that was poorly painted over. During the three months of lost time, the owner of the company kept assuring me that my amp was ready to be shipped, and wasn't.

Fortunately, I was dealing with T.E. through HRO who gave me an immediate credit when I asked for it, we bought the Mirage and lived happily ever.

A Nightmare Purchase ! -= 73 =- john k3nxu jlamar@yrkpa.kias.com

1925. Raynav 750 Loran info?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: rex_allers@3mail.3com.com
Message-ID: <3846@bridge2.NSD.3Com.COM>
Source record: 212463

I bought a Raynav 750 Loran C navigation unit at a flea market. I'm not a pilot or a sailor, but by trial and error I was able to get it configured to find a master and two slave stations, and it gives me Longitude and Latitude. Unfortunately it seems to be off about 8 - 10 miles. I don't know if it needs calibrated or if I just haven't fed it all needed parameters. It has numerous settngs and modes. I deduced some of it but most is unknown.

I'd like to use it to ease grid square determination for microwave contests.

Does anybody know how I can get operator or service documentation on this thing? Its made by Raytheon, looks to be about late-70's or early-80's vintage.

1926. ICOM 7100: Control Software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: kirchen@supernet.ab.ca
Message-ID: <435bub$joe@rover.ucs.ualberta.ca>
Source record: 212464

Any comments or recommendations about control software for
the ICOM 7100. Please post or send by email to:
kirchen@supernet.ab.ca

Thanks
Roger

1927. Re: NICAD voltage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: packrich@nando.net
Message-ID: <435iab$m67@parsifal.nando.net>
Source record: 212465

In <orbelld-12099510273300001@204.41.1.203>, orbelld@pcbe.edu.on.ca (David Orbell) writes:
>summarized, NICAD with low output.
>Dave
>VE3RRN
Dave, not to go into a long dissertation on NICADS, but, yes there is hope in your case. What essentially happens that causes the problem you see is called a shorted cell. If you took the battery pack apart and checked each of the cells, you would find one that has no output. If the cell is not in too bad shape, while it is apart, no need to disconnect the cells, (usually soldered), place a momentary 12 volts(or so) across the individual cell. look at the cell with the voltmeter, if it now shows 1.2volts or so you fixed it. If it still shows none, try it again. nothing ventured nothing gained. be carefull as there is heat generated by this process and the cell is subject to explode. I use a 12 volt bench supply to do mine with. the explanation is that miniscule fibers grow from one pole to the other and short the cell out. Hitting the cell with a high amp charge will usually vaporize the fiber. If the cell is still dead after a few tries, toss it. to recharge after this process you should drain the entire pack of cells. just short it out, with a piece of wire and take the whole pack down to about 3 volt range. then if you wish apply the 12 volts across the pack and monitor the voltage at the cells. when it quits going up, the pack is fully charged. charge rate for the normal AA sized cells can be as high as 250 ma. But, you can hit them with 2.5 amps for short duration and it will help prevent the fiber growth. If you have 6 good cells, optimal voltage is 7.2, for chargeing, you will see at full charge as much as 9 volts or so across the pack. This full charge will quickly come down to 7.2 and stay there for the rest of the usable cycle. There are some good references about all this available from past issues of QST, etc. You might even find it on one of the CD-ROM packs for HAM info. Long ago I used to run some RC cars on NICADS, Charge them suckers at 6 amps, discharge at about 35 amps in 15 minutes.
Good luck and hope you can get a bunch of life from the old NICADS, BTW, when you open up the battery pack, look for leaking, etc, if visible, toss'em as they will not come back if the electrolyte is depleted.
73's
WD4AUI

1928. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: jdb99@ix.netcom.com
Message-ID: <435e0n$8aj@ixnews4.ix.netcom.com>
Source record: 212466

In <12843.12.uupcb@totrbbs.radio.org> steve.sims@totrbbs.radio.org
(Steve Sims) writes:
>
>JD> He is probably going to tell you that this is
>JD>the rec.radio.amateur.equipment group and that this
>JD>topic does not fit in with the "CONCEPT" of this
>JD>discussion group.
>
>Oh, Well you seem to know the concept of this discussion group. I
>guess it must be available for downloading from the bbs somewhere.
>Which discussion group does it belong to instead ?
>

Whoops. I forgot to put the correct emotiocon in the right place.
I was being sarcastic... I have no idea where the guy thinks it
belongs, what I was doing was telling you how he would probably answer.
SInce I am right in the middle of the topic, I see nothing wrong
with it and where it is being discussed...

1929. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12866.12.uupcb@totrbbs.radio.org>
Source record: 212467

MK> ->Every member is going a little too far, but what society has really
MK> ->forgotten was that there ARE NO public businesses for most social
MK> ->needs, only private ones.
MK> -
MK> -What about public schools, public hospitals, public armed forces,
MK> -public police, public construction departments, etc. etc. Last I
MK> -heard, the Gross National Product now consists of publicly-funded
MK> -services as a *majority*.

MK>I think that Steve is distinguishing "public" from "private"
MK>businesses by "profit" or "non-profit."

MK>Public schools are not a "business" or at least they shouldn't
MK>be. "True" Public hospitals are generally a non-profit business unless
MK>they are run by the city or county. In such a case they are
MK>a public service not a public business. Here in San Antonio we have
MK>two "public" hospitals that are run by Bexar County. They
MK>bill on an "ability to pay" method ("welfare.")
MK>"Public" armed forces are not a business at all, nor are
MK>the police, so this analogy is not valid.

Wait a minute, let's not get confused here. That should read Jack, not
Steve. I only wrote the lines with the arrowheads (>) in front of them.
I was using the private property defination for "private". I agree with
you, in the way you have expressed it. However, for the purposes of the
comment, since the schools filled one need, Jack had a point. However,
to see the counterpoint one must imagine all of the needs of society (a
rather reflective undertaking). I couldn't possibly do it justice here,
there's not enough space or time.

MK> ->I have often felt that in many ways America is at both extremes like
MK> ->kids at extreme opposite ends of a seesaw. What is needed is for
MK> ->both to come closer to the middle.
MK> -
MK> -There is no viable middle. One extreme is unbridled government
MK> -control without regard for individual rights, the other is the
MK> -absolute protection of those rights. Despite efforts to confuse these
MK> -issues, I know which is the preferable state.

MK>What does ANY of this have to do with selling to a non-licensed
MK>individual? If I remember correctly the original question was
MK>whether or not it was legal to sell amateur radio equipment to
MK>non-licensed individuals.

Well, to see that, you'd best reread the chit-chat that lead up to it.
If you want to discuss it, you may call me on my shack number (or we can

do by fax if you'd like.) It is (770) 414-0680 (name is Steve).

MK>Now, a business may choose not to sell to unlicensed individuals.
MK>There is _NO_ legal reason preventing it from doing so. Of course
MK>there are groups of people against whom a business cannot
MK>discriminate, we all know who they are. "People who do not hold
MK>an Amateur Radio license" is not one of these groups.
MK>Perhaps the original debate should have been "is it wise....?"

MK>Kevin, WB5RUE
MK>muenzlerk@uthscsa.edu

Yes, you almost recreated some of my previous letters, Kevin. I tried just stating the bottom line as I saw it (as you did here) but then I got sucked in by the undertow. (Jack is a very thoughtful debater, perhaps you should take the matter up with him; except that I suspect we are actually all on the same side.)

. OLX 2.1 TD . Press any key to continue or any other key to quit
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA
Phone: +1 770 921-8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1930. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12867.12.uupcb@totrbbs.radio.org>
Source record: 212468

JD> Whoops. I forgot to put the correct emotiocon in the right place.
JD>I was being sarcastic... I have no idea where the guy thinks it
JD>belongs, what I was doing was telling you how he would probably answer.
JD>SInce I am right in the middle of the topic, I see nothing wrong
JD>with it and where it is being discussed...

Ok, thanks JD. Say, this is probably a dumb question, but are you guys
around Atlanta ? Or do your messages come here from afar ?

Steve

. OLX 2.1 TD . Hello, I am part number .....
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA
Phone: +1 770 921-8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1931. Kenwood uses false advert

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12868.12.uupcb@totrbbs.radio.org>
Source record: 212469

MK> - ...There's no such legal
MK> -restriction against sales of radio equipment to unlicensed
MK> -individuals.

MK>Yes there is... It is legal for an Amateur Radio operator to use
MK>and possess an external power amplifier that will operate between
MK>22MHz and 30MHz. It is illegal for non-licensed individuals
MK>to use or _POSSESS_ such a device. It is therefore illegal to
MK>sell such a device to an unlicensed individual.
MK>For all of you picky people, non-licensed means that the
MK>person doesn't have a valid amateur radio or commercial
MK>license for which the device is FCC type accepted.

Note that the range is in the CB band. I think what Gary was talking about was the issue, *amateur* radio equipment. Boy also, note that the frequency range does not include a ham band, but supposedly hams are immune from the anti-possession law. (Better not let my sister carry it to the car for me. Sheesh.) Time to start wondering about the wisdom behind *that* law.

MK> - ...Restricting sales to amateurs only is equivalent
MK> -to limiting service in a resturant to whites only.

MK>No it isn't.
MK>One might say that it is just like having a "men only"
MK>restroom or "women only" healthclubs.

Yes and no. First of all, blacks can't change to whites, nor can we make the mistake of thinking that even if they could that it should be considered a prudent action. However, a non-liscensed person can change to a liscensed person and it is seen to be an honorable goal to have attained. Second, I know of no general complaint over the men/women restroom segregation. (I thought personal privacy drove that issue!)

MK>_Sex discriminating._
MK>Just as it is legal for business to give
"senior citizen discounts."

First, when the law refers to discrimination, either it specifies the type discrimination mean't, or it is up to the interpretation of the courts. I don't think too many people have seriously contested the issue. And I know of no general complaints. I thought that the fact that the elderly are known to have to deal with the 'fixed income' problem drove that issue. Hence, it might really be 'illegal' so to speak (or lets say 'of undetermined legality'), but who cares ? I am certain that if it was contested, that it would become legal at that

time for the simple fact that it isn't seen to hurt on the whole;
rather, it is seen to help on the whole.

MK>By the way, what does all this have to do with false advertising?

MK>Kevin, WB5RUE
MK>muenzlerk@uthscsa.edu

Yeah ? What does it have to do with false advertising ?

73, Gentlemen !

Steve

. OLX 2.1 TD . This tagline stolen by Off-Line Xpress!
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA
Phone: +1 770 921-8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1932. Free Mac Test Simulators - Mac

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1309950456570001@wd1v.mv.com>
Source record: 212470

FREE - NEW Macintosh HAM TEST SIMULATORS

Studying for a ham test and have access to an Mac?

Upgrade Fast! Simulate the test and get S T I M U L A T E D!

Scores of 90% or > even get applause!

The new Macintosh Ham Test Simulators are HERE (and there if you can FTP)!

o Novice Ham Test 5.0 SA.sea
o Technician Ham Test 5.0 SA.sea
o General Ham Test 5.0 SA.sea
o Advanced Ham Test 5.1 SA.sea
o Extra Ham Test 5.0 SA.sea

The latest version "5" feature:

HyperCard 2.3 as a stand-alone application (SA) eliminating
your need to have HyperCard. All you need is a Mac with 4
Meg of memory and version System 7 or greater.

Each version "5" Ham Test Simulator has the latest questions
as prepared by the Question Pool Committee.

Each version "5" Ham Test Simulator is FREE OF CHARGE and work the
same way as the originals did (written by Diana, KC1SP).

You may obtain a version "5" Ham Test Simulator by mailing me a *FORMATTED
disk (1 per test) and include a Self Addressed and Stamped disk mailer for
the return.

Each version "5" Ham Test Simulator is also bundled with a shareware CW
program called MacMorse 1.4 written by Doug, WB0EON.

Also included in the version "5" collection are text files that relate an
interesting variety of ideas about the best way to study CW and prepare
for tests.

Or warm your phone line and get JUST the tests:

America On Line - Macintosh Ham Radio Section

or:

ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/AdvancedHamTest.sea.bin
(Aug 30th)
ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/ExtraHamTest.sea.bin
ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/GeneralHamTest.sea.bin

ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/NoviceHamTest.sea.bin
ftp://oak.oakland.edu//pub3/hamradio/mac/theory-and-morse/TechnicianHamTest.sea.bin

Your comments and suggestions for future versions are always welcome. Stay
in touch
and good luck with YOUR next test!

73,

\/
John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive America On Line: jseney@aol.com
Manchester, NH 03103-6150 AX.25 Pkt: wd1v@wb1dsw.nh.usa.na
(H) 603-668-1096 Ampernet: wd1v@wd1v.ampr.org
Source for Free Macintosh Amateur Radio Test Simulators
\/
LeCroy Sales Engineering - Maine, New Hampshire, and Northeastern
Massachusetts
(O) 800-553-2769 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

All opinions are my own, including Digital Storage Scope.FAQ

To obtain the latest copy automatically, simply send me an EMAIL
with "subscribe scope.faq" in the subject field.
or: http://beam.slac.stanford.edu/www/library/w3/dso.html
\/

1933. Latest TCP/IP for Mac + Docs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1309950500060001@wd1v.mv.com>
Source record: 212471

Free - Latest Release of Macintosh TCP/IP software for Amateur Radio

NET/Mac v2.3.55 was born...

For those who don't know NET/Mac... NET/Mac is the application that supports TCP/IP over packet-radio, which means, that hamradio operators can use NET/Mac for their wireless TCP/IP network...

In this version of NET/Mac the following mods/features were implemented:

- A cosmetic enhancement for the 'netrom nodefilter' output
- Corrected some minor things
- Don't record the 'retr n' command in the popmail-file
- Force ARPA-net date-format the FTP-welcome message
- Introduce FTP-commands 'ascii' and 'binary'
- Return mail that has no hostname for destination
- Support 'ftext3 [<text>]' and 'ftext4 [<text>]' commands
- Terminate idle popmail-sessions after 127 retries
- Use ARPA-net date-format to calculate the age of outgoing mail
- NET/Mac does NOT support the new Buckmaster CD-ROM's HAMCALL database yet... I am trying to convince Buckmaster that I need the new data-encryption-method, but as of yet they are not ready to release a description of the encoding-algorithm...
The old CD-ROM's remain fully supported...

This version obsoletes all versions of info-mac/comm/radio-net-mac in the Sumex-Aim.stanford.edu (and it's mirror-) archives.

The new NET/Mac has (hopefully) been uploaded to:

- oak.oakland.edu, to the directory /pub/hamradio/mac/digital
- ftp.ucsd.edu, to directory /hamradio/packet/tcpip/incoming.
If it's not there (anymore), then look at /hamradio/packet/tcpip/mac.
- hamster.business.uwo.ca, to directory /pub/amsoft

NET/Mac includes interactive HELP if you are just starting out. I also include a TCP.FAQ (Frequently Asked Questions) that even includes names and addresses of regional gurus and a "by the numbers" list of what you do to get operational.

Send me (1) one formatted disk and a *self addressed and *stamped disk mailer marked TCP/IP... 800k or 1.4 Meg disks are OK but they MUST be formatted.

73,

\/
John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive America On Line: jseney@aol.com

Manchester, NH 03103-6150 AX.25 Pkt: wd1v@wb1dsw.nh.usa.na
(H) 603-668-1096 Ampernet: wd1v@wd1v.ampr.org
Source for Free Macintosh Amateur Radio Test Simulators
\/
LeCroy Sales Engineering - Maine, New Hampshire, and Northeastern Massachusetts
(O) 800-553-2769 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

All opinions are my own, including Digital Storage Scope.FAQ

To obtain the latest copy automatically, simply send me an EMAIL with "subscribe scope.faq" in the subject field.
or: http://beam.slac.stanford.edu/www/library/w3/dso.html
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1934. The Unlicensed Purchaser

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <12869.12.uupcb@totrbbs.radio.org>
Source record: 212472

HS>ON THE OTHER HAND... I have been reading the posts occasionally,
HS>because I do like reading a debate that is being handled with
HS>care and respect for eachother. In most cases, this has been the case
HS>here, although, as we are all people, there are others who must
HS>abuse the language and other people simply because they are
HS>having a "bad hair day". That part's sad. Not a good image to
HS>people who are thinking about joining this mostly fun hobby.

Harry, it always makes my day to read kind warm words like the ones you wrote here. Thank you. I do admit to becoming involved to the point where I might forget a couple of things like I'm squeezing people for standing room. I enjoy it too, because I meet people like you and Jack, and Ken and Gary, and everybody else. Wish we could all get together for a group meeting one day, except I think that I am learning that we are not all in the same city ? Is that right ?

73 !

Steve

. OLX 2.1 TD . Chicken heads are the chief food of captive alligators.
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA
Phone: +1 770 921-8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

1935. Need Info on RF 675 Antenna Coupler

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: visions@news.gate.net
Message-ID: <436pu7$161g@navajo.gate.net>
Source record: 212473

I am looking for any information (a manual, manufacturers address
or telephone number, specs) on a small roller inductor antenna
coupler from a company called RF Communications, Inc. The
unit is an RF 675 Antenna Coupler. Any info would be appreciated.

Ray

--

Ray Johnston (visions@gate.net) Boca Raton FL USA

1936. For Sale: Dual band handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: leat@goodnet.com
Message-ID: <DEuJ6K.2xM@goodnet.com>
Source record: 212474
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swap,rec.ham-radio.swap

For sale:

Icom W21AT 2m/70cm dual band handheld. Hardly used (battery has been charged less than 8 times). Excellent condition. 13 months old.

All original packaging, manuals, etc. Registration cards have not been sent in (for what that's worth ;-).

I want a measly $329 for it.

email to:
leat@goodnet.com

Thanks!
Thomas Lea
leat@goodnet.com
KC7FPW

1937. HP Model 1707B Oscilloscope Outputs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: ranecurl@engin.umich.edu
Message-ID: <4374v6$4ff@srvr1.engin.umich.edu>
Source record: 212475

What signal appears at the "Main Gate Output" of this 'scope? I have the manual, but I could not find the description. What I would really like is a (sine wave) output at the sweep frequency, but I don't think this is available (but hope I'm wrong!). Thanks!

Rane L. Curl n8reg

1938. WTB: RDF/direction finding equip/parts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: fishern3485@cobra.uni.edu
Message-ID: <1995Sep13.125431.48794@cobra.uni.edu>
Source record: 212476

I'm trying some new ideas in RFD and need some difficult-to-find
electronics...

selsyn/synchro pair, 60 cycle, 120vac.

sin/cos potentiometers, or sin/cos rom or eprom

A/D and D/A converter ICs, at least 7 lines of binary (128 count)

360deg (no stops) potentiometers, with tapering in at least 350deg
of the rotation

Also interested in used/broken/other misc direction-finding gear
you might have laying around the shack... (L-pers, SuperDFs, etc)
Any freq range OK, I'm trying to learn more than apply.
(although would like to see something for 10m OTHER THAN a loop)

THANKS!

--
Nathan Fisher
N0ZYC
FISHERN3485@COBRA.UNI.EDU

1939. WEFAX downconverter For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: tkreyche@well.sf.ca.us
Message-ID: <437bbr$car@nkosi.well.com>
Source record: 212477
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.equipment

WEFAX Downconverter For Sale
Microcomm Model RX-1691, microstripline design
4" x 8" x 2.5"
Ampilifies and filters incoming 1.7 GHz satellite signal
before heterodyning to 137 MHz region.
Unit is about 10 years old but works perfectly, has been
unused for about 5 years since I moved into apartments!
Includes comprehensive manaul, circuit diagrams, etc.
Cost new was about $800, reasonable offer accepted.
Can fax detailed spec sheet.
Reply to tkreyche@well.com or call 206-726-9838.

1940. Looking for Novell trade!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: darryl.linkow@ledge.com
Message-ID: <8B10231.01B4002C19.uuout@ledge.com>
Source record: 212478

Hello all and thanks for reading this. A couple of weeks ago I was negotiating a trade for an Icom 2 Meter All-Mode rig. The person who had the rig was interested in the Novell NetWare 4.02 that I have in trade for his radio and we are amidst negotiating when I didn't hear back from him. If you are that person, please Email me and let's put together a trade.
Regards,
Darryl Linkow KE6IHA
Email: darryl.linkow@grinder.com
OR
darryl.linkow@ledge.com

---
* OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PDT

1941. Re: Kenwood uses false advert

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <437jge$7vl@giga.bga.com>
Source record: 212479

What is your vested interest in selling ham gear to non-licnsed people?
Are you making money off it right now?
If the law was changed (no longer illegal), would you make alot more money?

1942. Re: Comments on TM-255A 2m multi-mode?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: droznar@best.com
Message-ID: <437j64$l2f@shellx.best.com>
Source record: 212480

jgozzo@mitre.org (James S. Gozzo) wrote:

>Anybody have any comments on this rig? I've already read the QST review a
>few months back and am seriously considering $helling out $ome ca$h.
>Tks es 73
>Jim, WG1Y

Jim, I have had mine for 6 months now and like it a lot. I especially like the tunable memory. Even if you are in memory mode and select a channel, the big knob lets you start tuning! It is very good on AO-13 (recieve) and drives my amp to 225 watts!! Only complaint so far...why the hell couldn't Kenwood just give you the special mini-din plug with the rig? You MUST use this with an amp on ssb or the relay (in the amp) will drive you crazy! I found a surplus place here that had them for $0.99, I think.

P.S. NO, the Radio Shack DIN will not work, it is not a mini-din.

73 Dave W6TGE (ex-K1NBW)

==========
Dave Roznar - W6TGE

Saratoga, CA

email droznar@best.com

Web-site http://www.best.com/~droznar
==========

1943. Kenwood uses false advert

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HV837TKL2Q00DF8E@uthscsa.edu>
Source record: 212481

steve.sims@totrbbs.radio.org (Steve Sims) WRITES:
-MK>Yes there is... It is legal for an Amateur Radio operator to use
-MK>and possess an external power amplifier that will operate between
-MK>22MHz and 30MHz. It is illegal for non-licensed individuals
-MK>to use or _POSSESS_ such a device. It is therefore illegal to
<snip>
-Note that the range is in the CB band. I think what Gary was talking
-about was the issue, *amateur* radio equipment. Boy also, note that the
-frequency range does not include a ham band, ...

Wrong Steve. The range 22-30 MHz contains TWO, count 'em, TWO
Amateur Radio bands. 17 meters, 24.890 - 24.990 MHz and 10 meters
28.000 to 29.700 MHz. The CB band is from 26.965 to 27.405 MHz, right
between them.

-
-MK> - ...Restricting sales to amateurs only is equivalent
-MK> -to limiting service in a resturant to whites only.
-
-MK>No it isn't.
-MK>One might say that it is just like having a "men only"
-MK>restroom or "women only" healthclubs.
-
-Yes and no. First of all, blacks can't change to whites, nor can we
-make the mistake of thinking that even if they could that it should be
-considered a prudent action. However, a non-licensed person can change
-to a licensed person and it is seen to be an honorable goal to have
-attained. ...

-Second, I know of no general complaint over the men/women
-restroom segregation. (I thought personal privacy drove that issue!)

I don't know about your area but down here (Texas) we have rodeos
and such at a large coliseum. EVERY year many women are arrested
for attempting to use the men's restroom but never the reverse.
Generally it is because they get tired of waiting in line.....

-MK>_Sex discriminating._
-MK>Just as it is legal for business to give
-"senior citizen discounts."
-
-First, when the law refers to discrimination, either it specifies the
-type discrimination mean't, or it is up to the interpretation of the
-courts. I don't think too many people have seriously contested the
-issue. And I know of no general complaints. I thought that the fact
-that the elderly are known to have to deal with the 'fixed income'

-problem drove that issue. Hence, it might really be 'illegal' so to
-speak (or lets say 'of undetermined legality'), but who cares ? I am
-certain that if it was contested, that it would become legal at that
-time for the simple fact that it isn't seen to hurt on the whole;
-rather, it is seen to help on the whole.

These (restrooms and such) discriminations were ruled as legal
by the US Supreme Court because they were not malicious
discrimination. This also covers the senior citizen discounts.
BTW, most of us are on a "fixed income." We can't say "well, I
think I'll make $1000 more this month." (Salesmen excepted.)

This has nothing to do with whether or not a business has the "right"
to sell or not sell to a particular person or group as long as it
is not what is legally called "malicious discrimination." Not selling
equipment that requires a license to use to people who do not have
a license to use it is not malicious discrimination. I would be
willing to bet that this business that refuses to sell equipment to
"non-hams" would be glad to sell them any receivers or accessories
that do not include transmitters or transceivers. Just as it is illegal
to sell dynamite to a person/company that doesn't have a license
to use it. Just as most car dealers will not sell a car to a person who
doesn't have a driver's license. These are safety issues and an
entirely different subject. I'm sure that safety has little to do with
the reason that this company wishes not to sell to non-hams.
Now, if this business was refusing to sell to _black_ non-hams or
women non-hams, etc. while selling to _white male_ non-hams
then it would be considered malicious discrimination and would be
illegal.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

1944. Re: license renewal?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: d014702c@dcfreenet.seflin.lib.fl.us
Message-ID: <437j04$91q@bcfreenet.seflin.lib.fl.us>
Source record: 212482

Distribution:

call your local FCC office and ask them to mail you a renewal form.

peterg4@ibm.net wrote:
: I have not been active in years, but am getting interested again.

: However, I have just realized that my license expired last December.

: Does anyone know how I might renew it?

: Thanks!

--

Joe Palomino
d014702c@dcfreenet.seflin.lib.fl.us

1945. Enough of...Re: Kenwood uses false advert

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: John Culliton <jcullit@exis.net>
Message-ID: <437lv8$evv@grouper.Exis.Net>
Source record: 212483

If the subject of a news article changes to point where posters are asking "what does this have to do with...", please change the name of the subject to reflect the topic to which you are discussing. 73 John WF7B, not 73's - Best Wisheses!

1946. FT-51R battery monitor during Xmit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: tlewis@dfw.net
Message-ID: <437s1a$hia@dfw.net>
Source record: 212484

Subject: Monitoring battery voltage during transmit - Yaesu FT-51R.

A while back, there were several messages on Internet indicating problems with monitoring the battery voltage while transmitting. Today, I had a very enjoyable conversation with one of the Yaesu Technicians in California and discovered you CAN monitor the battery voltage while transmitting.

Step 1 Be sure both bands are selected "ON" (frequencies displayed on both sides).

Step 2 Select desired band and frequency to transmit.

Step 3 Push the Sub-Op button once (three tones will be heard and the Main Channel indicator will flash on the non-transmit band).

Step 4 Push the function button.

Step 5 Within 5 seconds - push the SET/0 key.

Step 6 Select BATTERY VOLTAGE (function 25).

You are now able to monitor the battery voltage while transmitting :)

Note:

Battery voltage will be displayed while transmitting and receiving.

Transmit and receive frequencies will not be displayed.

The BATTERY VOLTAGE message will scroll across the display.

To exit battery monitor during transmit, simply press the SET/0 key.

73!
Tom Lewis
AB5CK Dopplers

1947. Re: Need Advice: Best PC for

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: dkelly@iquest.com
Message-ID: <dkelly-1309951950010001@dkelly.iquest.com>
Source record: 212485

In article <93.5499.7583.0NFBB121@woodybbs.com>,
clint.bradford@woodybbs.com (Clint Bradford) wrote:

> Subject: Need Advice: Best PC for HF digital?
>
> >>I want to buy a PC...486's seem pretty reasonable now...
>
> PLEASE spend an additional $100. and get a Pentium. The 486 will very
> soon be antiquated, unfortunately.

If its only $100 difference, maybe I agree. On the other hand there is not that much difference between a 386 and a 486 and a 586 that there is any software that does not run on all of them. On the other hand there is a wide range of quality of motherboards for PC clones, name brands are not always the best.

For motherboard selection, hang around the FreeBSD and Linux users and see what works there. The junk breaks quickly under those operating systems.

Base your decision between 386, 486, and 586 on performance vs. price. Make the salesman earn his commision by proving the system will run FreeBSD, Linux, OS/2, and Win95. You don't want to find out after the fact how good any "comaptiblilty" warranty is.

Personally I prefer my PowerPC-based Macintosh 8100/80, but also have a 486DX33 running FreeBSD right next to it.

And because the original specific question was for a machine to support HF digital modes, the questor should drag his HF rig into the store with a dummy load and search for computers that don't emit tons of garbage and also maintain a stable video screen when the rig is keyed at 100W or so.

Hint hint: Macintosh's are good at the above test. On the down side you can not put a Clover (or similar) card in a Mac.

73,
--
David Kelly N4HHE, n4hhe@amsat.org, dkelly@iquest.com
==
The human mind ordinarily operates at only ten percent of its
capacity -- the rest is overhead for the operating system.

1948. Help with Pace Landmaster

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: hallum@ih4ehwj.ih.att.com
Message-ID: <DEuwqv.IMJ@ssbunews.ih.att.com>
Source record: 212486

I recently acquired a Pace Landmaster II Model 30P mobile rig, manufactured by Pathcom, Inc., and have had no luck in tracking down the maker.

The radio appears to have PROM-controlled frequencies that I would like to change. Trouble is, I don't have any leads on how to go about this.

If anyone out there has can give me guidance on how to contact the manufacturer, or can provide a source for literature or PROM programming information, I'd truly appreciate it. Thanks for your help.
-- Roger Hallum

1949. New home page for Radio City, Inc.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: kirby@skypoint.com
Message-ID: <435m13$o4f@stratus.skypoint.net>
Source record: 212487

We have changed our Web page address:

Old location: http://www.radiocity.com/

New Location: http://www.radioinc.com/

Check out the new on-line catalog that you can FTP your own copy!!

73's

Kirby KA0ZTS

1950. SGC (SG-2000) should I buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: helmsman1@aol.com
Message-ID: <435r9n$ajb@newsbf02.news.aol.com>
Source record: 212488

Hi,

Need information about an SGC (SG-2000) transceiver for <= 30 mhz Ham and marine SSB.

Is this a good unit?
Is it adequate for Ham use?

Is it a legal unit?

Thanks.

Helmsman1

1951. FS: Kenwood TS50

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: hankbeis@ix.netcom.com
Message-ID: <435l86$br2@ixnews4.ix.netcom.com>
Source record: 212489

I have a Kenwood TS50 with optional mobile mounting bracket, manuals
etc. for sale. It is in excellent condition.
$900 includes UPS shipping. Send email to hankbeis@ix.netcom.com
Hank KA6B

1952. WTB: New or Used 6550/KT88's

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: beard@acca.nmsu.edu
Message-ID: <437lp7$egt@bubba.NMSU.Edu>
Source record: 212490

I am looking for some 6550's or KT88's for my stereo amplifier.
If you have any used or new ones that are U.S. made (no Chinese tubes)
I am interested in 8 or 10 of them or what ever you have.
Thanks in advance...
David Beard
WA4QGA
(915)566-3525

1953. Military UHF Antenna for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: zaax@aol.com
Message-ID: <436ll5$fqq@newsbf02.news.aol.com>
Source record: 212491

I have an antenna made for the U.S. military for sale. It is a vertical dipole
configuration and covers 225-400 MHz. It is approx 2 1/2 inches across and
9 1/2 inshes high and made of aluminum. It has an N connector and an attached
mounting bracket. Also, it is waterproof. The desigantion is AT-803/VR. It was
manufactured by Bird Electronics (of wattmeter fame)> I am asking $80.00 for
this unique item. Anyone into mil freqs on UHF will appreciate this antenna.

73 Zack Schindler, N8FNR, 413 Vester, Ferndale, MI, 48220-1955
Phone (810) 541-1740

1954. CATCC Press Release #2

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-13 00:00:00 UTC
From: steve.hajducek@bytewise.org
Message-ID: <127.3816.27@bytewise.org>
Source record: 212492

Subject: CAT Control Center (CATCC) Press Release #2
Date : 1995 - Wed. Sept. 13 20:27 Local/ Thur. Sept. 14 00:27 Zulu
From : Steve Hajducek, N2CKH

The response to monday's press release on CATCC has been truly overwhelming. I did not expect so many would read and reply so rapidly. Apparently the lack of really good (and inexpensive) CAT software is more of an issue that I had relized.

There were so many questionss that I will only answer a few key ones here:

Does your software exist or is it planned ?

CATCC does exist, it is currently in the final stages of beta testing by a number users.

Is CATCC a DOS or Windows program ?

CATCC been developed as an event driven MS-Windows application.

What radio does it support ?

The current baseline supports all current and most recent manufactur Yaesu F.F. cat radios and has been tested using the Yaesu FT-840, FT-890, FT-990, FT-1000 and FT-736R radios.

Does your program work with Kenwood radios ?

Sample programs to prove the Kenwood code have been written and tested on TS-440S/AT, TS450S/AT and TS-850S/AT radios to date, and is currently being integerated into the CATCC baseline.

Does CATCC support the FT-1000MP ?

I have no imformation on the brand new Yaesu FT-1000MP (or for that matter the new Kenwood TS-870S) however, unless there has been major changes or new control features added it should work just fine. Any added capabilities that the FT-1000MP may have over the bus will be integrated when I have the needed data.

Will CATCC support all Yaesu radios or is a separate program needed for each model ?

It was originally planned for CATCC versions for the various makes of radios to be created, one for Yaesu, another for Kenwood, etc., since the program so closely interfaces with the CAT transceiver. However, it has been decided to make one application for all radios. The first version of CATCC to be

released will support Yaesu and Kenwood. The user simply selects the model radio to be controlled. One H.F. radio and one VHF (or H.F. radio with transverter) can be controlled simultaneously.

How does logging work with your program, is it fully automated ?

There are two modes or logging, Full and Fast modes. With fast mode, all that need be done is grab the spot and click on Log. Fast mode however, is only usable when logging from a radio that provides all the required information. For VHF operations, Full logging must be used for most radios. In Full logging, what ever information can be read from the radio (if any) is and you fill in the rest. Full mode also allows the user to enter other information, such as QSL route or Grid Square, etc.

Does your program show every spot, like all the repeats that make another spot scroll off the screen before you can even use it ?

CATCC has two windows that pertain to the VHF packet dx-cluster. The main windows shows all activitity, while the spot window only shows the (1,000) most recent spots. An internal queue is also maintained on the last 30 new spots, no repeats will be placed in the spot window until it surpasses the last 30 unique new spots. A spot of N2CKH on 14195 and N2CKH on 14027 would both show up at the same time, but not if they are on the same frequency.

Your screen display shows hf and 6 meter spots, how does that work with the radios ?

If you have both an hf and vhf radio configured or two hf radios, one in use as the vhf with a transverter, than the vhf spot is sent tp the radio selected for vhf, either as the direct frequency or a 10 meter frequency for transverter use.

Does CATCC provide support for SWL operations ?

The CATCC software is designed for maximum control and operation of an Amateur Radio station. It was not designed to address the specific requirements on an SWL station. Another software project is in the works that addresses specific SWL requirements, it is not sheduled to appear until early 1996 however. It will provide support for all the Amateur transceivers with general coverage recieve (few don't these days) and the latest shortware receivers that have computer control support. Both a shareware/trial and full commercial version will be avaialable.

As previously announced:

The CATCCjr, the shareware/trial version of CATCC will become
available on September 28, 1995. It is NOT being made available
now.

What IS AVAILABLE NOW is the CATCC_PR.ZIP archive. CATCC_PR.ZIP
contains additional information on CATCC, including captured screen
displays in the form of .BMP files of the software in operation.
Also included are sample programs that WILL provide basic control
of both Yaesu and Kenwood CAT transceivers and a stand alone beta
version of the Accu-Rotor(tm) module.

The CATCC_PR.ZIP file is 921,295 bytes in size.

CATCC_PR.ZIP has been placed on the following ftp sites to date:

ftp.qrz.com
ftp.demon.co.uk

On or prior to September 28th, the CATCCjr software will be placed
on the ByteWise BBS and various FTP sites for downloading as
CATCCjr1.ZIP, CATCCjr2.ZIP, CATCCjr3.ZIP and CATCCjr4.ZIP. Each file
will be under 1MB in size (exact sizes will be posted). After the
files have been successfully transfered to all ftp sites, a message
listing all sites will be sent via e-mail.

Again, it must be stated that the CATCCjr version of CATCC is
basically a stripped down beta version of the full commercial version.
It is being made available to allow potential users of CATCC a method
to sample some of the latest features and comment on the software
during its final stages of production prior to purchase.

CATCCjr is NOT a supported product, it is not a complete product, it
is only a trial version. However, should it meet the users needs, it
can be used forever without any registration. However, CATCCjr will
remain the copyrighted property of N2CKH.

Unlike other CAT programs floating around, CATCC features full control
of a CATCC transceiver, NOT just frequency and mode control. Furthermore
it actually sets the frequency and mode correctly and by the way and
also reads information back from the CAT transceiver correctly too!

CATCC supports all bus commands that are meaningful, and does so
correctly. We support electronic tuning in a number or ways manually,
including clarifier adjustments (when supported). Filter selections on
the FT-990 and FT1000 and sub vfo operation on the FT-1000 is also
supported.

CATCC provides innovative features, some of which we will now briefly
describe as was requested by many e-mail messages.

AutoMode(tm) -

When enabled, will correctly select the default mode of the radio for the given frequency just tuned to in accordance with the ARRL band plan. Such that on 14000khz the rig would be set to CW, while on 14071khz RTTY would be selected and on 14096khz Packet and on 14196khz USB. For radios such as the FT-840 and FT-890, LSB would be selected in lieu of RTTY or Packet modes supported by the FT-990 and FT-1000.

AutoGrab(tm) -

When enabled, depending on modes of DX-Filer or All Spots, working in conjunction with AutoMode, as spots comes accross packet, your radio will follow the action, changing frequency and mode. This is fully hands off tuning operation. (NOTE: my beta testers love it, even though I thought of it, I just find it amusing.)

Band-Watch(tm) -

Allows the user to set one or more bands (1.8-1200Mhz) to be monitored for any DX Cluster spots and sounds audible alarm.

DX-Graph(tm) -

Graphically plots all DX-Cluster activity from 160 meters on up by a single band or range of bands. Provides various type of charts including Bar, Pie and Line.

DX-Filters(tm) -

Provides entry of up to 20 (seems reasonable number could be larger) DX prefixes or full callsigns to montior for and provide audbile alert when DX spot match is found. A user created default file is loaded at each program startup if it exists. The user can load a DX-Filter file, edit and save on the fly. If a DX-Filter file exists for the given date (created using DX-Calendar) it will be loaded instead of the default. Also, while the program is running, at Zulu day breaks, the system while check for a new file.

DX-Calendar(tm) -

Used to create and maintain DX-Filter files in advance. This is a pre-planning toll to ensure that you never miss that DX-Expedition again that you forgot about after reading in The DX Bulletin or else where.

DX-Sleuth(tm) -

To catch a the elusive rare one. This tool montiors cluster activity and notes every occurance of the particular callsign or prefix entered by date, time and frequency (mode determined by frequency). Then allows provides an analysis of this information to help determine a pattern that will predict the best day/time, frequency and mode to work'em.

Accu-Rotor(tm) -

Provides for automatic rotor control of a Hy-Gain DCU-1 rotor systeem. It provides for manual direct entry of 0-360 degrees, presets, bearing from Callsign/Prefix entry, Grid Square Entry or Latitude/Longitude entry. Optionally, when enabled, Accu-Rotor will automatically calculate the bearing and start rotation when a DX spot is selected from the spot window.

None of this really compares to seeing CATCC in action, although that requires waiting until September 28th for the release of CATCCjr, the captured screens in CATCC_PR.ZIP do provide a peek at the look of the software.

```
=========================================================================
| |
| Pricing for CATCC has been set at $49.95 U.S. (plus $10 U.S. |
| for the bound user's manual) plus 6% N.J. state sales tax (and |
| $7 U.S. shipping and handling within the U.S. and $15 all other |
| locations). All shipping within the U.S. will be by U.S. Priority |
| Mail. A tenative shipping date has been set for the first week of |
| November, 1995. Orders will be shipped in the order received, |
| payment in U.S. funds by U.S. bank check or U.S. Post Office |
| money orders. Cash will be accepted, however, cash orders are NOT |
| recommended, especially from overseas. |
| |
=========================================================================
```

I will continue to post information on the development of CATCC and its availability. Please forward all comments, suggestions and questions by e-mail.

For additional information on CATCC call the Bytewise BBS and download CATCC_PR.ZIP or send e-mail to info@bytewise.org

/s/ Steve Hajducek, N2CKH

```
=========================================================================
ByteWise(tm) BBS - 1-908-363-2760 - Dedicated to Amateur Radio
Serving Central New Jersey and The World since 1988

SYSOP: Steve Hajducek, N2CKH

Over 4 GB of files covering Amateur Radio, Astronomy, Science, Space,
Geneology, Games and dozens of other subjects. Internet e-mail and
Newsgroups, with all Amateur and dozens of other newsgroups available
to all callers from the first call.
=========================================================================
```

1955. DSP-9 and DSP 59 Plus

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: a0378@freenet.uni-bayreuth.DE
Message-ID: <9509141256.AA27064@btr0x7.hrz.uni-bayreuth.de>
Source record: 212402

Hi folks,

I'm gonna buy me a timewave DSP 9 or DSP 59 Plus. What is your experience with that gear?? Where to get the cheapest caught/store iin USA?

73's DL6RDE/AA1KD, Charlie

1956. ICOM 736 pl tone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: edwardl934@aol.com
Message-ID: <4399a5$eub@newsbf02.news.aol.com>
Source record: 212403

I have a icom 736 with a ut-30 tone encoder unit. I now have a communications specialists te-64 universial encoder I would like to install in its place. Has any done this ' and could you tell me how to wire it to the icom.
73 ED KE6KEP

1957. Yaesu FT-530 NICAD battery pack...HOW TO OPEN?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: orbelld@pcbe.edu.on.ca
Message-ID: <orbelld-1409950910420001@204.41.1.203>
Source record: 212404

From the informative messages in this forum, I've come to the conclusion that I've got a bad cell in my NICAD 7.2 volt battery pack.

Has anyone had any experience in opeing the battery packs from a FT-530? Can it be done in such a way, so that you can get it back together..... so that it will still attach properly to the FT-530?

I've noticed a "third party" 12 volt cells for the Yaesu FT-530 by Periphex, for a more reasonable price..about 30% cheaper. Has anyone ever tried this product?

Dave
VE3RRN

1958. RE: AZ61 MOD

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: jmp@ipctech.com
Message-ID: <jmp-1409951034360001@shipping.ipctech.com>
Source record: 212405

Chris, sorry, I do not have the mod on the AZ61, but I have been looking for awhile. If you would make a note of my email address and let me know if you find it, I would appreciate it. I too tried a few combinations of the jumper pad configs. I got results such as the recieving spectrum shifting up or down. After about 5 or 6 stabs, I gave up until such time as I had a firm solution for the mod. Good luck in finding it. I like my rig a lot except for the programming end of it. 73's. John, KO4MY, Richmond, Va
"jmp@ipctech.com"

--
John Pendergraft
jmp@ipctech.com

1959. FS: Radio Shack HTX-404 440 MHz HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: rossi@VFL.Paramax.COM
Message-ID: <1995Sep14.144723.20648@VFL.Paramax.COM>
Source record: 212406

RS HTX-404 440 MHz HT for sale --- Works and looks like new

includes...
standard NiCad battery pack (good condition)
standard antenna
belt clip
wall charger
cigarette lighter cord
manual

$170 + UPS COD shipping

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)
Valley Forge Engineering Center - Paoli, Pennsylvania

1960. Re: Nicads no! Lithium Metal Hydride best!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <439eov$lgf@hg.oro.net>
Source record: 212407

bluospry@ix.netcom.com (Robert Arnold) wrote:

>While Nicad batteries have been the standard in HTs the new Lithium
>metal hydrides are superior. For example a standard AA Nicad is 500
>ma, a high capacity Nicad 850 ma and a Li Metal Hydride AA is 1200 ma.
>"AA"s and "A"s maybe obtained from Tower Hobbies (they have an 800
>number). 73s

And a Ray-O-Vac rechargeable alkaline is 1400 mAh. To boot, the nicad
is about $2, the LiMH is about $4, and the alkaline is about 50¢. To
top it off, nicad and LiMH are hazardous waste when they poop out
(heavy metals and all) and the alkaline is not.

No, I don't work for Ray-O-Vac, but I DID write an article to be in
the January issue of Kitplanes on the subject and I did do my
homework.

Jim

Jim Weir VP Engineering | "We seem to be standing on
RST Engineering | the foreskin of technology."
Grass Valley CA 95945 | (Gen Chuck Yeager)
voice/fax 916/272-1432 |
rst-engr@oro.net ARS WB6BHI CFI A&G / Comml Inst A&G / A&P / C-182A N73CQ

1961. Re: 220/440 radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: mmusick@talx.com
Message-ID: <mmusick-1409950952100001@198.102.74.50>
Source record: 212408

> Does anyone know of a 220/440 dual band radio? I don't care if it is mobile
> or handheld.
>
> I may be stuck buying a Kenwood 742a...

You are stuck buying a 742A. This dual band combination is not one the importers have seen fit to support. You can get 2m/440, 2m/220 (Icom V21 and Standard C228A), and 440/1200 (Icom X2A, X21A and Standard C628A) combinations. The worldwide demand for combinations *with* 220 and *without* 2m is extremely small and I can't blame the manufacturers for not having it.

Probably the only reason there are 440/1200 combinations is that this is a popular pairing in "the home market".
...mm

==========
Mike Musick/N0QBF 71301.3106@compuserve.com

NOTE: Due to mail server problems, do not respond to talx.com address.

1962. WANTED: Uniden President HR2600 mod info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: Timo Kolehmainen <timo.kolehmainen@nmp.nokia.com>
Message-ID: <439enl$7jj@ns.nmp.nokia.com>
Source record: 212409

I own that HR2600 rig, and I have seen mods for it in recent QST, but I haven't
seen any for the HR2510...

I'd like to use that 10m rig
for 70 cm transverter use. I need to extend the frequency coverage from the
current 28MHz..29.7MHz to be able to use the full 70cm band. I also need
to adjust the power down to few dBm0s for the transverter, alternatively I
could connect to a point before the PA and disable the PA if I knew how.
Any pointers to service manual or modification info is greatly appreciated.
--
Timo Kolehmainen OH8MBP
tel. +358 10 505 6299
fax. +358 10 505 6666, email: timo.kolehmainen@nmp.nokia.com

1963. Help with Kenwood TH-78A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: nitinn@acsu.buffalo.edu
Message-ID: <439gdk$q5n@azure.acsu.buffalo.edu>
Source record: 212410

I was wondering if somebody out there could help me out. I have the Kenwood TH-78A and when I was using it the other day I noticed that something was wrong with it. I can't hear anything from the left side freq. display. I know that the radio is receiving the signal because the meter goes up, but I don't hear any sound. I checked everything, as far as where each side is going to whether it is the speaker or the speaker-mic, and everything else that I could think of, but I couldn't find out what was wrong w
ith it. The radio is only about 13 months old and I need to get this fixed. Any help that anybody out there could provide would be greatly appreciated.

Nitin Natarajan
N1GSK
nitinn@acsu.buffalo.edu

1964. RC-1000 Repeater Controller???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: Btenison@cris.com
Message-ID: <439hqp$9fs@warp.cris.com>
Source record: 212411

Hi All! We're trying to get our club off the ground here in south Alabama (North Baldwin ARC) and are interested in upgrading our local repeater. At this point, we don't have a lot of money to spend on a controller, but have been looking at a controller marketed by Micro Computer Concepts in New Port Richey, Florida. It's called the RC-1000. Basically, I wanted to know if there is anyone out there using these and if so, what you think of them. I'd like to get a little information before we sink almost all of our money into one :)
Tnx and 73!
Bruce (KE4NJB)

--

==========
| Bruce Tenison |
|Internet: btenison@cris.com or maf00267@ns1.maf.mobile.al.us |
| ax.25: ke4njb@w4iax.#mobal.al.us |
| or ke4njb%bbs.ke4njb.ampr.org@maf.wa4wbi.ampr.org |
==========

1965. Re: Yaesu Ft-8500 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: manfred_wecke <manfred_wecke@mitel.com>
Message-ID: <439jcv$rd7@mitel.mitel.com>
Source record: 212412

Hi Bob,

I am just about to order one for voice and 9600 packet use.
I am ordering from a catalog and haven't had a chance to get
some personal input from someone that actually owns one.
The local store doesn't have it and it is also cheaper to import
from the US directly. How easy/difficult is it to operate from
the mic/controller. Is it difficult to use? I know of some fellow
hams in the local club who have stickers attached to their HT's
to remeber some of the programming sequences...
Any input is greatly appreciated!

Tnx,
Manfred
--


```
_____ Manfred Wecke
___/___ VE3IHP
____/_____ LAN/WAN Specialist
^
|/|
|\| Disclaimer: My opinions are my own!
|/|
|\| compuserve: 72302,1731 __o
|/| internet: manfred_wecke@Mitel.COM _`\<,_
|\| tel: (613)592-2122 x4580 fax: (613)592-4784 (_)/ (_)
```

1966. 2 or 3kw tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: syscom@hinet.net
Message-ID: <439s1j$a1m@serv.hinet.net>
Source record: 212413

I would like looking for 2 or 3kw antenna tuner!
if you want to sale, let me know!

de
Randson Huang/BV2DQ
syscom@pc2.hinet.net
+886-2-571-7686 , Fax:522-1252
P.O BOX:10983 TAIPEI, TAIWAN

1967. Re: Nicads no! Lithium Metal Hydride best!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDEwrnH.JCw@netcom.com>
Source record: 212414

In article <439eov$lgf@hg.oro.net> rst-engr@oro.net (Jim Weir) writes:
>bluospry@ix.netcom.com (Robert Arnold) wrote:
>
>>While Nicad batteries have been the standard in HTs the new Lithium
>
>And a Ray-O-Vac rechargeable alkaline is 1400 mAh. To boot, the nicad

Yes, however, that delivery is only at a very low current drain level.
As you increase current drain the Ray-O-Vac capacity drops markely.
I've found they Ray-O-Vac is great for a receiver, but not so hot for
something involving transmitting. They (Ray-O-Vac) publish some good
application notes on the products (just call them at the address/number
on the product's package).

73 Dave WB0GAZ dgf@netcom.com

1968. Re: Simplex Repeater -- Questionnaire

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: jrlewis@dconcepts.com
Message-ID: <jrlewis.13.001C07A6@dconcepts.com>
Source record: 212415

In article <439b4g$fe1@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>From: w8jitom@aol.com (W8JI Tom)
>Subject: Re: Simplex Repeater -- Questionnaire
>Date: 14 Sep 1995 09:36:16 -0400

>Marketing on internet sucks.

Get a clue..... the internet is changing. Marketing is what is making
the internet interesting. (i.e. WWW)

Brief rant:
I want more kits and plans for amateur equipment. SMT does not scare me.
This simplex repeater in kit form sounds like a good idea. I however need/want
kits of a different nature. (direction finding). I hope more companies decide
to MARKET some designs and advertise them HERE where it is cheaper, thus less
cost is passed on to me.

John, N0YPR

1969. Re: NICAD voltage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep14.180800.17588@ke4zv.atl.ga.us>
Source record: 212416

In article <435iab$m67@parsifal.nando.net> packrich@nando.net writes:
>In <orbelld-1209951027330001@204.41.1.203>, orbelld@pcbe.edu.on.ca (David Orbell) writes:
>>summarized, NICAD with low output.
>>Dave
>>VE3RRN
>Dave, not to go into a long dissertation on NICADS, but, yes there is
>hope in your case. What essentially happens that causes the problem you
>see is called a shorted cell. If you took the battery pack apart and
>checked each of the cells, you would find one that has no output. If
>the cell is not in too bad shape, while it is apart, no need to
>disconnect the cells, (usually soldered), place a momentary 12 volts(or
>so) across the individual cell. look at the cell with the voltmeter, if
>it now shows 1.2volts or so you fixed it. If it still shows none, try
>it again. nothing ventured nothing gained. be carefull as there is heat
>generated by this process and the cell is subject to explode. I use a
>12 volt bench supply to do mine with. the explanation is that miniscule
>fibers grow from one pole to the other and short the cell out. Hitting
>the cell with a high amp charge will usually vaporize the fiber.

The "technical" term for this is zapping. But you shouldn't use a
heavy bench supply. To avoid the danger of explosion, you should
use a capacitor instead. One of the nice big fat "computer grade"
capacitors, of about 250,000 uf or so, will do nicely. Charge it up
on your supply. Then disconnect it from the supply and apply it across
the shorted cell. The momentary current surge should be enough to "zap"
the whisker without being enough to cause the cell to overheat or explode.

>If the
>cell is still dead after a few tries, toss it. to recharge after this
>process you should drain the entire pack of cells. just short it out,
>with a piece of wire and take the whole pack down to about 3 volt range.

DON'T DO THIS. This is one of the best ways to *ruin* a Nicad pack.
NEVER short a battery pack. The weakest cell *will* be reverse charged
by the others, and most likely ruined. If you *must* fully discharge
Nicads, do it *one cell at a time*, and at no more than the rated
discharge amperage. If you want to discharge a battery pack to a known
state, discharge it at rated current to a terminal voltage not less
than 1.0 volt per cell. Going below this point risks reversing the
weakest cell in the pack. If you *must* discharge a pack to zero,
do it *one cell at a time*. (There is sometimes reason to do this.
This will tend to equalize the cells so that they'll take charging
current more or less equally. It's not a routine practice, however,
since fully discharging a Nicad cell shortens its life dramatically
over just discharging it to the 1.0 volt level.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1970. Re: Nicads no! Lithium Metal Hydride best!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep14.181405.17682@ke4zv.atl.ga.us>
Source record: 212417

In article <438dqj$plg@ixnews7.ix.netcom.com> bluospry@ix.netcom.com (Robert Arnold) writes:
>While Nicad batteries have been the standard in HTs the new Lithium
>metal hydrides are superior. For example a standard AA Nicad is 500
>ma, a high capacity Nicad 850 ma and a Li Metal Hydride AA is 1200 ma.
>"AA"s and "A"s maybe obtained from Tower Hobbies (they have an 800
>number). 73s

I've had some problems with this type of cell self-discharging rather rapidly. If you don't use them for a couple of weeks after charging, they'll be flat when you try to use them. Nicads self-discharge too, but not nearly as rapidly. Just something to keep in mind.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1971. Re: Yaesu Ft-8500 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep14.183256.17794@ke4zv.atl.ga.us>
Source record: 212418

In article <439jcv$rd7@mitel.mitel.com> manfred_wecke <manfred_wecke@mitel.com> writes:
>I am just about to order one for voice and 9600 packet use.
>I am ordering from a catalog and haven't had a chance to get
>some personal input from someone that actually owns one.
>The local store doesn't have it and it is also cheaper to import
>from the US directly. How easy/difficult is it to operate from
>the mic/controller. Is it difficult to use? I know of some fellow
>hams in the local club who have stickers attached to their HT's
>to remeber some of the programming sequences...
>Any input is greatly appreciated!

This is one of the radios I was considering for my Jeep. I
played with one for a couple of hours, manual in hand and
salesman at my shoulder. It's confusing, and it's very easy
to accidently hit the wrong controls. For example I kept
raking off the volume or squelch when handling it. Also,
the volume knobs double as the bandswitches. They feel very
delicate, and I wondered how long they'd last. There were
some modes neither the salesman nor I could figure out.
He called factory tech support, and *they* couldn't figure
them out either.

Since, unlike the Standard that's also microphone controlled,
you still have to find a place to mount the separate display,
and pay for the remote mounting kit for that too, or find
a place to mount the entire rig where you can see the display,
having all the controls on the microphone isn't as big an
advantage as it may at first seem. The Standard has some
quirks too, but seems much more generally usable. Both
rigs *claim* to be 9600 baud ready, but I haven't tested
either to see if that's more than just advertising hype.

Note, the mike's a *big* sucker too.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

1972. Kenwood uses false advert

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HV9PMXWWLU00DNOU@uthscsa.edu>
Source record: 212419

jdb99@ix.netcom.com (jdb) writes:
-In <01HV837TKL2Q00DF8E@uthscsa.edu> MUENZLERK@uthscsa.edu (Muenzler,
-Kevin) writes:
-
->This has nothing to do with whether or not a business has the "right"
->to sell or not sell to a particular person or group as long as it
->is not what is legally called "malicious discrimination." Not selling
->equipment that requires a license to use to people who do not have
->a license to use it is not malicious discrimination.
-
-When we were sued by two individuals we refused to sell to,
-your comment is almost a "word for word" quote from the judges
-decision. We were fist sued in our local civil court, the
-case was thrown out because it did not fall in their jurisdiction.
-When it went to Federal Court this was the ruling.
-Despite the fact their is no law, a license is required for
-the use of the transmitter. This is how the court ruled. The Appeals
-court refused to hear the case, and that was that. It was not
-applealed to the Supreme court.

There are always those who try to make up civil, or otherwise,
rights to suit them. There are always those who will take existing
rights and pervert them to suit their needs. I suppose you're
business had to pay big bucks in legal fees for this one too! I'll
also be willing to bet that those two "customers" had a pro-bono
lawyer that was just itching for a civil rights fight. He was just
waiting for the judge/jury to come down on his side so that he
could collect his half of the settlement.
I was on a jury for such a suit. A person, name/sex/color deleted
to protect the ridiculous, was suing because this person was
arrested for going into the wrong restroom. This person claimed
that the exclusivity of the restrooms violated the civil rights act
of 1964. I, and many of the other jurors, were astonished that
it even came to court. I'm sure that, in your case, the Appeals
Court saw how ridiculous the case was and was just saving
you and the taxpayers lots more money.

->I would be
->willing to bet that this business that refuses to sell equipment to
->"non-hams" would be glad to sell them any receivers or accessories
->that do not include transmitters or transceivers.
-
- All the time.... When someone came in out store and wanted
-to become involved in the "HOBBY" then we spent a LOT of time
-explaining the rules and regulations and when we had classes

-and when the test schedule was etc....What we found is those
-who wanted to become hams, did what was necessary to become
-licensed to exercise that priviledge. ...

Any smart businessman who was in the business of selling
Amateur Radio equipment would be a fool to refuse to sell anything
to non-licensed individuals. Most stores will be glad to sell
any accessories that do not involve transmitting to anyone who
wants to buy them.

-Those who tryed to
-just BUY a transceiver right then and there, were not interested
-in becoming hams, but were looking for ways to "work some skip."

Exactly! These are people who will modify the rig to transmit on
11 meters. Unfortunately many hams get caught transmitting on
11 meters with their modified rigs. These are people who should
know better. Almost monthly in QST there is someone who has
been a ham for many years caught using an unapproved
piece of equipment on 11 meters. You would think that these
people would get more enjoyment out of the ham bands than
trying to punch through all of that garbage on 11 meters.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

I'm not a lawyer nor do I play one on TV. But I did watch a
couple of episodes of LA Law and Perry Mason.

1973. Subaudible tone on PCS2800 (10FM)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: webster@godzilla.gsfc.nasa.gov
Message-ID: <4398v1$8i0@post.gsfc.nasa.gov>
Source record: 212420

I have an (old, vintage 1980) Azden PCS 2800 10 meter
FM transceiver. Since many repeaters have converted
(at least in the US) to subaudible tone access, I want to
add a subaudible tone encoder to the PCS 2800. Has anyone
performed this modification? Are there any recommended
encoders that have demonstrated high reliability.
Reply by email, please. I will summarize any responses.

Will Webster, WB2TNC
webster@godzilla.gsfc.nasa.gov

1974. Any mods for IC-2SAT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: "Drouillard Michael W." <drouil2@server.uwindsor.ca>
Message-ID: <Pine.SGI.3.91.950914165020.7888B-100000@server.uwindsor.ca>
Source record: 212421

If anyone knows of modifications for the IC-2SAT can they please post them on this net or E-mail them to me at:

drouil2@server.uwindsor.ca

I apologise now if these mods have been stated before, I'm new to this particular board.

73 de VA3 MIR

Mike Drouillard

1975. help with DTMF reciever project

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: mattcrw17@aol.com
Message-ID: <43ab8n$p68@newsbf02.news.aol.com>
Source record: 212422

I would really appreciate any help or info on this project. Maybe somebody here has built something similar to this, and could E-mail me tips or schematics but do not post for my benefit because I do not frequent this group.

Okay, I need a DTMF pad hooked up to a inexpensize short range transmitter walkie-talkey, homebrew,or somthing like that. I need to have my reciever fire a relay or solenoid or something when the proper 4 digit code is entered. P.S. must be portable (DC) My problem is I have little expertise, but I could have somebody build it properly if it is too involved. Tips on where to salvage circuts from for this are also appreciated.

Thanx. E-mail me

1976. Re: Simplex Repeater -- Questionnaire

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <439b4g$fe1@newsbf02.news.aol.com>
Source record: 212423

Marketing on internet sucks.

1977. Re: Comments on TM-255A 2m multi-mode?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: davidb9608@aol.com
Message-ID: <439bej$fgf@newsbf02.news.aol.com>
Source record: 212424

I have had one for about 6 months and love it. I have a mag mount 1/4 wave on the front hood of the motorhome which I use like a car and The radio gets out very well with the forty watts on fm and lets me scan all the repeater frequencies as well as fm simplex and sideband spots. My next project is to get my sideband two meter antenna up on the motorhome so that I can do more work with that part of the radio. My only caveat is how can they call it an all mode when it does not have am. I worked a lot of six meter dx on sideband with the ts 60 all mode and a 1/4 wave vertical this summer from the motorhome. Just did not spend the time on 2 meters looking for the same.

1978. Kenwood TH79AD help.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: seguine@interval.com
Message-ID: <seguine-1409951521010001@marg.interval.com>
Source record: 212425

I performed surgery on my TH79AD and removed the two microscopic diodes at D304 & D307. According to the Artsci book and the mod at oak.oakland it should now tune from 67-174 and 400-511. Mine will only tune from 118-174 and 410 to 470. Are you suppose to cut the green wire (MARS/CAP mod) as well? Or did they change newer radios to be more restricitve?

-chris

--
Christopher Seguine seguine@interval.com
Interval Research Corporation

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

mQCPAzAyOOAAAAEEAJ6ML0YYW5jYdFNH/WBZTsgcc9T3j3aQYfX5Af/0QqM7N23E
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=ngrE
-----END PGP PUBLIC KEY BLOCK-----

1979. MODS_Kenwood_TH79A???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: "Jimmy W. Simmons" <nexus@datasync.com>
Message-ID: <438g43$21a@osh2.datasync.com>
Source record: 212426

Hi, I'm wondering if anyone has been able to modify the following
for a Kenwood TH-79A handheld. I have a friend who is interested
in monitoring 800mhz (local LE, FD, SO) is all on trunked radio and
he bought into the radio with the hope that the radio had a mod for
800mHz as well, since the fact that the radio before it TH-78A did
in fact have a mod, and might I add receives 800mHz quite well.
Second mod is for expanded RF, the radio has already been mod. once
to transmit outside of the amateur band for MARS/CAP, but is not
select enough, is there ANOTHER modification out there to allow
the radio to transmit from 140mHz to 174mHz? I know the TH-28 and
TH-78A will do this, but so far I haven't been able to find one
on the TH-79A.... thanks, please email me with any responses.

No mentions as to FCC Rules on this either, I am aware already thankyou

1980. Re: 386/16mhz work to program FT51r?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: Dean Shutt <shuttd@arco.com>
Message-ID: <DEvupB.A7y@news.arco.com>
Source record: 212427

Sure. As long as your system runs Windows the program will work. It is the greatest advance for the handheld since nicads.

73,

AL7CR

1981. Re: Kenwood TL922A HF amplifier modification

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.95Sep14105725@ds10.tekla.fi>
Source record: 212428

Many amplifiers can operate on 12 and 17 meters in the 15 meter
position. I think I have heard a couple of fellows doing exactly that
with a TL-922.

-Jari
--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

1982. Military trans and receivers FS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: kevindeal@aol.com
Message-ID: <43anqq$1al@newsbf02.news.aol.com>
Source record: 212429

The following is a list of military transimitting equipment. The BC
191's of course have 4 211/VT4C
each. Three of the four in each one look new, and I had planned to take
them all out. So bid without those
tubes included. If you want tomake an offer with the tubes left in,
include that as well as a bid without
them.

BC191E with TU-6B which tunes from 3000-4000 KC (hard to find)

BC191F with TU5N which tunes from 1500-3000KC (also hard to find)

T-20 in black tunes from 3-4

T-20 in silver tunes from 5.3-7

The next three are in a single rack. They have transformers on the rear of
each that unplug leaving the
original socket.

R-24 marked MT-7 tunes from .52-1.5 three antenae jacks black in color.

R-24 marked Western Electric BC-455B tunes 6-9.1 silver in color.

R-24 marked Western Electric BC-453B tunes 190-550 KC silver in color.

R-24 black tunes .52-1.5 this one is in it's own single rack. Has a
removable transformer on the back
which would leave it with the original socket

Radio receiver BC966A

Radar unit SN36A (I know nothing about this thing)

Wireless set No 19 MK II supply unit No 1

Send e-mail private or call (909) 982-2386 8Am-10PM PDT

1983. RE: TM 241-A Mod.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: mallorys@nbnet.nb.ca
Message-ID: <950914232244.05C716@news.nbnet.nb.ca>
Source record: 212430

Some one was looking for the mods for the Knwood TM-241-A. I finally found
them, so here they are.

73...Steve...VE9SHM

From: wa2ise@cbnewsb.cb.att.com (robert.f.casey)
Subject: TM421a TX mod file
Date: 19 Oct 91 03:23:18 GMT
Sender: news@cbfsb.att.com
Organization: AT&T Bell Laboratories
Lines: 30

copied from packet:
Msg# TSF Size #Rd Date Time From MsgID To
63056 BF 1307 1 14-Oct 1645 N2FWQ 49200_N2IMC MODS@ALLBBS ()
Sb: knwood tm421a mods

This mod is only intended for experimental applications only! Know what
freq you are on and don't use this mod if you are not for sure.
The TM-421a is capable of transmitting from 136 to 174 MHz when the following
modification is performed. The transmitter specifications will vary from
published in-band specifications.

1. Remove the top and bottom covers from the transciever.
2. Remove the knobs from the front panel.
3. Remove the nut from the mic jack and the nut from the channel selector
switch.
4. Remove the 4 screws that secure the front panel to the body of the
transceiver
5. Pull the front panel off the transceiver to expose the Control board.
6. Remove the 3 screws from the Control board. Gently pull the board off
the transceiver.
7. Cut the GREEN jumper wire on the Control board.
8. Install an MA141A chip diode or 1N914 diode as D209 on the Control
Board.
9. Reassemble the transceiver by reversing steps 1 - 6.
10. Reset the microprocessor by holding in the MR key as power is turned
on.

I haven't tried or verified this, proceed at your own risk. WA2ISE
And do not transmit outside of legal bands!

Copied from the QRZ! Windows Ham Radio CDROM

1984. Mods for the TH79-A (Here they are)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: mallorys@nbnet.nb.ca
Message-ID: <950914231811.D34116@news.nbnet.nb.ca>
Source record: 212431

Here are the mods for the Kenwood Th79-A dual band hand held. I cannot take credit for any of the mods, however they were given to me so I thought I would share them. By the way if you have any mods for any other Amateur Equipment please email them to me and I will be more than willing to share them with others.

Thanks and 73...Steve VE9SHM

Kenwood TH79 Dual Bander Modification and Feature Guide r1.5 9/13/94
==========
Clayton Wagar, KD4IDN
920 West Crawford Street #7
Dalton, GA 30720

Here is a compiled list of modifications and features I've found for the Kenwood TH79 Dual Band HT.

Thanks to the following for their contributions to this document:
Mike Musick, N0QBF
Cole Cunningham, AA7RD
Duane Voth, KC5BGV
Chuck Scott, N8DNX

Having had many other radios in the past, and certain to have many in the future, I understand the anticipation of Amateur Radio operators to find modifications to their equipment. I started this document because I want to see _quality_ information circulated as quickly as possible, in order to save a lot of time and effort for others.

If you have any other comments, mods, or information you would like to see included in this document in the future, please send them to:
Clayton Wagar KD4IDN
yensid1@aol.com

Outstanding questions at the time this document was released:

* Rumor of a keypad modification to the radio for "Wide band" TX, RX. If you know of this mod, please write to me, even if you wish it not to be published. This would save a number of poor radios from useless torture!

Hope you find all of this information useful. Again, please send corrections or additions to yensid1@aol.com

73 de Clayton
KD4IDN

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Contents of This Document

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I. Disclaimer and other foolery
II. Brief Description of the Kenwood TH79A Dual Band Handheld Radio
III. MARS/CAP Modification
IV. Extended TX/RX Modification ('Beyond MARS')
V. Remote Base Operation
VI. Post Modification Specification Chart
VII. Cross Band Repeat
VIII. Other Stuff

++
I. Disclaimer
++

Well, don't you get sick of this stuff? I know, I know. However, I must say that I cannot and will not be responsible for anything that might happen to your radio, your person, your dog, or other operators you might talk to with your th79. In addition, if you decide that, with your newly modified HT, you just absolutely must cause unlawful interference with another ham or another radio service, I won't pay your NAL. Really.

Oh, and while we're at it... The extended RX/TX modifications may require you to solder or desolder really, really small components. If you want to know how small, look at the tip of an average ball point pen. Smaller than that. It takes about 1/2 of a second to wipe out several components as well as fry the board inside the 79. Please be careful.

++
II. TH79 Description and Impressions, by Mike Musick, N0QBF
++

Lulled by the sexy small size, I succumbed (or, rather, the credit card succumbed) and bought a Kenwood TH-79 dual-band H-T recently. Already owning a TH-78, the comparison comes easy.

SPECS. The TH-79A is a U.S.-spec dual-band transceiver, featuring coverage from 144-148 and 438-450 MHz. Receive coverage is extended on the 2M side from 118 to 174 MHz with AM in the aircraft band; there is no extended UHF coverage without modification. Max power is rated 5W on VHF and 3.5W on UHF with a 12V source; max power with stock 600 mAH nicad pack is 2.5/2.0. There are three power levels for each band - high, low, and extra-low (30mW). There are 80 memory channels, with no evident expansion capability. U.S./Canada version comes with the CTCSS encode/decode option. Going price at a 7/17/94 hamfest was $480.

GENERAL IMPRESSIONS. Tiny, tiny, tiny. Imagine putting a small duckie on the ARRL Repeater Directory - except that the 79 is narrower by about an inch. With the standard battery and not counting the belt clip, the dimensions are roughly 2" wide, 5" tall, and 1" thick. The belt clip adds 3/8" to the thickness; I

left it off so it would be pocketable, and, frankly, it fits moderately comfortably in my work slacks' front pockets, which was surprising. It's tiny! (Oh, I said that already.)

The 79's keyboard has larger buttons than it's predecessor (lacks the cover, too) which are much easier to use. Control layout in general is better and even in just a couple of days I appreciated the change. No more ambiguous power switch - it's in the primary band volume knob in a normal OFF/ON/VOL setup. Secondary band volume control is on the "ring" of the freq/channel encoder knob in a coaxial arrangement.

There are no squelch knobs; it a key+knob function for both bands. Squelch control was, well, interesting. There are only six "settings", with usually only the lowest setting opening the squelch under no signal. Reading between the lines in the manual, apparently the squelch circuit is semi-automatic. I expected some limitations, but had no complaints under actual use - it worked well.

With my expected habit of putting it in my pocket, I like the control lock switch - it's *not* an F-key function, but, rather is a slide switch next to the PTT. No more fumbling around to unlock it. Unfortunately, the lock function does not lock PTT - that has to be disabled with the "Tx Stop" menu setting. I found this out the hard way by putting it in my pocket and inadvertently keying-up a repeater.

The 79 has an alphanumeric display capability of two lines of 10 characters, which is used in several ways. First, there is a "guide" facility, which provides online instruction for most operation features with a scrolling display. Then there is a "menu" function, which provides access to the settings which were normally done with obscure F-key commands in the 78. Setting the various functions is very clear this way. There is also a status review mode, where the more important settings are displayed.

Finally, the alphanumeric display can be set for each programmed channel. Seven characters positions are available, and almost the entire extended ANSI character set - that's right: lower case, symbols, and accented characters - can be used. However, alpha display is mutually exclusive with frequency display. Frequency display mode can be selected in case you forgot what was "underneath" your programmed channel ID.

++
III. MARS/CAP Modification provided by Mike Musick, N0QBF
++

Here is the MARS/CAP modification for the new Kenwood TH-79A dual-band HT. Usual disclaimers about doing mods apply.

1. Remove battery.

2. Open case by first removing 3 screws (#00 Phillips) on back
and 1 screw on side hidden underneath the rubber flap covering
the DC power jack. Gently pry apart starting at top; BNC
connector will move with back, knobs with front.

3. Spread unit out. Wires will "hinge" on the side with the PTT
button.

4. Looking on the back of the keypad (front) half, locate green
wire on upper left, just below the CTCSS decoder module.

5. Neatly cut this green wire, and tuck back in so ends won't
touch each other or other components.

6. Reassemble.

Programmed memory will be lost since the CPU will notice the
strap change and reset itself.

End result -

Before: VHF RX - 118.000-173.995 TX - 144.000-147.995
UHF RX - 438.000-449.995 TX - 438.000-449.995

After: VHF RX - 118.000-173.995 TX - 142.000-151.995
UHF RX - 420.000-449.995 TX - 420.000-449.995

Automatic repeater offset and shift selections remain normal.

And this tip comes from Duane Voth, KC5BGV...

"The MARS/CAP mod can be made without opening the entire case up. You
can fairly easily cut the green wire by simply (and carefully) removing
the CTCSS decoder cover and using a small pair of diagonal wire cutters."

++
IV. "Wide Band" Modification, provided by Cole Cunningham, AA7RD
++

Following is a modification for the Kenwood TH-79A Dual Band HT which
opens it up to tuning from 67-174 MHz and 400-511 MHz. Actual receive was
85-135.995 AM and 136-179.995 FM with reasonable (0.5 microvolt
or better) sensitivity at all the points I measured. Transmit was
136-179.995 and 400-511 with power dropping off at the ends but still
usable (about 0.5w on the high scale at the band edges).

As usual, I take no responsibility for the mods, or your use of the unit
after mod. Please exercise good judgement and don't endanger our ham bands
with your irresponsible actions.

The observations noted are all I tried and I have no further data.
This is such a delicate operation that one shot was all I wanted to do,
and when it worked I quit!!!

WARNING-CAUTION-LOOKOUT-ETC!!!
The diodes to be moved are microscopic!! About 1mm long by 0.5mm wide.

This mod should be done by professionals on a closed track only.
Children, do not attempt this at home. Requires extremely small soldering
tools and MUCH skill. I had a professional surface mount facility do mine...

1. Open the unit by removing three screws from the back and one under the
DC power input cover. Carefully separate the front and back pieces.
The two case halves may be disconnected by pulling the wired plug and by
prying the brown latch on the ribbon cable connector up enough to
release it.

2. On the front PC board in the lower right corner as viewed from the rear
with the knobs pointing up there are seven spots for diodes in a row,
with one diode missing.

```
|
o o o o x o o |
_______________|
2 3 4 5 6 7 8
```

The numbers are D302-D308, left to right, with D306 missing.

3. Remove D304, and D307. Put them away in a safe place (Just in case...)_

4. You should now have:

```
|
o o x o x x o |
_______________|
2 3 4 5 6 7 8
```

5. Reassemble and good Luck.

Enjoy, but don't create problems with the new capability...Wouldn't it be
nice if Kenwood would make a RX only mod with these capabilities and we
wouldn't have to worry about accidental transmissions where we shouldn't
be transmitting. I, for one, don't want or need to TX, just RX...

73, Cole, AA7RD
August 11, 1994

(Note - This mod also adds 2 more menu settings. One of which is an
AM/FM demod selector for the 300-400 Mhz band. To access this
band, select the VHF band, press F, then press the Low/Hi key.
Repeat to return to 144 Mhz. The AM/FM selector will allow you
to listen to Military transmissions in the 300Mhz band in
either AM or FM.
- Clayton)

++
V. Remote Base Operation with Kenwood 732/733
++

Kenwood has now simplified remote base operation of their mobile rigs
with the TH79.

I will not give a step by step on how to control the mobile rigs, since they are different. Hoewever, to really understand this feature, I would first get to know the remote control feature on the mobile very well. This makes the following explanation a little clearer!

To access this feature, hold [PTT] and [MR] while [POWER ON].

The display will indicate -RC-, which I presume means 'Remote Control'.

If you have correctly matched your DTSS codes, frequencies, etc, the dual bander's keypad now becomes a function pad. Pressing certain keys enables or disables functions on the mobile rig by sending the DTMF sequences for you.

Please note that all this fuction does is send the DTMF tones over the air to control your mobile rig. I have not made a list of what each key does, but as the 79 sends the DTMF tones, the display will indicate the function. (i.e. - RPT ON, RPT OFF, TONE ON, TONE OFF, etc.)

73 de Clayton
KD4IDN

And this from Chuck Scott, N8DNX...

"The "RC" function is configured to directly control radios such as the TM-732. In fact, if you look at the layout of the microphone remote commands for the 732 it very closely matches the key assignments for of the "RC" mode. Since I have a TM-732 installed in my car, I had a chance to try this out and it's VERY convenient. Everything from direct frequency entry with the "F" key to enabling X-Band repeat. I'm really surprised they aren't marketing this feature of the radio."

++
VI. Post Modification Spec Sheet, by Clayton Wagar, KD4IDN
++

Here is a small chart showing the measured specifictions of TH79 S/N 60300272 after modification. The measurements were made with an IFR 1200S Service Monitor, on the bench, with a 6V power supply. Your milage may vary - these are just what happened with mine, and I would suspect that most units are pretty similar.

73 de Clayton
KD4IDN

Band - VHF --
Frequency Sens (uV) Power Mode
--------- --------- ----- ----
108 4 - A3
110 2 - "
115 .75 - "
120 .40 - "
125 .30 - "
130 .30 - "
135 .30 - "

```
140 .12 2.9 F3
145 .12 2.9 "
150 .13 2.8 "
155 .15 2.4 "
160 .18 1.9 "
165 .20 1.45 "
170 .21 1.10 "
175 .30 0.85 "
179.995 .35 0.70 "

Band - VHF (2) (set to 300Mhz) -------------------------------
Frequency Sens (uV) Power Mode
--------- --------- ----- ----
300 50/75 - A3/F3
320 4/20 - "
340 .3/.6 - "
360 .2/.5 - "
380 .2/.6 - "
400 .2/.75 - "

Band - UHF ---------------------------------------------------
Frequency Sens (uV) Power Mode
--------- --------- ----- ----
400 11 1.0 F3
410 4 1.5 "
420 1 1.85 "
430 .2 2.2 "
435 .12 2.3 "
440 .10 2.5 "
445 .10 2.5 "
450 .10 2.5 "
455 .15 2.3 "
460 .16 2.3 "
465 .20 2.0 "
470 .45 1.8 "
480 1 1.6 "
490 2 1.3 "
500 6 1.1 "
510 no RX over 509 0.8 "

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
VII. Cross Band Repeat, from Chuck Scott, N8DNX
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

The TH-79 does go into X-Band repeat. Press the "F" key then the "MONI"
key to enter repeat mode. Use the same to return to normal. There is a
10 min transmit limit so it's not useable for long duration monitoring of
a continuous transmission. That's understandable in light of the number
of horror stories I've heard of people frying their HT's in repeat mode.

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
VIII. Other Observations, Ramblings, Etc.
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++

From Chuck Scott, N8DNX....

"Regarding the lack of a memory Lock Out function, I talked at length with the Kenwood people. They have been inundated calls about this and have told me that they are preasuring Japan to come up with a processor replacement to fix this, perhaps as a retrofit. I encourage any owner of a TH-79 to write to Kenwood insisting on such a modification at no cost and asking that they be informed when it is available. I think this is justified for several reasons. First, I have been told by another ham that the official brochure indicates that such a feature is included. Second, and more important, it is arguable that the radio is not suited to the application without memory lockout. After all, it's an 80 channel radio. To make effective use of that many channels REQUIRES a channel lockout function. Without effective use of that many channels, the radio is not comparable to the current standard for such a unit.

BTW, close inspection of the RF deck in my radio shows no obvious missing parts. I didn't remove the board to check the other side, but my suspicion is that the 800 MHz parts are installed. I'd be interested in input from others on that. So far I've not discovered how to make it display any 800 MHz frequencies though."

==========
Kenwood TH79 Dual Bander Modification and Feature Guide r1.5 The End!
==========

1985. WANTED: Uniden HR2510 mod info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: Timo_Kolehmainen <tko>
Message-ID: <439931$7jj@ns.nmp.nokia.com>
Source record: 212432

I need modification info for the above radio. I have seen info for HR2600 but nothing for this...

I'd like to use that 10m rig
for 70cm transverter use. I need to extend the frequency coverage from the current 28MHz..29.7MHz to able to use the full 70cm band. I also need to adjust the output power down to few dBm0s for the transverter, alternatively I should connect to a point before the PA and disable the PA. Any pointers to service manual or modification info is greatly appreciated.

--
Timo Kolehmainen OH8MBP
tel. +358 10 505 6299
fax. +358 10 505 6666
, email: timo.kolehmainen@nmp.nokia.com

1986. ALINCO DJ 580 T for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: mgdunlap@dunlap.b8.ingr.com
Message-ID: <439poo$2uv@b30news.b30.ingr.com>
Source record: 212433

I have an Alinco dj580 twinband handheld for sale.
It has the followin accessories:

1. Two batteries
2. Slow charger
3. Fast desktop (1 hour) quick charger
4. Two flex antennas
5. One mag-mount mobile UHF/VHF antenna
6. Leather belt holster
7. 57 page instruction manual, oem booklet, all original packing

$ 350.00

Contact Mike Dunlap
mgdunlap@ingr.com
or (205) 730-5369 work
(205) 837-3150 evenings

--

~~~~~~
^ Mike Dunlap | _**_ ^
^ Operating Systems Support | / :-IIIIIIIIIII ^
^ Intergraph Corp. Huntsville | >: 723 :--------------\ ^
^ voice: 800 603 5500 x5369 | +-(O)----------(O)---+ ^
^ email:mgdunlap@ingr.com | FF/EMT-D N.R.E.M.T. ^
^ fax: (205) 730-6011 | buy a smoke detector... ^
^ | or sleep with a firefighter! ^
^~~~~~~
~~~~~~

1987. Re: WANTED: Uniden HR2510 mod info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: Timo_Kolehmainen <tko>
Message-ID: <439e1s$7jj@ns.nmp.nokia.com>
Source record: 212434

Timo_Kolehmainen <tko> wrote:
>I need modification info for the above radio. I have seen info for HR2600 but
>nothing for this...
>
>I'd like to use that 10m rig
>for 70cm transverter use. I need to extend the frequency coverage from the
>current 28MHz..29.7MHz to able to use the full 70cm band. I also need to adjust
>the output power down to few dBm0s for the transverter, alternatively I should
>connect to a point before the PA and disable the PA. Any pointers to service
>manual or modification info is greatly appreciated.
>
>--
> Timo Kolehmainen OH8MBP
> tel. +358 10 505 6299
> fax. +358 10 505 6666
>, email: timo.kolehmainen@nmp.nokia.com
>
Sorry, I exchanged the models, the mods I have seen are for HR2510, and I need
mods for the HR2600.

--
Timo Kolehmainen OH8MBP
tel. +358 10 505 6299
fax. +358 10 505 6666, email: timo.kolehmainen@nmp.nokia.com

1988. Re: September 95 CD-ROM Released

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: brian@synapse.net
Message-ID: <437s2l$cca@sentinel.synapse.net>
Source record: 212493
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

bob@ultranet.com (Bob Levine) wrote:
>In article <42o96k$3ka@newsbf02.news.aol.com>, headshrnkr@aol.com proclaims...
>>
>>May I ask why you needed to SPAM this ad across 4 boards? One posting
>>would have really been fine, ok?
>>
[lengthy sig deleted]
>>Bruce J. Howes
>>HeadShrnkr@aol.com
>
>I dont consider this a spam at all. Actually they are all places
>where people who might get benefit from this fine product can be
>found and they might appreciate knowing where they can get this
>CDROM.
>

I agree. On the other hand, replying in *10* newsgroups to a post on 4 does
strike me as spamming.

Brian VE3BGB

1989. Re: FT-51R battery monitor during Xmit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <4382fv$hdp@news.iadfw.net>
Source record: 212494

tlewis@dfw.net (Thomas Lewis) wrote:

>
>Subject: Monitoring battery voltage during transmit - Yaesu FT-51R.
>
>A while back, there were several messages on Internet indicating problems
>with monitoring the battery voltage while transmitting. Today, I had a
>very enjoyable conversation with one of the Yaesu Technicians in California
>and discovered you CAN monitor the battery voltage while transmitting.
>
>Step 1 Be sure both bands are selected "ON" (frequencies displayed on
> both sides).
>
>Step 2 Select desired band and frequency to transmit.
>
>Step 3 Push the Sub-Op button once (three tones will be heard and the
> Main Channel indicator will flash on the non-transmit band).
>
>Step 4 Push the function button.
>
>Step 5 Within 5 seconds - push the SET/0 key.
>
>Step 6 Select BATTERY VOLTAGE (function 25).
>
>You are now able to monitor the battery voltage while transmitting :)
>
>
>Note:
>
> Battery voltage will be displayed while transmitting and receiving.
>
> Transmit and receive frequencies will not be displayed.
>
> The BATTERY VOLTAGE message will scroll across the display.
>
>
>To exit battery monitor during transmit, simply press the SET/0 key.
>
>
>73!
>Tom Lewis
>AB5CK Dopplers

It is in the manual on page 68, bottom right corner.

Floyd Adams WD5ENJ

1990. Re: Kenwood uses false advert

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: jdb99@ix.netcom.com
Message-ID: <437rog$10o@ixnews3.ix.netcom.com>
Source record: 212495

In <01HV837TKL2Q00DF8E@uthscsa.edu> MUENZLERK@uthscsa.edu (Muenzler, Kevin) writes:

>This has nothing to do with whether or not a business has the "right"
>to sell or not sell to a particular person or group as long as it
>is not what is legally called "malicious discrimination." Not selling
>equipment that requires a license to use to people who do not have
>a license to use it is not malicious discrimination.

When we were sued by two individuals we refused to sell to,
your comment is almost a "word for word" quote from the judges
decision. We were fist sued in our local civil court, the
case was thrown out because it did not fall in their jursidiction.
When it went to Federal Court this was the ruling.
Despite the fact their is no law, a license is required for
the use of the tranmitter. This is how the court ruled. The Appeals
court refused to hear the case, and that was that. It was not
applealed to the Supreme court.

>I would be
>willing to bet that this business that refuses to sell equipment to
>"non-hams" would be glad to sell them any receivers or accessories
>that do not include transmitters or transceivers.

All the time.... When someone came in out store and wanted
to become involved in the "HOBBY" then we spent a LOT of time
explaining the rules and regulations and when we had classes
and when the test schedule was etc....What we found is those
who wanted to become hams, did what was necessary to become
licensed to exercise that priviledge. Those who tryed to
just BUY a transceiver right then and there, were not interested
in becoming hams, but were looking for ways to "work some skip."

1991. Nicads no! Lithium Metal Hydride best!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: bluospry@ix.netcom.com
Message-ID: <438dqj$plg@ixnews7.ix.netcom.com>
Source record: 212496

While Nicad batteries have been the standard in HTs the new Lithium metal hydrides are superior. For example a standard AA Nicad is 500 ma, a high capacity Nicad 850 ma and a Li Metal Hydride AA is 1200 ma. "AA"s and "A"s maybe obtained from Tower Hobbies (they have an 800 number). 73s

1992. VHF Transceiver: How-To-Make-One

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: 920002@admu.edu.ph
Message-ID: <438enu$ofh@news.admu.edu.ph>
Source record: 212497

Can you help me with how to make my own
VHF radio transceiver? I need all the
technical information I can get.

Thanks.

****
email 920002@balut.admu.edu.ph

1993. Looking for a radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: Rick Huebner <feh@gsu.cs.GaSoU.EDU>
Message-ID: <Pine.SUN.3.91.950914093235.8411B-100000@gsu>
Source record: 212498
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I am a Paramedic and am looking for a portable radio for personal use. It must be programmable transmit/receive for frequencies that I am interested in(police, fire, ems, hospital). These are all VHF freqs and must be able to handle programming of PL's for each freq. I would like at least 30 channels that can be scanned.

I have seen a very nice Kenwood that someone told me was around $700. Any recommendations? Please email me if you don't mind. Thanks...

--
****
Rick Huebner EMTP
Georgia Southern University
Internet: feh@gsu.cs.gasou.edu

Logging onto the Internet with OS/2 Warp Connect!!!

1994. Re: Simplex Repeater -- Questionnaire

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <4399u3$4nv@ixnews7.ix.netcom.com>
Source record: 212499
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

In <43864a$o90@hg.oro.net> rst-engr@oro.net (Jim Weir) writes:
>
>RST Engineering has been producing aircraft electronic kits (avionics)
>for about twenty years. So far as I know, with the one abortive
>attempt by Heathkit to market a strobe light, we are the only maker of
>avionics kits in the world.
>
>We have just completed design, test, and final test of our first
>amateur radio product -- a digital voice simplex repeater. The device
>is simple in concept but took about three months of design and
>"tweaking" to get it just right. It is small, just about the size of
>a typical mobile 2-meter rig and will make ANY transceiver with
>microphone input and headphone/speaker output into a repeater.
>Amateur radio, aircraft radio, public service radio all make no
>neverminds to us -- all we care about is audio in and audio out.
>
>Since a lot of the amateur transceivers bring out 5 volts at 50 mA or
>so to the microphone connector to run a DTMF (Touchtone) pad, we can
>steal enough power from the transceiver to run the simplex repeater.
>And a few of the transceivers (at least the Kenwoods) bring headphone
>audio to the microphone connector so that a single cable from the
>simplex repeater to the transceiver is all that is necessary for
>complete operation. Well, an antenna and a power source for the
>transceiver would help.
>
>The basic operation is an audio (voice) detector that turns on a
>digital voice storage chip when audio from the headphone line is
>present. When the audio goes away, the detector turns on the repeat
>function of the storage chip and keys the transmitter until the voice
>chip has repeated back into the transceiver's microphone input all the
>voice (up to sixteen seconds) that it heard. The storage chip then
>resets itself and waits for the next voice detect.
>
>By using the CTCSS function of your transceiver, if it has one, you
>can privatize the thing most any way you wish. There is an optional
>added board (for money, of course) that will not only repeat the
>voice, but store it in an electronic "voice mailbox" that can be
>replayed any time you wish by the use of DTMF (Touchtone) tones as
>well as DTMF control of the basic repeater.
>
>We had originally thought to market the thing in prewired format, but
>a couple of folks asked me why we didn't do it in kit. I didn't have
>an answer, as the thing is only a few ICs and a half-hundred discrete

>parts -- all through-hole, no surface mount. Calibration is nothing
>more than setting the microphone level.
>
>If you wouldn't mind, email (or answer in a reply post) the answers to
>some questions. If you answer the last question "no" I assure you
>that you will not become part of some monster mailing list somewhere.
>All you get for a "yes" is to be put on our mailing list and sent one
>of our brochures. (Yes, yes, we are working on a home page so that
>you can download all this stuff and pretty colored GIF files too, but
>patience, brother, patience.)
>
>1. Does a simplex repeater interest you for a basic price of
>somewhere around $100?

Sure Does
>
>2. Does the addition of a "mailbox" and DTMF control of the basic
>repeater and mailbox interest you at a price of $200?

Maybe $150
>
>3. Considering that we are estimating our cost of assembling the unit
>at $25 each, does offering a KIT of the basic repeater at a price of
>$75 or the upgrade machine at $150 interest you? (Each one of the
>boards plus any chassis wiring is about 8 hours per board. Our
>instructions are excellent.)
>

Yes
>4. This design is pretty well "frozen". However, are there any
>features you might like to see added to future generations of this
>design?

Sounds like you have it covered
>
>5. When you buy stuff mail-order do you usually use email, phone, or
>snailmail (no 800 number, sorry)?

Phone
>
>6. Same question, but do you usually pay by check or plastic?
>
Plastic - Always!

>7. If email and plastic, does the perceived "intercept" of your
>credit card number bother you? How do you deal with it?

Yes, I never order anything over the net with a credit card.
>
>8. Would you like to be placed on the RST Engineering mailing list
>(no, we don't give our list to anybody else)?

Sure - WB8NUT - Callbook address
>
>Jim
>
>
>
>Jim Weir VP Engineering | "We seem to be standing on
>RST Engineering | the foreskin of technology."
>Grass Valley CA 95945 | (Gen Chuck Yeager)
>voice/fax 916/272-1432 |
>rst-engr@oro.net ARS WB6BHI CFI A&G / Comml Inst A&G / A&P / C-182A
N73CQ
>

1995. Re: Help - Ham-stores in Philadelphia ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: mah48d@rohmhaas.com
Message-ID: <mah48d-140995072653@wm48d.ho.rohmhaas.com>
Source record: 212500

In article <432gcr$7k0@crow.cybercomm.net>, Stephan Rashkin
<stever@raven.cybercom.com> wrote:

> Also reminded by wn2k about HRO in Delaware..(that's where I do
> my shopping)..Bob is very helpful & patient) it's not exactly that
> close to Phila., but worth the trip if you have the transportation
> and time

Actually HRO in New Castle DE is not significantly farther from center city
than Trevose PA is. And while there _is_ a SEPTA stop called "Trevose" (on
the R3 Regional Rail line), it's a long enough hike to Trevose Electronics
that you really need a car for either place.

--
John Taylor (W3ZID) | "The opinions expressed are those of the
e-mail: mah48d@rohmhaas.com | writer and not of Rohm and Haas Company."

1996. Re: TM733 repeater mode?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-14 00:00:00 UTC
From: jwittich@b4pph107.bnr.ca
Message-ID: <4395j9$m4s@crchh327.rich.bnr.ca>
Source record: 212501

In article <9509112000.0S4B70B@asb.com>, rick.lapp@asb.com writes:
|>
|> Anyone know how to setup the 733 to work as a crossband repeater?
|>

Yep. Select either band py pushing in on the volume control. Then
press the CONT button, so that PTT is set to one band, and CONTROL
is set to the other. (CONTROL is indicated by the little green light
near the volume control. Then press and hold the FUNCTION key for 1
second to bring up the third menu for the softkeys. The far righthand
most key is marked X. Press that and you are in X-band repeat.

To get out of X-band rprt, just press and hold F for 1 second, then hit X.

Note: If you only want to repeat 1 direction, just skip the part where
you set PTT and CONT to seperate bands. With PTT and CONT set to the
same band, it repeats only one direction.

Once in X-band repeat, most of the keys are disabled. Some useful tips
for X-band repeat on this radio: Turn off the display before setting in
X-band mode. (To do this, hit F then DIM then turn VFO knob til display
turns off). You can turn both volume controls all the way down on this
radio, unlike some, where the audio repeat level is set by the volume
control. Its not a good idea to have your car speaking as it sits in
a parking lot somewhere.

73, Jeff
--
****
jwittich@b4pph107.bnr.ca *** CW ops let their fingers do the talking.
AC4ZO *** BNR claims they know nothing of my employment here.
****

1997. Re: RF output on TS-440S?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <43c56k$4hs@news.iadfw.net>
Source record: 212302

tigger@jcomm.uoregon.edu (Max Sabo) wrote:

>I am kind of embarassed to ask this question, but I own a TS-440S and I
>have never figured out how to turn down the RF output going to the
>antenna. There is an AF knob, which is the volume, and then there is an
>RF knob, which seems to only attenuate the RF coming into the set on
>recieve. Is it possible to turn down the RF output to do something in the
>range of QRP, or is it always at 100watts output?

>Any help will be appreciated.

>Max
>N7NWG

Max, I also own a TS-440. I had the same question and was told by an individual that was selling one at a sidewalk sale that it was very easy to adjust the power level. He said that there is a pin on the rear 6 pin Din accessory jack (remote connector) that is for ALC input feedback from an amplifier. It is pin 6. He said that if you regulate a voltage and apply it to this pin and ground, it will reduce the output. He suggested that I use a 9 volt battery and a pot to adjust the level to the desired output. I never got around to trying it, but it appears that it will work, since this ALC input is designed to reduce the drive to the amplifier. If you try it, please let me know if and how good it works. 73's

Floyd Adams WD5ENJ

1998. Need Info on RF 675 Antenna Coupler

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: visions@news.gate.net
Message-ID: <43c5mk$2bjh@navajo.gate.net>
Source record: 212303

I am looking for any information on an RF 675 Antenna Coupler
made by RF Communications, Inc. If anyone has a company address,
telephone number, manual, etc., please contact me.

Thanks...

Ray

-- Sorry if this is a dupe, our mail site is acting up --

--

Ray Johnston (visions@gate.net) Boca Raton FL USA

1999. Six Meter Advice and Equipment Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: eplumley@lynx.dac.neu.edu
Message-ID: <43ccv6$6ab@chaos.dac.neu.edu>
Source record: 212304

Hello... I need info in getting started on Six meters FM and SSB. I've seen some of the older micors and GE master II's that are available, and the advertisments for the Azden radios, but need advice on what would be an acceptible starting setup for mobile use. There are some 6 meter FM repeaters around New England, but sideband holds a great bit of interest to me as well. Any multimode rigs manufactured? Price is of great concern, I've convinced my wife that since my 440 rig has gone up in smoke that I should have something else in the car for Christmas...
If you've had experience with 6 meters, I'd like very much to correspond with you... Typical ranges for FM mobile vs sideband, amount of activity on the band, types/brand/set ups for mobile antennas, rigs to avoid or look for, price ranges, etc. etc. etc. . I live in the metro Boston area, and travel regularly into far northern New England so most of my radio time is limited to mobile use.
Thank you very much, please e-mail me with any suggestions or comments you may be willing to share to:

eplumley@lynx.dac.neu.edu

Again, thanks and '73's

Eric Plumley / N1QMZ

2000. FM RECEIVER/TRANSMITTER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: JOSE ANTONIO BARAJAS CORONADO <balta001@mail.internet.com.mx>
Message-ID: <43ahce$1qv@news.internet.com.mx>
Source record: 212305

Iï¿½m searching for a fm transmitter and a fm receiver for distance aprox.
300 fts.

I would like to know if somebody knows where can I buy the kits or
the pieces for construct it.

If you now something please send me the information.

2001. Re: Spahn Ranch linked with 2 Murders in Phili

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: ssgreen@aerospace.aero.org
Message-ID: <ssgreen-150995103626@greenberg-t.aero.org>
Source record: 212306

In article <3826184158.9741177@cyberden.com>, cleopatra@cyberden.com
(cleopatra) wrote:
>
> Last Sunday Night, Spahn Ranch, the up and coming LA based Hard Tek band
> played a amazing show at Phili nught Club The Asylum. There is Strong
> evidence that a member of the audience murdered a young women and a 2 year
> old child a few hour before the show. The Asylum, Spahn Ranch and The
> Electric Hellfire Club are now beeing questioned about the incidences of that
> night. News Reports called the guy a "vampire" because of the brutalness of
> the murders. The mans alibi for the many scratches on his face was that he
> had been mossing at Spahn Ranch.......Or was it a plot by Spahn Ranch and the
> Electric Hellfire Club to turn their audience members into blood thirsty
> killers!!!! Spahn Ranchand Electric Hellfire Club could not be reached for a
> statement.

Cleo forgot to mention in the above article that the "vampire" was also a
ham...

Could be those scratches were really caused by a "rubber ducky"!

2002. Wanted- Ten Tec Accessory - 276note.txt [1/1]

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: rickc@enet.net
Message-ID: <43cj17$c2l@maple.enet.net>
Source record: 212307

```
V291bGQgbGlrZSB0byBoYXZlIDI3NiBjYWxpYnJhdG9yLCB0aHJlZSBwaW4g
cGx1Zy1pbiBkZXZpY2UgZm9yIFRlbiBUZWMgQ2VudHVyeSAyMSwgTW9kZWwg
NTcwLg0KV29yazo2MDItOTY4LTYyNDEgeCA0NzQNCkhvbWU6NjAyLTg5OC05
MTU4DQpUaGFua3MgJiA3My0gUmljaw==
Rick Checketts rickc@enet.net
Technical Support Engineer Voice:1-800-426-1194 x474
Jensen Tools Int'l/AZ:602-968-6241 x474
7815 South 46 Street FAX:1-800-366-9662
Phoenix, AZ 85044 Int'l/AZ:602-431-9173
KA0KZB@KC7Y.AZ.NOAM, CET, ISA, SCTE, AFSMI
Opinions are my own, not that of my employer.
"Imagination is more important than knowledge"-Einstien
```

2003. Heathkit VF-7401 (2 Meter VHF) Manual copy wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: au156@yfn.ysu.edu
Message-ID: <43ckig$rup@news.ysu.edu>
Source record: 212308

I have a young ham friend (N1VJF, 14 years old) who has a used
Heathkit VF-7401 "Two Meter Digital Scanning Tranceiver" without any
manual. He would very much appreciate if someone could please copy
at least some portions of the book and schematic. (The "new Heath"
charges a very high price for these manuals.)

If someone would like to help out, please email me.

Hank, N1LTV
hriley@umassd.edu
au156@yfn.ysu.edu

2004. Announcing Kenwood TS-870S All-Mode HF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <43ams7$j7v@bighorn.accessnv.com>
Source record: 212309

Announcing The Kenwood TS-870S HF All-Mode Transceiver with Next Generation IF-Stage DSP. The Intelligent Digital Enhanced Communications System by Kenwood.

<a href="http://www.accessnv.com/kenwood/">http://www.accessnv.com/kenwood/</A>

2005. SGC (SG-2000) How good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: helmsman1@aol.com
Message-ID: <43bugg$ako@newsbf02.news.aol.com>
Source record: 212310

Hi,

Can anyone supply information about the SGC (SG-2000) Marine SSB/Ham
Tranceiver?
Is this the only one Type Approved for both Marine and Ham use?

Does the Marine SSB feature effect its capability as a Ham radio?
Is SGC a reputable company?
Is this a quality radio?

I'm planning a boat trip and want the Marine SSB capability. Whith the
SG-2000 when I gat a Ham license there won't be a need for another radio.

Thanks!

Helmsman1@aol.com

2006. New Yaseu HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: kjsmith@violin.aix.calpoly.edu
Message-ID: <43cv45$1nto@violin.aix.calpoly.edu>
Source record: 212311

Does anyone have any info on the new Yaseu single-band "mil spec" (for target practice?) HTs that I see on the back page of October QST? They look interesting.

Is DCS compatable with DPL (same thing, or some weird ham bastardization?)? Fast scan speed = ? channels per second?

I've sworn off buying ham gear after getting tired of the quality (I own Icom and Alinco [the Alinco is better than the Icom!]), and use Motorola at work...but this Yaseu COULD make me reconsider.

--
Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Department
Senior, Microbiology | California Polytechnic State University
kjsmith@oboe.aix.calpoly.edu | San Luis Obispo, California, USA

2007. CATCC Q&A #1

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: steve.hajducek@bytewise.org
Message-ID: <127.3823.27@bytewise.org>
Source record: 212312

Subject: CAT Control Center (CATCC) Q&A Bulletin #1
Date : 1995 - Thur. Sept. 14 18:10 Local/ Thur. Sept. 14 22:10 Zulu
From : Steve Hajducek, N2CKH

The questions keep coming in, the response to the press release on CATCC has been way beyound what I expected. I did not expect so many would read and reply so rapidly. I also did not expect the large number of overseas direct phone calls to the support BBS.

There are so many questions being asked that I will now start to send out this Q&A bulletin until the flow of questions taper off.

Here goes:

I downloaded your CATCC_PR file and found your sample programs very interesting as well as your Why 1024-768 screen captures, but why doesnt all the Kenwood functions like A/B and SPLIT work ?

You are absolutely correct. I have verified that I screwed up and I must apologize. Apparently when I updated my new e-mail address in the help information and rebuilt the Kenwood programs for CATCC_PR I inadvertantly used an older baseline. This has been corrected and is available on the BBS for download, it will take a day or two to get it to the ARRL BBS and the ftp sites.

What qualifies you to write software ?

Interesting question. I have 15 years experience in the design and development of software and hardware for military command and control systems. This includes ground sensor systems and environmental stress screening automated test equipment systems. Over the years I have programmed in some dozen or so odd languages in various environments. Currently I am employed as the Senior Engineer at a small contractor and manage a project team developing real-time sensor monitoring and analysis software in Ada using the lastest 32-bit Ada and C++ development tools targeting MS-Windows95/WindowsNT.

Why did you concentrate on Yaesu instead of the better Kenwood radios ?

Interesting question. I do not know what you think is better, they are all pretty much equal when comparing radio model classes. However, I have been a long time Kenwood user. My first new ever h.f. rig was a TS-520SE bought in 1980 at Radio Unlimited (long time defunct) in Somerset New Jersey. I followed that with a TS-930S from Trevose in Trevose P.A. in 1984. In 1992 I went h.f. mobile with an FT-890AT, and eventually made the mistake of bringing in the house and running

it with CT on an old '286 for a CQWW contest, that hooked me. From that point I was driven to design the best CAT program possible and I started with what I had, a Yaesu. I also own a FT-840, needed to replace that '890 in the mobile and found with Hustlers that I really didn't need the antenna tuner. I have recently purchased a TS-450S/AT also by the way.

I was wondering what class license you have and what your radio station consists of ?

Currently I hold an Advanced Class license. I started as a Novice in 1979. The main rig is a TS-930S with Nir-10 and with SB220, for search and pounch I use an FT-890AT barefoot. For VHF, we use an FT-736R with one each TE-Systems amplifiers on 6, 144, 222 and 432 with a mix of DX-Engineering on 6, M-Squared on 2 and 432 and Rutland Array on 222. I also use the Hy-Gain antenna system for my OSCAR work.

Why did you choose Visual Basic of all languages when C is the better choice ?

Another interesting question. Basic has served me very well over the years, except for system programming (you can do embedded in Basic!) it is a very good choice to rapidly develop an application. And since CATCC has been and will probably remain a part time effort, I did not and do not have the time to code everything in C. I personnally find Basic my prefered language for most programming chores, since time is always at a premium.

Can your software be run on an 80286 unders Windows 3.0 ?

No. CATCC requires as a minimum an 80386, preferably an 80386DX25 with 4MB ram and 15MB of free harddisk space, and at least 2 serial ports and 1 parallel printer port. Also a 1024x768 SVGA monitor is recommended. Optionally a Sound Blaster compatiable board and additional serial ports are desirable. Windows 3.1 with SHARE.EXE installed running under DOS 5.0 or greater is required for the operating environment. Obviously, the more CPU power, RAM and harddisk space the better performance will be.

I downloaded the CATCC_PR.ZIP file and did not find the CATCC software, what gives ?

The CATCC_PR file is a Press Release on CATCC with some sample programs that demonstrate some features built into CATCC. The programs in CATCC_PR are not complete applications, they are just toys. Look for the availability of CATCCjr on September 28th.

What is the difference between your CATCC and CATCCjr programs ?

CATCCjr is a stripped down version of CATCC, with the complete database engine (DX-dBASE(tm)) left out, and other major features reduced. CATCCjr will provide full radio control and DX-Cluster

support and WILL log, however, the logging will consist of writing to a CT compatiable .RES file. For users of logging software that import the .RES file the CATCCjr shareware/trial version may fit their needs without the need for the full CATCC software.

Why distribute the CATCCjr version of your software at all ?

I want to allow the Amateur community the use of the program so that they can provide me valuable feed back to aid in the development of the best possible application. I also feel that the thousands of users that find the trial version meets their needs should not have pay for features that they feel are not needed. Many amateur already have time and money invested in logging software, but CATCC is NOT just logging software, the CATCCjr version will make a very nice front end to someone that doesnt want to change their logging software.

Why are you putting another logging program on the market, there are so many now ?

While it is true that many good logging programs already exist, until now there has not been a really good complete CAT program that pulls all station capabilities together in a seamless integrated environment. I feel that CATCC will be THE program for Amateur station operation. It will not do everything that everyone wants in version 1.00, it may never do everything, but it is only just getting started, and so far everyone that has seen has had nothing but praise.

Why did you write CATCC when other good logging software exists ?

Because CATCC is not just logging software. It is an application that provides completely integrated station operation. No other software that I have ever heard about controls the radio equipment to the level that CATCC does. Not to mention the feature rich set of monitoring, alerting and real-time analsysis features if offers.

Does this program really exist ?

This question is popular. Yes, CATCC does exist, it is currently in the final stages of beta testing by a number users.

Is CATCC a DOS or Windows program ?

CATCC been developed as an event driven MS-Windows application.

What radio does it support ?

The current baseline supports all current and most recent manufactur Yaesu F.F. cat radios and has been tested using the Yaesu FT-840, FT-890, FT-990, FT-1000 and FT-736R radios.

Does your program work with Kenwood radios ?

Sample programs to prove the Kenwood code have been written and
tested on TS-440S/AT, TS450S/AT and TS-850S/AT radios to date,
and is currently being integerated into the CATCC baseline.

==========

I will continue to post information on the development of CATCC and
its availability. Please forward all comments, suggestions and
questions by e-mail.

For additional information on CATCC call the Bytewise BBS and
download CATCC_PR.ZIP or use the ftp sites:

ftp.qrz.com | ftp.demon.co.uk

Send e-mail to info@bytewise.org

/s/ Steve Hajducek, N2CKH

==========
ByteWise(tm) BBS - 1-908-363-2760 - Dedicated to Amateur Radio
Serving Central New Jersey and The World since 1988

SYSOP: Steve Hajducek, N2CKH

Over 4 GB of files covering Amateur Radio, Astronomy, Science, Space,
Geneology, Games and dozens of other subjects. Internet e-mail and
Newsgroups, with all Amateur and dozens of other newsgroups available
to all callers from the first call.
==========

2008. Re: GPS Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <43b7bn$t53@crow.cybercomm.net>
Source record: 212313

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
> In article <RXGClqD.saremington@delphi.com> Scott Remington <saremington@delphi.com>
writes:
> >I am considering purchasing a GPS receiver in the immediate future and would
> >like comments on the various models currently on the market. Personal
> >experience and/or rumors greatly appreciated. I've been looking at the Sony
> >IPS760 because of the immediate bells&whistles reaction.
>
> The Garmin 45 is the value leader. It's a slick and tiny little box
> that works very well, is gentle on batteries, and floats. Magellan
> and Trimble offering are also good units. You don't want that Sony pig.
> Every one I've tried had trouble acquiring and keeping the satellites,
> much worse than even my antique Icom GPS which is also a battery gobbling
> pig that demands an external amplified antenna to work in a car. You can
> just throw the little Garmin up on the dash and it's a happy camper, I've
> even seen it work while lying in the passenger seat.
>
> Discount Marine, or one of the other marine chains, have the best
> prices, and often have sales with even better prices. Last I looked
> the Garmin 45 was $199, but I've seen it on sale for even less.
>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
> Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
> 534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
> Lawrenceville, GA 30244 | |

I agree with you on the Garmin 45...I am very happy with mine,
but where did you see them for 199 bucks or less...I got mine
this summer for 270 bucks and I thought that was good.

Steve, WA2NHZ

2009. Re: Help with TS-440S/TS-450S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <43b9c7$t53@crow.cybercomm.net>
Source record: 212314

peterjs@aol.com (PeterJS) wrote:
>
> I've got a TS-450S-AT connected to an R7 vertical and
> started comparing the SWR readings of the internal SWR
> meter on the transciever to an external SWR/Power meter
> between the antennae feed line and the transciever. On 17, 15,
> 12 and 10 meters, the readings on the TX and the external SWR meter
> agree but on 20, 30 and 40 meters, the transciever SWR meter shows
> a very nice 1-1.5 SWR reading on these bands when using the
> auto tune feature but meanwhile, the external SWR/Power meter
> shows SWR readings of greater than 3:1 on 20/30/40. I think I've got a
> problem with the tuner on the TS-450S-AT but in discussions
> with Kenwood tech support, they say I don't have a problem - if the
> SWR reading on the transciever is fine, then the circuit is tuned
> AND in fact, the external SWR meter shouldn't necessarily agree with
> what the transciever reads. This makes no sense to me.
>
> Two questions:
>
> For those out there with TS440/T450 rigs who happen to also
> use an external SWR meter separate from the on-board meter in
> the TS-440/TS450, do you find differences in SWR readings
> between the rig and the external meter?
>
> Is this really true that there should be no relationship between
> the on-board SWR reading in the TS440/TS450 and the external
> meter? I would think that the readings would be slightly different
> but in my case, the differences are so great to make me think that
> the TS-450S didn't tune the circuit right on the above bands in the first
> place as evidenced by the terrible reading on the external SWR meter.
>
> Thanks ... Peter, KE6VMJ

Pete
The tuner in the 450 is matching the rig and it's meter to the
antenna, but remember the antenna hasn't changed..Since the
external meter is on the antenna it will still read the antenna's
swr..which will not be the same as the internal swr meter before
the 450's tuner.

Steve, WA2NHZ

2010. *SPAM APOLOGY*

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: cleopatra@cyberden.com
Message-ID: <166977501.11566646@cyberden.com>
Source record: 212315

Cleopatra records would like to express a public apology for the "SPAHN RANCH" Spam sent out over various newgroups. It was a misguided but well intentioned effort of a new and over zealous intern, who now has had his/her access to the companies email account revoked. We are sorry for the disruption to the newsgroups and Cleopatra wishes to be a responsible participant on the net.

Thank You - Cleopatra Records

2011. DX-70T Expanded freqs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <dnorris.17.0038C506@k7no.com>
Source record: 212316

I am still trying to find out how to 'open up' the rcve & xmit freqs for my Alinco DX-70T.

If anyone knows the "magic", please let me know.

TIA

Dean

/ K7NO /
* Man First: Fights for food *
* Then for rights *
* Then for power *
* That is why we can't all just get along *
/ dnorris@k7no.com - 71572.2126 CIS /

2012. Re: Announcing Kenwood TS-870S All-Mode HF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <43ddvr$ph0@newsbf02.news.aol.com>
Source record: 212317

In article <43ams7$j7v@bighorn.accessnv.com>, "Robert A. Kile"
<midnight@accessnv.com> writes:

>Subject: Announcing Kenwood TS-870S All-Mode HF
>From: "Robert A. Kile" <midnight@accessnv.com>
>Date: 15 Sep 1995 02:02:47 GMT
>
>Announcing The Kenwood TS-870S HF All-Mode Transceiver with Next
>Generation IF-Stage DSP. The Intelligent Digital Enhanced Communications
>System by Kenwood.
>

How many shipping cartons does it come with for all the guaranteed return
trips to factory for warrenty repairs. Can I get it with pre-paid and
addressed return labels? Is this radio guarateed in miles or hours?

2013. Re: Spahn Ranch linked with 2 Murders in Phili

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <43de0l$pic@newsbf02.news.aol.com>
Source record: 212318

In article <ssgreen-150995103626@greenberg-t.aero.org>,
ssgreen@aerospace.aero.org (Steve) writes:

>Cleo forgot to mention in the above article that the "vampire" was also a
>ham...
>
>Could be those scratches were really caused by a "rubber ducky"!
>
>
WWell that's the worst news I've heard in a long time. I think Mark
Fuhrman had something to do with this!

2014. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <43de1f$pis@newsbf02.news.aol.com>
Source record: 212319

For sale. New 3CX15000B7 amplifier. Bandswitched 160 through ten. 285 pound transformer, mercury power contactors, vacuum relays and variables, full features.

No license required. $7500 firm.

<snicker>

2015. Re: Spahn Ranch linked with 2 Murders in Phili

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: jrosenw@pgh.nauticom.net
Message-ID: <DEyE4q.6uB@pgh.nauticom.net>
Source record: 212320

Robert D Houghton (rhought@cello.gina.calstate.edu) wrote:
: Am I missing something here?

No, I do not think you are missing anything.
What I want to know about this thread, is what kind of antenna was used
for this 'link' to Spahn Ranch ?

(-: Keep Smiling :-)

--
+----------------------+---+
John E. Rosenwald	It is devastating to think that God will have
jrosenw@nauticom.net	you spend eternity with people that you won't
Amateur Radio: NM3P	even speak to right now.

2016. Mobile UHF Duplexer Recommend

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: MKWS78A@prodigy.com
Message-ID: <43cthj$1chs@usenetp1.news.prodigy.com>
Source record: 212321

Can someone recommend by manufacturer, a mobile duplexer
for the uhf band. and how and what equipment is needed to "tune"
them?
Any help appreciated
Bill

MKWS78A@prodigy.com

2017. Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: Richard.Anderson@f81.n289.z1.fidonet.org
Message-ID: <7ae_9509161641@woodybbs.com>
Source record: 212322

-=> Quoting Jeffrey D. Stai to All <=-

>I have a 2m Allmode (FT-290) and would like to get on 6m. Is a
>2m to 6m transverter available?

I think (someone told me about this) that their is a 10meter to
6meter converter... Their is a kit that you can get that U build
that will convert 10 to 6... look in some of the ham magines (SP)
(wont plug just one, their tooo many and dont want to offend)

But their several kits that you can get and on 6meters..

Richard...........N0ZDZ....

... Reality-ometer: [\........] Hmmph! Thought so...
--
|Fidonet: Richard Anderson 1:289/81
|Internet: Richard.Anderson@f81.n289.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

2018. Re: Yaesu FT-530 NICAD battery pack...HOW TO OPEN?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep15.170301.22155@ke4zv.atl.ga.us>
Source record: 212323

In article <orbelld-1409950910420001@204.41.1.203> orbelld@pcbe.edu.on.ca (David Orbell) writes:
>From the informative messages in this forum, I've come to the conclusion
>that I've got a bad cell in my NICAD 7.2 volt battery pack.
>
>Has anyone had any experience in opeing the battery packs from a FT-530?
>Can it be done in such a way, so that you can get it back together..... so
>that it will still attach properly to the FT-530?

Unfortunately, Yaesu packs are glued together. A method that works
pretty well is to throw it in the freezer for a couple of hours
then take it out and rap it sharply against the desktop. The glue
will have become brittle by the cold, and will usually part cleanly.
Once you've rebuilt the insert, just glue the pack back together.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2019. Announcing The Kenwood TS-870S HF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <43c2l1$3e6@bighorn.accessnv.com>
Source record: 212324

```
Announcing the New Kenwood TS-870S All-Mode HF Transceiver with Next
Generation IF-DSP.

<a href="http://www.accessnv.com/kenwood/">
```

2020. Faulty 2 meter ssb TR 7010 TX/RX help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: chris@chrisss.demon.co.uk
Message-ID: <811127200.29803@chrisss.demon.co.uk>
Source record: 212435
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.repair,uk.radio.amateur.

Hi

I Have a Trio TR7010 2 metre ssb tranceiver Which is refusing to resolve signals the only clue I can come up with is V.hot AF power transistors .

I looked in to sending it off for repair but was told it would cost
£35.00 an hour plus parts and as the set is pretty old it really
wouldn't be worth the expence.

is this a common problem on this set ?

can any one maybe explain the fault to me and a remedy.?

it seems to me that the AF transistors are displaying a symptom and possibly not the cause am I right.

any help in repairing this set would be greatfully appreciated.

Thanks
Chris Selwyn-Smith Landscape Services
chris@chrisss.demon.co.uk
G1RQZ Hampton Court

2021. Re: RC-1000 Repeater Controller???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: PKST66A@prodigy.com
Message-ID: <43ailn$vga@usenetp1.news.prodigy.com>
Source record: 212436

Dont waste your money, we did and are very sorry!

2022. Re: Ramsey FM-4 FM BCB xmtr kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <43ag12$3gt@vivanews.vivanet.com>
Source record: 212437

Rick Kissell (fedpress@omnifest.uwm.edu) wrote:
: Yeah, I know it's off-topic, but does anyone out there have any direct
: personal experience with Ramsey Electronics' FM-4 kit? I'm thinking about
: using it as part of a system for simultaneous translation of meetings, and I
: was wondering about range, sound quality, using it with boom-mike headsets,
: etc.

Yup, basically it's a piece of garbage. :-)

It's unstable, doesn't have enough power to transmit for more than
a few feet, and is prone to SEVERE microphonics.

- Rich

Rich Mulvey, N2VDS Rochester, NY USA
mulveyr@vivanet.com
n2vds@net.wb2psi.ampr.org
n2vds@wb2psi.#wny.ny.us

2023. Fair Price for a Kenwood TS-440s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: axn110@psu.edu
Message-ID: <43ancc$18vj@hearst.cac.psu.edu>
Source record: 212438

I have an extra TS-440S laying around and I was wondering what a fair price would be for this rig? It was literally *never* used and comes with a power supply

Thanks,
Adam

2024. Kenwood TS-530 Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: ajarvis@ramlink.net
Message-ID: <43b0gp$j4l@ram2.ramlink.net>
Source record: 212439

FOR SALE: KENWOOD TS-520 CLEAN AND IN GOOD WORKING ORDER
$360.00 PLUS SHIPPING.
CALL 606-836-6696 HOME OR 606=324-1726 WORK
EMAIL: ajarvis@ramlink.net

2025. re: for sale kenwood ts-520

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: ajarvis@ramlink.net
Message-ID: <43b1ba$jb5@ram2.ramlink.net>
Source record: 212440

For Sale Kenwood TS-520 Transceiver
$360.00 plus shipping with manual
email: ajarvis@ramlink.net
call 606-836-6696 home
or 606-324-1726 ext. 373 work

2026. FS: Drake R8 and DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: bodoh@dakota.net
Message-ID: <43bpa1$6oq@server2.dakota.net>
Source record: 212441
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.equipment

For sale: Drake R8 shortwave reveiver. Mint condition, with box, manual, RS232 cable and original packing material. Also includes Radio Shack DSP like new in box. Terms are $675 by Postal Money order, I pay your choice of UPS or USPS postage. Email me, or call 605-582-2328. Thanks...

Tom, N0YGT

2027. Re: Looking for a radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: rutledge@enuxsa.eas.asu.edu
Message-ID: <DEyMtK.158@ennews.eas.asu.edu>
Source record: 212442
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Rick Huebner (feh@gsu.cs.GaSoU.EDU) wrote:
: I am a Paramedic and am looking for a portable radio for personal use.
: It must be programmable transmit/receive for frequencies that I am
: interested in(police, fire, ems, hospital). These are all VHF freqs and
: must be able to handle programming of PL's for each freq. I would like
: at least 30 channels that can be scanned.

: I have seen a very nice Kenwood that someone told me was around $700.
: Any recommendations? Please email me if you don't mind. Thanks...

Most HT's (walkie-talkies) nowadays have the out-of-band receive feature;
for 2m HT's, it's usually about 130-something to 170-something MHz. If you
need anything out of this range a 2m HT definitly won't do. Some
can be modified to transmit out-of-band too. I don't know about programming
30 channels to be scanned though. I know there are scanning features but
whether they scan programmed channels or the whole band I'm not sure.
HT's are usually $200-$350 or so; more than that and you can get a dual
or 3 band radio that covers 440 and maybe 220 as well.
--
_______ KB7PWD @ N7MRP.AZ.US.NOAM shawn.rutledge@asu.edu
(_ | |_) html: http://enuxsa.eas.asu.edu/~rutledge/home.html
__) | | ____
* techno * virtual reality * capitalism * RISC * Gravis Ultrasound * ARS *

2028. Duplexer Wanted 2 Mtr/440

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: szrwryan@chip.ucdavis.edu
Message-ID: <43asju$m2c@mark.ucdavis.edu>
Source record: 212443

Looking for a duplexer for my dual band radio.
440/ 2 Meter
Thanks Rich WB6HNC rwryan@ucdavis.edu

2029. Re: RF output on TS-440S?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: turtle@wwa.com
Message-ID: <43bjpg$pks@sake.wwa.com>
Source record: 212444

AS AN OPERATOR OF THE KENWOOD TS440S HF TRANSCEIVER, I HAVE FOUND
THAT CONTROL OF THE SSB POWER FROM THE FRONT PANEL WOULD
SIMPLIFY THE OPERATION OF THE TRANSCEIVER. THEREFORE, I HAVE
DESIGNED AND INSTALLED A MODIFICATION ON MY RIG AND WOULD LIKE TO
SHARE THIS IMPROVEMENT WITH OTHER OWNERS OF THIS PIECE OF
GEAR. ON THE FOLLOWING IS A DETAILED DESCRIPTION OF THAT
MODIFICATION.

KENWOOD TS-440S SSB CONTROL
WITH THE FRONT PANEL CARRIER CONTROL KNOB

THE KENWOOD TS440S HF TRANSCEIVER IS PROBABLY ONE
OF THE BEST ALL AROUND RIGS FOR MOBILE OR PORTABLE
OPERATION, AS WELL AS A GREAT BASE RIG. WHILE THE
KENWOOD TS 440S IS A GREAT LITTLE RIG, IT DOES LACK
A FEW OF THE IMPROVEMENTS THAT THE ARE STANDARD IN
THE OTHER RIGS. ONE SUCH IMPROVEMENT IS CONTROL OF
THE SSB OUTPUT FROM THE FRONT PANEL. BEFORE THIS
MODIFICATION THE ONLY WAY TO ADJUST THE SSB OUTPUT
WITH OUT AN EXTERNAL CIRCUIT WAS TO DISASSEMBLE
THE BOTTOM HALF OF THE CASE AND ADJUST VR1 (ALC).

ALTHOUGH THIS IS A VERY SIMPLE MODIFICATION IF YOU ARE
NOT COMFORTABLE AT WORKING ON ELECTRONIC CIRCUITS DO
NOT ATTEMPT THIS MODIFICATION.

THIS MODIFICATION INVOLVES JUMPERING THE CATHODE OF D48
TO THE ANODE OF D51 ON THE IF BOARD.

1. REMOVE TOP COVER EXPOSING THE I.F. BOARD

2. LOCATE J28. IT IS A TWO (2) PRONG PLUG VECTORED
APPROXIMATELY 2 INCHES FROM THE BACK OF THE I.F.
BOARD AND IN THE CENTER OF THE BOARD. D48 IS
LOCATED JUST TO THE RIGHT OF PLUG J28.

3. NOW LOCATE J19. IT IS VECTORED APPROXIMATELY TWO (2)
INCHES FROM THE FRONT AND IN THE CENTER OF THE BOARD.
D51 IS LOCATED IN BACK OF PIN #8 COUNTING FROM THE LEFT.

4. PREPARE A FIVE INCH PIECE OF #22 HOOKUP WIRE BY STRIPPING
AND TINNING THE ENDS OF THE WIRE APPROXIMATELY ONE FORTH
OF AN INCH ON ONE END, ONE EIGHT OF INCH ON THE OTHER.

5. CAREFULLY APPLY SOLDER TO THE TOP OF D51.

6. CAREFULLY SOLDER THE ONE EIGHTH INCH END OF THE PREPARED WIRE TO TOP OF D51.

7. GENTLY FORCE THE OTHER END OF THE WIRE INTO THE TOP OF PIN #1 OF J28. PIN #1 IS THE ONE ON THE LEFT OF THE PLUG.

8. REASSEMBLE THE COVER.

WITH THIS MODIFICATION YOU CAN SOLDER THE WIRE TO THE FOILS ON THE BOTTOM OF THE I.F. BOARD, BUT IT REQUIRES UNPLUGING ALLOT OF PLUGS FROM THE I.F. BOARD.

WARNING: ALTHOUGH THE SWR PROTECTION CIRCUIT IS STILL IN PLACE, THIS MODIFICATION CAN PRODUCE POWER OUTPUTS THAT CAN EXCEED 180 WATTS AND DAMAGE THE FINAL TRANSISTORS SO BE CAREFUL!

"73" FROM KF9CM
GARY L. GILES
turtle@wwa.com

2030. test

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: vr2pk@hk.super.net
Message-ID: <43blnb$t3t@tst.hk.super.net>
Source record: 212445

testing.....

73

2031. TM-451A TX and RX down to 430.000 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: Jon Ferrall <jferrall@bright.net>
Message-ID: <43blfn$13e@brutus.bright.net>
Source record: 212446

Anyone out the know of a mod to the Kenwood TM-451A to allow operation down to 430.000 MHz ???? Please Post...Thanks

2032. Q : STANDARD C420 E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: potempa@ampere.Physik.Uni-Dortmund.DE
Message-ID: <43bo62$dqf@nx2.hrz.uni-dortmund.de>
Source record: 212447

Do somebody know how to expand the frequency range of STANDARD's
handheld UHF FM transceiver C420 E (E = Europe version, 430 - 440 MHz).

Jaroslaw Potempa
potempa@physik.uni-dortmund.de
DB6EF

2033. Re: Spahn Ranch linked with 2 Murders in Phili

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: Robert D Houghton <rhought@cello.gina.calstate.edu>
Message-ID: <43bs4t$rcc@cello.gina.calstate.edu>
Source record: 212448

Am I missing something here?

++++++++++++++++++++++++++++++	++
	AMSAT member #26148
Robert D. Houghton	digital satellites: KC6LVG@PACSAT
Science Department Chairman	Packet radio: kc6lvg@k6unq.#cas.na
John A. Rowland High School	Other internet:
Rowland Heights, CA 91748	kc6lvg@amsat.org
	rdhoughton@vms4.sci.csupomona.edu
++++++++++++++++++++++++++++++	++

2034. Request help on old amatuer radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: greybear@eskimo.com
Message-ID: <DExtBt.A2s@eskimo.com>
Source record: 212449

Respectfully seeking info on an old '41 Hallicrafter Sky Champion
that I just purchased today. While I originally went to get an old
Emerson radio, this was thrown in with the deal. Good shape. Looks
like, though certainly not sure, that with a new cord, and a string
for a volume pulley, that it might even work. Model number is S20R.
Has a metal case. Any info, history, and even a wild guess as to worth
would be greatly appreciated. Also, anyone know of a good source
of older microphones that would have been used with this radio?

Thanks,

John

2035. Re: RC-1000 Repeater Controller???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: degen1@bnl.gov
Message-ID: <degen1-1509951000160001@degen.rhic.bnl.gov>
Source record: 212450

In article <439hqp$9fs@warp.cris.com>, Btenison@cris.com (Bruce Tenison) wrote:

> Hi All! We're trying to get our club off the ground here in south Alabama
> (North Baldwin ARC) and are interested in upgrading our local repeater.
> At this point, we don't have a lot of money to spend on a controller, but
> have been looking at a controller marketed by Micro Computer Concepts in
> New Port Richey, Florida. It's called the RC-1000. Basically, I wanted
> to know if there is anyone out there using these and if so, what you
> think of them.

We've had ours for 6 years, and have been through 2 upgrades. Works flawlessly.

--
****
* Christopher M. Degen N2JCB * Internet: degen1@bnl.gov *
* Brookhaven National Laboratory * DECnet: BNLCL1::DEGEN *
* Building 1005 * *
* Upton NY 11973 USA * *
****

2036. WANTED HF LINEAR AMP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-15 00:00:00 UTC
From: ben@wantree.com.au
Message-ID: <43ca17$m71@vector.wantree.com.au>
Source record: 212451

HI,
I am after a HF Linear Amplifier about 1kw in Power.
Please leave me a message here or at VK6ANC Packet BBS.
Thanks
Ben VK6XC

2037. Using HT mic on Alinco DR610T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: mconner@monarch.papillion.ne.us
Message-ID: <43db8i$7hu@nlcnews.nlc.state.ne.us>
Source record: 212325
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.homebrew

I recently bought an Alinco DR610T and would like to use my headset microphone designed to be used with an Alinco/Yaesu/Icom HT. I've been told it's possible to make a circuit that will let it work with a mobile rig without completely tearing apart the mike. Has anyone built such a thing?

E-mail responses/copies appreciated, and I'll summarize responses if desired.

73 de Mark N9XTN

Mark D. Conner
Internet: mconner@monarch.papillion.ne.us
AMPRnet: N9XTN@WB0BLR.IA.USA.NA
"Paradigm shifting without a clutch" - Dogbert

2038. Need info on: SEEC T-1200 A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: pjka@jyu.fi
Message-ID: <PJKA.95Sep16005826@tukki.jyu.fi>
Source record: 212326

Would anybody happen to have a circuit diagram and/or service manual
for the handheld in question? (Here is the complete data on the rig:

Manufacturer: Sanwa Electric Engineering Co. LTD. (Yokohama Japan)
Type: SEEC T-1200 A
2m/FM Tranceiver
)

If anybody does I would like here from You.

--
\begin{stquote}
We [Doctors and Bartenders] both get the same two kinds of
customers -- the living and the dying.
-- Dr. Boyce, "The Menagerie" ("The Cage"), stardate unknown.
\end{stquote}
--
Pertti Karppinen, Student of Computer Science,	'Bridge Players
Mathematics department, University of Jyvaskyla, Finland	Do
Email: pjka@jyu.fi URL: http://www.jyu.fi/~pjka/	It
HAM: OH6KTR QTH: KP22UF	on the Table'

2039. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: danb@a.crl.com
Message-ID: <43d9jv$alk@nntp.crl.com>
Source record: 212327

jdb99@ix.netcom.com (jdb) wrote:

>Selling a transmitter to an UNLICENSED individual is
>simply WRONG. If a person is interested in becoming a ham
>he DOES not need a rig that will transmit. He needs nothing

Would you mind explaining, rationally, without resorting to ad hominem attacks, why it is wrong to sell a transceiver to an unlicensed individual? Neither the law nor morals is much based on need. I don't need a Porsche, in the strictest sense; that doesn't make it wrong for me to have one, or for someone to sell it to me.

I've already explained several legitimate reasons why an unlicensed person might want to buy a transceiver. The most basic are these: (1) the most common advice to people who want to learn code or other operating practices is to listen on the air, and (2) most new ham equipment is in the form of transceivers, not separate transmitter/receivers.

I bought a 2m HT before I received my license, so I could listen to the local repeaters and get used to the normal customs there. Why was it wrong for the dealer to sell it to me? Given that it's not wrong for me to listen to a repeater, why should I have to buy a scanner to do that, and pay almost as much as I'd pay for the HT?

--
Dan Brown, KE6MKS
danb@a.crl.com, NOT danb@crl.com
Don't tread on me.

2040. Yeasu FT-736R for SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: Joe Sanches <sanches@ix.netcom.com>
Message-ID: <43d9pg$81g@ixnews4.ix.netcom.com>
Source record: 212328

I have an Yeasu FT-736 R for sale.

Ideal for Satellite communications (2M/435 MHZ all Mode)

If interested please leave a message at

my Email address. TNX

Joe (Sanches@IX.netcom.com)

2041. 10 A Power Supply For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: andreas@karlsberg.usask.ca
Message-ID: <43dbei$a7f@tribune.usask.ca>
Source record: 212329

NPC 10 A cont. 13.8 V power supply for sale, asking $100, for more info mail
to ab403@sfn.saskatoon.sk.ca or call Sasa at (306)477-5939.
73's Sasa.

2042. FS: 10Hz-2.4Ghz Freq Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: cgcom@interactive.net
Message-ID: <43dbbl$mim@ruby.interactive.net>
Source record: 212330

Optoelectronics Model UTC3000 "Handi-Counter" 10Hz-2.4Ghz
universal frequency counter and timer. Clean, hardly used,
Ask only $199 or best offer. Can ship UPS pre-paid or COD.
-Charlie- cgcom@interactive.net

2043. need manual for R.S. dx-150

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: antenna@ix.netcom.com
Message-ID: <43dgof$3q5@ixnews6.ix.netcom.com>
Source record: 212331

Hello,

I am posting this for a freind (KO3L) who is in need of a service manual or a copy of service manual for a Radio Shack dx-150. Please e-mail me at (antenna@ix.netcom.com). Thanks in advance.

73 de Bob N3LSS

2044. TS-50 Internal Ant Ground Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: pineapp@netcom.com
Message-ID: <pineappDEzBr5.BB3@netcom.com>
Source record: 212332

Would like to informed all Kenwood TS-50 owners that Kenwood has
a minor hardware problem . The Problem is after normal installation
in a vehicle. That the ground connection point from the internal SO-259
connector to the Power Amp board will disconnect.

The fixed from Kenwood was to replace the solid piece of wire
and use a braided piece of wire.

What lead to this discovery was that my receiver was not hearing
the signal. I would slapped the radio and all was fine. So after digging
into the radio. I had noticed that the ground wire had broken at the
circuit board contact point.

--
.--+--------------------------.
INTERNET: pineapp@netcom.com (DC436)	Daniel Curry
AMPRNET : dan@wb6stw.ampr.org [44.4.20.144]	WB6STW
AX.25 : wb6stw@n0ary.#NOCAL.CA.USA.NA	DoD # 1450
'--+--------------------------'

2045. Re: Nicad no! Lithium metal hydride is best.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: bluospry@ix.netcom.com
Message-ID: <43dm3q$5as@ixnews2.ix.netcom.com>
Source record: 212333

While it is pointed out that alkalines that cost 50 cents and have 1400 mah and that Li metal hydrides cost about $4 to $5. However the Li metal hydrides are rechargeable over 500 times that makes the LmH about 1 cent per 1200 mah; that is 50 times the savings. If you are like me and take long backpacks with a very light solar setup on top of my pack, then it is even more odvious why I favor rechargeables. I rarely have a dead battery. 73s KD6RMD

2046. Looking for first handheld, suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: Scott Lawrence <lawrence@en.com>
Message-ID: <43fo47$3mm@antares.en.com>
Source record: 212334
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I just started studing for my tech test. I want to get a dual band handheld. Can anyone recommend one. A friend of mine who just got his license, bought a Icom IC-T21A. It's incredibily small!!! But its only 2 meter.

So if anyone has any suggestions, please email me..
lawrence@en.com

I'm just getting into this hobby, I have a million questions. If anyone would be willing to answer a few, I greatly appreciate it!

Thanks
Scott

2047. Guide to the Personal Radio Newsgroups

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <radio/personal-intro_811233929@rtfm.mit.edu>
Source record: 212335
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.2
Archive-name: radio/personal-intro
Revision: 2.1 1994/11/01 03:50:23
Posting-Frequency: posted on the 15th of each month

This message describes the rec.radio.amateur.*, rec.radio.cb,
rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet
mailing list counterparts and complements. It is intended to serve as a
guide for the new reader on what to find where. Questions and comments may
be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at
jmaynard@admin5.hsc.uth.tmc.edu. This message was last changed on 31 October
1994 to add the discussion of non-Usenet mailing lists and streamline most
of the history discussion, and to change the moderator information for
rec.radio.info.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list
for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions
were held on the mailing list, and sent to the mailboxes of those who had
signed up for it. When the Usenet software was created, and net news as we
now know it was developed, a newsgroup was created for hams: net.ham-radio.
The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became
progressively higher. First one by one, and then as part of two
reorganizations, what was once one group became many. In the process,
developments elsewhere on the net were reflected in the groups as they were
created, most notably the change to place all of the ham radio groups in one
hierarchy.

The collection of newsgroups continues to grow as more people join the net,
and as more topics of discussion gain volume, I expect to see more groups be
created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the
notable exception being rec.radio.swap. There are also a few mailing lists
that don't have newsgroups.

The Current Groups
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It's important to post messages to the group that's appropriate for them,
and not to the groups that aren't. The whole idea of having different
```

newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec-radio-info@stat.com. Inquires and other administrivia should be directed to rec-radio-info-request@stat.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas.

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send email with the word "subscribe" on a line by itself to cq-contest-request@tgv.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to

dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

All of the following mailing lists are sponsored to the Boston Amateur Radio Club, as well as some others of local interest. Thanks to N1IST for the information.

qrp-l: This is the qrp mailing list, previously maintained by Bruce Walker at Think.com. It is for discussions about the design, construction, and use of qrp (low power) radios and related equipment.
arrl-ve-list: This is a one-way list, run by Bart Jahnke of the ARRL VEC, for announcements to VEs and VE teams.
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
fox-list: Fox hunting and Radio Direction Finding
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: amateur radio license examinations scheduled in the US and in some foreign areas.

To sign up or inquire about these lists, send mail to listserv@netcom.com with the following in the body (subject is ignored) of the message.
<listname> is the name of the list to subscribe to.
To subscribe: subscribe <listname>
To unsubscribe: unsubscribe <listname>
For more information: help
To post (to the two-way lists), send your message to <listname>@netcom.com

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while

still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
"All is strange and vague." "Are we dead?" "Or is this Ohio?"
-- Yakko and Dot Warner

2048. Kenwood Communications Announces TS-870S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <43d9mt$o83@bighorn.accessnv.com>
Source record: 212336

Introducing the remarkable new TS-870S HF All-Mode Transceiver with Next Generation IF-Stage DSP. The Intelligent Digitally Enhanced Communications System...

http://www.accessnv.com/kenwood/

de Webmaster KG7D

2049. Alinco

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: Thomas Martin <tmartin@teclink.net>
Message-ID: <43e935$1mm@felix.TECLink.net>
Source record: 212337

Does anyone know how to get in touch with Alinco's tech support on the internet? I don't think they have a WWW site but do have an email address.

2050. Omni VI Software ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: FSWF37A@prodigy.com
Message-ID: <43e9oc$166g@usenetw1.news.prodigy.com>
Source record: 212338

Can anyone recommend DOS or Windows based software to control the TEN-TEC
Omni VI?
I would also like to hear from other owners about filter preferences, etc.

I'm still within the 30 day return window while I like the radio a lot,
maybe there are "features" I hav'nt found yet......

Thanks for reading
73, Jim WB2TPS

2051. Icom IC-575A for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: adam@tbsa.com.au
Message-ID: <43efdn$nsr@budapest.ozonline.com.au>
Source record: 212339

Hi!

I have an Icom IC-575A for sale.

Covers 26-55MHz continuous TX & RX. Has 100mems, DDS, PBT, inbuilt
mains supply. Is in E.C. Comes with original packaging, accessories
and service manual.

AUD$1500.00

Must sell to fund other ham purchases.

73 Adam VK3ALM (also via packet VK3ALM@VK3KSD)

2052. Skymaster software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: dany@world-net.sct.fr
Message-ID: <43elr8$i9u@aldebaran.sct.fr>
Source record: 212340

Does anybody know where to find a software called skymaster and
made by PC Lowe.
It is used to receive ACARS transmission
Thanks

2053. Re: Mobile UHF Duplexer Recommend

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: Andy Brinkley <brinkley@ols.net>
Message-ID: <43em7j$2ii@server2.ols.net>
Source record: 212341

MKWS78A@prodigy.com (William Rahl) wrote:
>Can someone recommend by manufacturer, a mobile duplexer
> for the uhf band. and how and what equipment is needed to "tune"
> them?
> Any help appreciated
> Bill
>
> MKWS78A@prodigy.com
>

Bill - I hope the following will help :

1. There are probably a dozen different brands of UHF duplexers available. My experience has been that you basically get what you pay for.

2. The primary type of duplexer that is used for mobile service is the "Notch/Band -Reject" type due to its small size and relativlty good isolation between the transmitter and the reciever.

3. Numerous books and magazine articles have been written about tuning duplexers, and somewhere I have a copy of one that is very good written by a fellow out in Arizona (I think). When I find it I will send you the name and where you can get a copy. This particluar book is very staright forward on how to tune the various types of duplexers.

4. If you are interested, I have some Motorola Model TFE-6030 UHF mobile duplexers that were removed from service on mobile phones. They have 4 cavities and are rated for 20 watts continous duty. The price is $50.00 each and this includes detailed instructions on how to tune the duplexer using a signal generator, receiver, wattmeter and UHF portable. Or for $30.00 extra, I'll tune the duplexer to your frequency.

5. Just out of curiosity, what are you going to set up that is mobile duplex?

If I can be of any further help, e-mail me at brinkley@ols.net

TNX Andy N4ROX

2054. Re: RF output on TS-440S?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: rcrgs@regcon.syr.servtech.com
Message-ID: <43f47q$ma3@murphy.servtech.com>
Source record: 212342

tigger@jcomm.uoregon.edu (Max Sabo) wrote:

Is it possible to turn down the RF output to do something in the
>range of QRP, or is it always at 100watts output?

Yes. Look at the upper left knob set. The chrome/silver, outter knob is labeled "CAR." This controls the drive/power out. If you switch the meter switch to PWR, you can watch the pwr out go up and down as you adjust the CAR knob. Make sure that you don't increase the carrier out to the point of overloading the ALC capability in the unit. You check this by putting the meter switch in the ALC position. If I want max power out, I adjust the CAR knob to just below the point where the ALC circuit starts to kick. If you then check the PWR setting, you'll see it's about 100 watts. For lower levels, the ALC is not operative. So, put the meter on PWR and adjust to the level you want. Remember, the meter is approximate, not dead accurate. Hope this helps.

...Robert

Robert G. Strickland KE2WY
rcrgs@regcon.syr.servtech.com
Syracuse, New York

2055. Radio lamps for equipment. Originally packed, non-used. 1940-60 production date. Manufacturers: COSSOR,TUNGSRAM,RFT,TESLA,... Replies through E-Mail only.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: "Maxim R. Savadian" <Maxim@extour.msk.su>
Message-ID: <AA-imMmW08@extour.msk.su>
Source record: 212343

[No readable article body recovered]

2056. Re: MFJ-422B Keyer & TS-440?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep16.085759.25087@ke4zv.atl.ga.us>
Source record: 212344

In article <43296p$h0g@geraldo.cc.utexas.edu> bhowell@mail.utexas.edu (Bill Howell) writes:
>I purchased used, an MFJ-422B keyer/paddle to use with my Kenwood ts-440s/at.
>It doesn't work correctly when the "direct out" is connected to the 440s' key jack.
>The "grid block out" jack doesn't work either *unless* I reverse the hot and ground leads.
>Has anyone else experienced this? This same problem occured when this keyer was used with an Icom rig.
>
>My question is: is it normal to have to reverse the keying lines, or is something wacky with the MFJ?

Grid block key lines are negative, so naturally wiring has to be reversed if you're keying a positive line. The fundamental problem, with Icoms at least (your Kenwood may be similar), is that they want to see a really really low low on their keying line, IE less than 0.2 volt to common. An ordinary bipolar keying transistor or open collector TTL gate is only going to provide a 0.6 to 0.8 volt to common. This is because of the intrinsic diode drop in the transistor. That won't key the Icom reliably. In TNCs, the solution is to use a VMOS FET as the keying transistor, at saturation it has less than a 0.2 volt drop to common. In older circuits, a keying relay is used. In the grid block keying circuit, the diode drop works for you when wired backwards, and will give a keying potential of -0.6 volts (relative) to rig common, which will work on a low current line (less than 1 mA), though it violates design rules. (You could have troubles with power supply common for the rig and keyer.)

This is all rather Mickey Mouse, and use of a keying relay, a reed relay will easily keep up with your keying speed, is probably a more universal and better design. It doesn't care about keying voltage polarity, and it'll give a nice solid low. You'll wear out your key before you wear out the relay.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2057. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep16.091924.25211@ke4zv.atl.ga.us>
Source record: 212345

In article <432lgc$hrr@ixnews7.ix.netcom.com> jdb99@ix.netcom.com (jdb) writes:
>In <DEpqGI.GBI@world.std.com> jjmartin@world.std.com (Jim Martin)
>writes:
>>jdb99@ix.netcom.com (jdb) sed:
>>
>>:>" WE DO NOT SELL AMATEUR RADIO EQUIPMENT CAPABLE OF TRANSMITTING
>>:> TO ANYONE WHO DOES NOT HAVE AN AMATEUR RADIO LICENSE."
>>
>>You probably had a water fountain with a sign over it that said,
>>"WHITES ONLY" too.
>
>
>Not hardly, since that is a social issue and has nothing
>to do with the "PRIVILEDGE" you are granted to operate
>a transmitter in the Amateur Radio Service once you obtain
>a license from passing the required test elements.
>I find it typical of those whose moral values are questionable
>to always revert to the use of social issues as a comparison
>when they have nothing to do with the question at hand.

This is typical of the muddled thinking promoted by our
school systems. We all own the spectrum, under the doctrine
of the Common Heritage of Mankind (the basis of all commons
management law). We grant the government the *privilege* of
managing that commons for us, and allow them to limit our access
to our property right in the commons in order to satisfy the public
interest in order and public safety. Never forget who's the master
and who's the servant here. The government can't grant us a right
we don't already hold since rights are inherent and inalienable.
They can only infringe rights by consent or by force.

Our licenses are merely a promise by the government that they
won't use force against us for exercising our inherent property
right in the commons in certain ways.

A course on the basis for the legitimacy of government power
should be required of all citizens. When we fail to recognize
the proper hierarchy of roles, we can be fooled into allowing
tyranny free rein.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us

Lawrenceville, GA 30244 | |

2058. Re: Faulty 2 meter ssb TR 7010 TX/RX help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep16.093339.25357@ke4zv.atl.ga.us>
Source record: 212346
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.repair,uk.radio.amateur.

In article <811127200.29803@chrisss.demon.co.uk> chris@chrisss.demon.co.uk (Chris Selwyn-Smith) writes:
>I Have a Trio TR7010 2 metre ssb tranceiver Which is refusing to
>resolve signals the only clue I can come up with is V.hot AF power
>transistors .
>
>I looked in to sending it off for repair but was told it would cost
>£35.00 an hour plus parts and as the set is pretty old it really
>wouldn't be worth the expence.
>
>is this a common problem on this set ?
>
>can any one maybe explain the fault to me and a remedy.?
>
>it seems to me that the AF transistors are displaying a symptom and
>possibly not the cause am I right.

If the AF output transistors are getting very hot, that's a sign of a severe problem. The most likely cause is that the transistors are shorted, probably as a result of a previous short or open in the speaker circuit, or because of a power surge. It is also possible that they are being driven into saturation by a component failure in their input bias circuit, or that there is a short in the output circuit. The latter could be a defect in the headphone jack.

The first thing I'd do is check the transistors. The second thing would be to measure static operating voltages at the transistor terminals in order to determine if the fault is the result of an input bias problem or an output short. At that point you're down to the component level and can replace the defective part(s).

If the AF stage is all that's fried, this is a rather no-brainer repair. However, if the problem is the result of a power surge, there could be other things wrong as well. That could be a nasty, and expensive, repair.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2059. Re: GPS Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep16.094227.25537@ke4zv.atl.ga.us>
Source record: 212347

In article <43b7bn$t53@crow.cybercomm.net> Stephan Rashkin <stever@raven.cybercom.com>
writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>>
>> Discount Marine, or one of the other marine chains, have the best
>> prices, and often have sales with even better prices. Last I looked
>> the Garmin 45 was $199, but I've seen it on sale for even less.
>
>I agree with you on the Garmin 45...I am very happy with mine,
>but where did you see them for 199 bucks or less...I got mine
>this summer for 270 bucks and I thought that was good.

The prices just keep falling. That last price came from a
end of season sale flyer. It pays to shop around, and watch
the sale flyers. I've seen the unit priced everywhere between
$299 and $179 at various places and various times. From what
I've heard, the Garmin 45 is being discontinued for a new
model, so clearance sales are occurring.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2060. Re: RC-1000 Repeater Controller???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <43fdr3$l6c$3@mhadf.production.compuserve.com>
Source record: 212348

My opinion is IF you want the best for yuor money, get a CAT
controller or a LinkCom...the RC1000 is not much more than a
small PCB controller...somewhat limited and overpriced
considering what the others cost

Chris
WB5ITT

--

Chris Boone WB5ITT Compuserve 72732,2610
PO Box 3102 FIDO 1:106/4267
Conroe, Texas 77305-3102 Sysop WBBS @ 409-447-4267

2061. Need: ICOM 2000H TX Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: dab2@Ra.MsState.Edu
Message-ID: <43fe3p$m84@NNTP.MsState.Edu>
Source record: 212349

Hello,
I am looking for extended TX/RX mod for the ICOM 2000H.
I have checked Oakland database with no luck :(

Thanks for your time. :)

73 de KC5AAW

David A. Boackle dab2@ra.MsState.edu Mississippi State University

2062. Re: repeater controller search for info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <43fdu8$l6c$4@mhadf.production.compuserve.com>
Source record: 212350

Buy either a LINKCOM RLC 2,4 or 5 model or look at the CAT
300,500 or 1000 series...

Or I have a RC850 used for sale...
V3.8 software

73
Chris

--

Chris Boone WB5ITT Compuserve 72732,2610
PO Box 3102 FIDO 1:106/4267
Conroe, Texas 77305-3102 Sysop WBBS @ 409-447-4267

2063. CB prices in the USA

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: auberson@iprolink.ch
Message-ID: <43fgs5$12t6@fox.iprolink.ch>
Source record: 212351

Hello, i'm going to buy a new CB or vht transmitter,my father go in
the usa next mounth,i just want to have an idea about american prices
give some firsts prices or cs shops www adresses.

Thank You

Julien

2064. wtb: Heath HW-99 Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: lewise@bga.com
Message-ID: <43fibs$24u@giga.bga.com>
Source record: 212352

Original or Copy

Larry Wise KA5T lewise@bga.com
Georgetown, Tx

2065. Re: R5 or Butternut HF-6VX or Hustler 5-BTV ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: marvin21@delphi.com
Message-ID: <hnLgNHX.marvin21@delphi.com>
Source record: 212353

scott i have used the r5, r7 and hf-6vx. all three are good antennas. comments:

1. if you have lots of gnd radials i suggest the hf-6v.

2. if you don't care about 40m operation and don't have radials use

the r5. the r7 like the r5 works well with poor gnd - - but it slightly

reduces the 20,17,15,12 and 10m bandwidths relative to the r5.

marvin w2ah/

2066. Re: atlas radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: marvin21@delphi.com
Message-ID: <hHEANVe.marvin21@delphi.com>
Source record: 212354

at the recent southwestern division arrl convention in long beach, california, i visited the atlas booth (stand) and was told the the owner had been ill but now okay (recovered) and the radio would be produced soon. BUT

why would aanyone buy this transceiver. the technology is ten years our of date (obsolete). i simply do not understand why anyone would favor this radio over the several modern technology transceivers. what (if anything am i missing? Marvin W2AH/6

2067. Re: Raynav 750 Loran info?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: davew@cruzio.com
Message-ID: <DF0rGo.MFn@cruzio.com>
Source record: 212355

rex_allers@3mail.3com.com (Rex Allers) wrote:
>
>I bought a Raynav 750 Loran C navigation unit at a flea market. I'm not a
>pilot or a sailor, but by trial and error I was able to get it configured to
>find a master and two slave stations, and it gives me Longitude and Latitude.
>Unfortunately it seems to be off about 8 - 10 miles. I don't know if it needs
>calibrated or if I just haven't fed it all needed parameters. It has numerous
>settngs and modes. I deduced some of it but most is unknown.
>
>I'd like to use it to ease grid square determination for microwave contests.
>
>Does anybody know how I can get operator or service documentation on this
>thing? Its made by Raytheon, looks to be about late-70's or early-80's vintage.
>
>
Raytheon Marine is alive and well and living in Manchester, N.H. I do not have their number with me now but they have an
800 number you could get from information. If you cannot get it, e-mail me and I will locate it for you.

73 de Dave KD6TO davew@cruzio.com

2068. Re: Err 2 on HTX 202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: rpo3352@omega
Message-ID: <43fgg6$qsa@utaipx02.uta.edu>
Source record: 212356

Abraham Stavsky (ag001@lafn.org) wrote:

: The antenna in the HTX 202 seems to like redirecting the RF back to the set
: causing the PLL to unlock, thus giving the message "Err 2" and
: requiring the unit to be returned to Tandy for servicing. Is this something one
: can fix one's self or is it a constant problem with that model? I am
: thinking of what to do with it when the warranty expires.
: Thanks
: KE6OCM
: --
: pax vobiscum

The PLL unlock is caused by RF getting back into the unit. It almost never happens unless you use the duck and external power (or a 12V pack). You do not have to return the unit for service when you get the error...simply reset it.

To prevent the problem, use an off-unit antenna when you use the radio from external power.

Paul Opitz, N5TPQ

2069. WANTED: Breakdown of Keypad Functions for HTX-404 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: Neil Gjere <ngjere@skypoint.com>
Message-ID: <43fm3i$cjc@stratus.skypoint.net>
Source record: 212357

Would someone be kind enough to post information regarding the
function keys for this particular unit.

Thanks

2070. handheld, fast DTMF speed, 9600bps data port

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <43fmhv$q0o@news.xmission.com>
Source record: 212358

Hi, does anyone know of any VHF/UHF HT radios besides the Alinco DJ-580T that can send DTMF tones _really_ fast? Thanks for any info!

The Alinco DJ-580T has an undocumented feature that allows the DTMF sending speed to be set, over a wide range (16 different settings). You do F-FL/PL, then # 1 2 3 to change to the next slower DTMF sending speed. Speed 5 is the fastest speed that can be decoded by my Standard C5718DA radio, and that speed is too fast to dial a phone number with. I think I can dial phone numbers with speed 6 or 7, though, which is faster than the default speed (which is "A", if I remember correctly).

I ask if any other radios can send DTMF tones fast, because I lost my Alinco HT earlier today while hiking. Rats! I am wondering what model of radio to replace it with. The DTMF sending speed is actually a major factor to me, believe it or not. I like to use DTMF paging, on the wide-area 449.1 repeater hear in Salt Lake County, Utah. It works great!

I also wish there were a handheld transceiver that had a 9600bps G3RUH-type packet radio port -- one that I could use without having to modify a radio. There are mobile radios with 9600bps data ports, so I sure hope that a handheld comes out with this feature soon. I tried to modify a Radio Shack HTX-404 for data use a few times, but never got it to work. I need a better soldering iron, I think. I got TX and RX to work at different times but not together, and my poor soldering damaged the radio a couple of times.

Best Regards!

2071. Question/Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: andrew_taylor@mindlink.bc.ca
Message-ID: <43fncj$k44@fountain.mindlink.net>
Source record: 212359

I have a two meter hand held radio, It was keyed up without an antenna
for about a second.....Is there likely to have been any damage?

AJT

2072. CITY107

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: martin.voss@star.ct.se
Message-ID: <ftn_2.203.420_55f9d4ee_Martin.Voss@star.ct.se>
Source record: 212360

```
+COMP.SYS.MAC.MISC
%LIST
%QUERY
```

2073. RF output on TS-440S?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: phil.heaton@totrbbs.radio.org
Message-ID: <12973.12.uupcb@totrbbs.radio.org>
Source record: 212361

-=> Quoting Max Sabo to All <=-

MS> I am kind of embarassed to ask this question, but I own a TS-440S and
MS> I have never figured out how to turn down the RF output going to the
MS> antenna. There is an AF knob, which is the volume, and then there is
MS> an RF knob, which seems to only attenuate the RF coming into the set
MS> on recieve. Is it possible to turn down the RF output to do something
MS> in the range of QRP, or is it always at 100watts output?

MS> Any help will be appreciated.

Look for a "carrier" knob, go to CW mode, set it to your
heart's content.

Phil, KE4KRT

___ Blue Wave/OS/2 v2.20

Top Of The Rock BBS - Lilburn, GA
Phone: +1 770 921-8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

2074. 10A 13.8V Power Supply For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: andreas@karlsberg.usask.ca
Message-ID: <43dson$mee@tribune.usask.ca>
Source record: 212362

NPC 10 A cont. 13.8 V power supply for sale, only $100. For more info e-mail to ab403@sfn.saskatoon.sk.ca or call Sasa @ (306)477-5939.
73's Sasa

2075. Looking for i-phone equipped ham in Midwest to broadcast 3898kc swap

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: willhelm@ix.netcom.com
Message-ID: <43du24$d64@ixnews3.ix.netcom.com>
Source record: 212363

Hello, Bill here in Las Vegas, Nv. I am looking for a Midwestern ham who has i-phone capability that would be willing to monitor and rebroadcast (in real time) the 3898 kc Monday and Friday night swap meet on his internet phone connection for others here on the West coast to listen to. In exchange for this effort i would be happy to do the same thing with the Saturday and Sunday west coast trader net that starts at 12:30 pacific time on 7240 kc. The west coast net has been in operation for over 15 years now and has several hundred check-ins every weekend with buy,sell and trade ham items. The midwestern net usually starts (or used to) about 6 to 6:30 pm CST. By the time the band opens here to the west coast in the evening the net is usually over. If your an i-phone equipped midwestern ham who is interested in this activity i would like to hear from you. It is perfectly legal and you might find that bargain you have been looking for on the other side of the country listed on our swap net.....

Thanks in advance, and lets hear from someone about this idea !!

Bill Dillstrom -- KA0SCM/7 -- Las Vegas, Nevada

2076. Mirage B3016 2 meter 160 watts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: rickham@ix.netcom.com
Message-ID: <43dvj3$djh@ixnews3.ix.netcom.com>
Source record: 212364

I have a 2 meter 160 watt allmode amp for sale.Covers 144-148 and 30
watts in gives you 160 watts out.Asking $150 plus shipping.
Contact Rick at (617) 438-6320....

2077. Doppler RDF gear for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: tlewis@dfw.net
Message-ID: <43g05a$ehq@dfw.net>
Source record: 212365

Doppler RDF gear for sale!

The AB5CK Doppler is now available is many forms.

From fully assembled and calibrated units to PC boards.

Parts for boards are also available.

If you are interested in more information on the AB5CK Doppler,
please inquire to my E-Mail address for pricing and various
options.

73!
Tom Lewis
AB5CK Dopplers
tlewis@dfw.net

2078. Re: Kenwood TH79AD help.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-1609952312230001@blv-pm2-ip22.halcyon.com>
Source record: 212366

In article <seguine-1409951521010001@marg.interval.com>,
seguine@interval.com (Christopher Seguine) wrote:

> I performed surgery on my TH79AD and removed the two microscopic diodes at
> D304 & D307. According to the Artsci book and the mod at oak.oakland it
> should now tune from 67-174 and 400-511. Mine will only tune from 118-174
> and 410 to 470. Are you suppose to cut the green wire (MARS/CAP mod) as
> well? Or did they change newer radios to be more restricitve?
>
> -chris
>
> --
> Christopher Seguine seguine@interval.com
> Interval Research Corporation
>
> -----BEGIN PGP PUBLIC KEY BLOCK-----
> Version: 2.6.2
>
> mQCPAzAyOOAAAAEEAJ6ML0YYW5jYdFNH/WBZTsgcc9T3j3aQYfX5Af/0QqM7N23E
> 8SbjNO3b5/QN9Wy4hoeaJnEQZN5EIMgq8SJIvBaOyR5e1HnK+1CCGSihQ5UkAO5S
> 3mh7NskDxzaNHqbGsOUU2RAP0Z1ef7QfmRwByHhSzX8Mz09oTxe3a23bJso5ABEB
> AAG0KkNocmlzdG9waGVyIFNlZ3VpbmUgPHNlZ3VpbmVAaW50ZXJ2YWwuY29tPg==
> =ngrE
> -----END PGP PUBLIC KEY BLOCK-----

I read here a while back that the TH 79A was fully modifyable but the
AD was only partially modifyable, much as you indicate. Good Luck. Dave
AB7FV

2079. Re: Kenwood Communications Announces TS-870S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-1609952316250001@blv-pm2-ip22.halcyon.com>
Source record: 212367

In article <43d9mt$o83@bighorn.accessnv.com>, "Robert A. Kile"
<midnight@accessnv.com> wrote:

> Introducing the remarkable new TS-870S HF All-Mode Transceiver with Next
> Generation IF-Stage DSP. The Intelligent Digitally Enhanced
> Communications System...
>
> http://www.accessnv.com/kenwood/
>
>
> de Webmaster KG7D

Great! What is the street price and has anybody been able to play
with one yet? Did it retain all the great receive qualities of the 850?

Dave, AB7FV

2080. Has anyone seen a Kenwood TS-870-S? $?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-1609952319160001@blv-pm2-ip22.halcyon.com>
Source record: 212368

Have you seen or played with a TS-870-S? Do you know the street price?
I'm hoping to see it ASAP but am dying to know the price.

Thanks,

Dave, AB7FV

2081. ___This Group Is NOT For Sales or Purchases___

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: anonymous-remailer@shell.portal.COM
Message-ID: <199509162030.NAA19976@jobe.shell.portal.com>
Source record: 212369

The charter of this group states that it is for discussion of equipment-related issues. It is not the place to post equipment for sale or wanted to buy.

All ads should be posted to Rec.Radio.Swap.

If you insist on doing otherwise, be prepared for e-mail from many readers advising you of your error.

Thankyou.

2082. ___This Group Is NOT For Sales or Purchases___

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-16 00:00:00 UTC
From: anonymous-remailer@shell.portal.COM
Message-ID: <199509162030.NAA19946@jobe.shell.portal.com>
Source record: 212370

The charter of this group states that it is for discussion of equipment-related issues. It is not the place to post equipment for sale or wanted to buy.

All ads should be posted to Rec.Radio.Swap.

If you insist on doing otherwise, be prepared for e-mail from many readers advising you of your error.

Thankyou.

2083. FS: Astra Corp High Current DC Power Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: esprit@ix.netcom.com
Message-ID: <43foip$6sp@ixnews5.ix.netcom.com>
Source record: 212371

Incrediably durable 14 volt @ 100 amp or 28 volt at 50 amp DC power supplies. Extremely accurate voltage and current meters. Output voltage is variable.

Have 2 that I bought 1 1/2 years ago and haven't had a chance to put them to use. Now I'm moving and can't take them with me.

Both are still boxed and ready to shipped to you.

I'll let them both go at $900 + shipping, or each for $500 + shipping.
Weight: 160 pounds each.

E-mail at Esprit@ix.netcom.com or call 708-584-6152 (Chicago, IL)

2084. Astron Corp High Current DC power Supplies

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: esprit@ix.netcom.com
Message-ID: <43fq2i$7g2@ixnews5.ix.netcom.com>
Source record: 212372

I have 2 DC power supplies:

13.8 volts at 37 amps continuous
$200 + shipping

28.0 volts at 18 amps continuous
$275 + shipping

Or both for $425 + shipping

Both are 19 inch rack mountable. Both have lighted current and voltage meters.

Both have very low hours and are in excellent condition. I have them packed in original cartons and ready to ship.

E-mail at Esprit@ix.netcom.com or call 708-584-6152 (Chicago, IL)

I have 2 DC power supplies:

13.8 volts at 37 amps continuous
$200 + shipping

28.0 volts at 18 amps continuous
$275 + shipping

Or both for $425 + shipping

Both are 19 inch rack mountable. Both have lighted current and voltage meters.

Both have very low hours and are in excellent condition. I have them packed in original cartons and ready to ship.

E-mail at Esprit@ix.netcom.com or call 708-584-6152 (Chicago, IL)

2085. FS: Astron Corp High Current DC power Supplies

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: esprit@ix.netcom.com
Message-ID: <43fq6g$549@ixnews3.ix.netcom.com>
Source record: 212373

I have 2 DC power supplies:

13.8 volts at 37 amps continuous
$200 + shipping

28.0 volts at 18 amps continuous
$275 + shipping

Or both for $425 + shipping

Both are 19 inch rack mountable. Both have lighted current and voltage meters.

Both have very low hours and are in excellent condition. I have them packed in original cartons and ready to ship.

E-mail at Esprit@ix.netcom.com or call 708-584-6152 (Chicago, IL)

2086. Equipment for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: jzuehsow@interserv.com
Message-ID: <43ft3h$5g2@data.interserv.net>
Source record: 212374

Lots of miscellaneous microwave equipment for sale. Everything from Scientific/Atlanta video
receivers to 11GHz microwave system. 11 GHz 10 watt HewlettPackard amplifier. All priced for quick sale.
Call for information. Jim 907-694-2686 or leave me a message at jzuehsow@interserv.com

2087. Re: MFJ-422B Keyer & TS-440?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: DB Wilhelm <w3fpr@nando.net>
Message-ID: <43ft97$m3i@parsifal.nando.net>
Source record: 212375

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
> This is all rather Mickey Mouse, and use of a keying relay, a reed
> relay will easily keep up with your keying speed, is probably a more
> universal and better design. It doesn't care about keying voltage
> polarity, and it'll give a nice solid low. You'll wear out your key
> before you wear out the relay.
>
I have often wondered why keyer manufacturers go to great extremes
to provide all those different output connections, along with
sometimes complex instructions defining how to hook this to that.
IMHO, a cheap, fast relay would provide a universal solution.
I know of no rig that will not respond correctly to a contact
closure on the keying line. Maybe the transistors are cheaper
than a relay, but all other things considered, the relay may be
cheaper than all the other support stuff.

What a tangled web we weave sometimes when we forget the KISS
principle.

73,
Don W3FPR

2088. HamView Products on the WWW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: Paul Keezer <logview@keez.tiac.net>
Message-ID: <43fts8$qn3@sundog.tiac.net>
Source record: 212376

Finally a WWW page has been set up for HamView products, a
Windows based Ham Radio program. This page can now be located
at http://www.tiac.net/users/pkeezer/hamview.htm
There is an upgrade file right now for Win95, but the bug has
only been corrected in Logview 5.0 Come and check us out.

Paul Keezer, President of PDK Inc.

2089. Re: RF output on TS-440S?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: "Gary KF9CM"
Message-ID: <43fv59$t19@sake.wwa.com>
Source record: 212377

AS AN OPERATOR OF THE KENWOOD TS440S HF TRANSCEIVER, I HAVE FOUND
THAT CONTROL OF THE SSB POWER FROM THE FRONT PANEL WOULD
SIMPLIFY THE OPERATION OF THE TRANSCEIVER. THEREFORE, I HAVE
DESIGNED AND INSTALLED A MODIFICATION ON MY RIG
AND WOULD LIKE TO SHARE THIS IMPROVEMENT WITH OTHER OWNERS OF
THIS PIECE OF GEAR. ON THE FOLLOWING IS A DETAILED DESCRIPTION OF
THAT MODIFICATION.

KENWOOD TS-440S SSB CONTROL
WITH THE FRONT PANEL CARRIER CONTROL KNOB

THE KENWOOD TS440S HF TRANSCEIVER IS PROBABLY ONE
OF THE BEST ALL AROUND RIGS FOR MOBILE OR PORTABLE
OPERATION, AS WELL AS A GREAT BASE RIG. WHILE THE
KENWOOD TS 440S IS A GREAT LITTLE RIG, IT DOES LACK
A FEW OF THE IMPROVEMENTS THAT THE ARE STANDARD IN
THE OTHER RIGS. ONE SUCH IMPROVEMENT IS CONTROL OF
THE SSB OUTPUT FROM THE FRONT PANEL. BEFORE THIS
MODIFICATION THE ONLY WAY TO ADJUST THE SSB OUTPUT
WITH OUT AN EXTERNAL CIRCUIT WAS TO DISASSEMBLE
THE BOTTOM HALF OF THE CASE AND ADJUST VR1 (ALC).

ALTHOUGH THIS IS A VERY SIMPLE MODIFICATION IF YOU ARE
NOT COMFORTABLE AT WORKING ON ELECTRONIC CIRCUITS DO
NOT ATTEMPT THIS MODIFICATION.

THIS MODIFICATION INVOLVES JUMPERING THE CATHODE OF D48
TO THE ANODE OF D51 ON THE IF BOARD.

1. REMOVE TOP COVER EXPOSING THE I.F. BOARD

2. LOCATE J28. IT IS A TWO (2) PRONG PLUG VECTORED
APPROXIMATELY 2 INCHES FROM THE BACK OF THE I.F.
BOARD AND IN THE CENTER OF THE BOARD. D48 IS
LOCATED JUST TO THE RIGHT OF PLUG J28.

3. NOW LOCATE J19. IT IS VECTORED APPROXIMATELY TWO (2)
INCHES FROM THE FRONT AND IN THE CENTER OF THE BOARD.
D51 IS LOCATED IN BACK OF PIN #8 COUNTING FROM THE LEFT.

4. PREPARE A FIVE INCH PIECE OF #22 HOOKUP WIRE BY STRIPPING
AND TINNING THE ENDS OF THE WIRE APPROXIMATELY ONE FORTH
OF AN INCH ON ONE END, ONE EIGHT OF INCH ON THE OTHER.

5. CAREFULLY APPLY SOLDER TO THE TOP OF D51.

6. CAREFULLY SOLDER THE ONE EIGHTH INCH END OF THE PREPARED WIRE TO TOP OF D51.

7. GENTLY FORCE THE OTHER END OF THE WIRE INTO THE TOP OF PIN #1 OF J28. PIN #1 IS THE ONE ON THE LEFT OF THE PLUG.

8. REASSEMBLE THE COVER.

WITH THIS MODIFICATION YOU CAN SOLDER THE WIRE TO THE FOILS ON THE BOTTOM OF THE I.F. BOARD, BUT IT REQUIRES UNPLUGING ALLOT OF PLUGS FROM THE I.F. BOARD.

WARNING: ALTHOUGH THE SWR PROTECTION CIRCUIT IS STILL IN PLACE, THIS MODIFICATION CAN PRODUCE POWER OUTPUTS THAT CAN EXCEED 180 WATTS AND DAMAGE THE FINAL TRANSISTORS SO BE CAREFUL!

"73" FROM KF9CM
GARY L. GILES
turtle@wwa.com

2090. Yaesu Mil Spec Dual Band Mobile?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: Lord GAD <73110.250@CompuServe.COM>
Message-ID: <43fvcr$ge5$1@mhade.production.compuserve.com>
Source record: 212378

Does anyone know if Yaesu is going to release a Dual-band mobile rig that will be mil-spec? I love the 2500, but want a dual bander. Am looking at the Kenwood 733, but really want mil-spec.

Thanks

--
His Eminence, Lord GAD

2091. RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: ag001@lafn.org
Message-ID: <1995Sep17.013035.17282@lafn.org>
Source record: 212379

Radio Shack should include this warning with the very poor instruction book they include with their HTX-202, which I understand is mfg. for them by Icom in Korea: never plug your 202 into the cigar lighter with your 12-volt+ battery UNLESS you're using an external antenna (like a mag-mount). If you use the rubber duckie, the 5+ watts of RF you generate feed back into the set, causing the PLL to unlock, thereby rendering your HT useless until repaired. I've gotten so cautious I won't even use the HT inside the car with the NiCad, because the metal and windshield might cause same problem.

If anyone knows a way around this, or how ro reset the PLL once unlocked, I'd be very grateful to hear from them.

KE6OCM
--
pax vobiscum

2092. trade HF mobile antenna for .....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: szhall@chip.ucdavis.edu
Message-ID: <43fp0e$t8i@mark.ucdavis.edu>
Source record: 212380

I have a Hustler ant. with 10,15,20 and 40 meters with mask and spring
I would like to trade for one of the following items and cash if
needed..I want a portable scanner, portable Short Wave radio, CW
interface for Mac or a small 10-20 meter beam..phone home at
916-756-1531 or work at 916-752-3982..By the way the antenna is in
excellent shape...thanks..73es..Jeff

2093. Re: RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: mri@clark.net
Message-ID: <43gbl5$kn9@clarknet.clark.net>
Source record: 212381

Abraham Stavsky (ag001@lafn.org) wrote:
:
: Radio Shack should include this warning with the very poor instruction
: book they include with their HTX-202, which I understand is mfg. for
: them by Icom in Korea: never plug your 202 into the cigar lighter with
---
HTX-202 is mfg by Maxon, not Icom (even though some Icom accessories work)

: your 12-volt+ battery UNLESS you're using an external antenna
: (like a mag-mount). If you use the rubber duckie, the 5+ watts of RF
: you generate feed back into the set, causing the PLL to unlock,
: thereby rendering your HT useless until repaired. I've gotten so
: cautious I won't even use the HT inside the car with the NiCad, because
: the metal and windshield might cause same problem.
:
: If anyone knows a way around this, or how ro reset the PLL once unlocked,
: I'd be very grateful to hear from them.
:
: KE6OCM

The problem you describe is not a problem with the radio, but rather
the way it is in operation. When attached to the 12 vdc and using a
rubber duck antenna, the RF from the antenna is being jammed right back
into the radio thru the unshielded 12 vdc line.

If you are running as a mobile, the grounded coax line to the antenna
provides a more than ample isolation. You mentioned a mag-mount....
These are ungrounded antennae. RF may still be floating around.

Suggestions:
Run a truly grounded mobile antenna.
Run a grounded shielded 12 vdc line to your HT.
Use a 12 vdc battery pack on the bottom of your HT and
eliminate your exposed DC line.

Hope this helps ..... -= 73 =- john k3nxu jlamar@yrkpa.kias.com

2094. RC-85 Controller in Need of a Chip!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: cyclone@nyc.pipeline.com
Message-ID: <43gg90$rat@pipe1.nyc.pipeline.com>
Source record: 212382

--
Michael Cintron

Hi all, I have a RC-85 Repeater Controller
that is in Need of a
Intel Page Mode 27C011 EPROM CHIP. Does anyone have this Chip or know of a
Place that
has this Chip in stock....

73,s KB2ITR
EMAIL ADDRESS:
cyclone@pipeline.com

2095. * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: random@neural.helix.com
Message-ID: <199509170731.HAA02232@mail.Microserve.Net>
Source record: 212383

The charter of this group states that it's a forum for discussing issues relating to Amateur Radio (Ham) equipment. It is specifically NOT intendd as a place to post equipment for sale, or wanted to buy.

The proper place for all such ads is Rec.Radio.Swap.

If you insist on placing ads in this group, be prepared for e-mail from many readers intent on making you aware of your error.

thanks.

2096. Re: atlas radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: Robert D Houghton <rhought@cello.gina.calstate.edu>
Message-ID: <43he9o$7nm@cello.gina.calstate.edu>
Source record: 212384

The folks at the Atlas booth told me that the radio was being redesigned with surface mount technology (if that's good!) so perhaps the design won't be so out of date. I'm not a foaming-at-the-mouth nationalist, but it *would* be nice to see another US produced piece of amateur equipment.

++++++++++++++++++++++++++++++	++
	AMSAT member #26148
Robert D. Houghton	digital satellites: KC6LVG@PACSAT
Science Department Chairman	Packet radio: kc6lvg@k6unq.#cas.na
John A. Rowland High School	Other internet:
Rowland Heights, CA 91748	kc6lvg@amsat.org
	rdhoughton@vms4.sci.csupomona.edu
++++++++++++++++++++++++++++++	++

2097. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDF2EpH.Lrs@netcom.com>
Source record: 212385

Escusa Me (random@neural.helix.com) wrote:
: The charter of this group states that it's a forum for discussing issues relating to Amateur Radio (Ham) equipment. It is specifically NOT intendd as a place to post equipment for sale, or wanted to buy.

: The proper place for all such ads is Rec.Radio.Swap.

: If you insist on placing ads in this group, be prepared for e-mail from many readers intent on making you aware of your error.

Maybe it's time to do one of two things:

1) Change the name of rec.radio.swap to rec.radio.forsale, which is more in conformance with the naming conventions that are widespead over the 'Net.

2) Leave rec.radio.swap as a global swapmeet, and create the new group rec.radio.forsale.

Neither approach is 100% reliable, however. There will always be spammers and clueless newbies.

So, what does everyone think of this proposal?

On a personal note, I don't mind that much if ads are posted here, as long as they are *strictly* related to amateur radio. Some folks (no flame intended) really get offended about the ads, but I don't consider them any more of a breach of netiquette or the charter than I consider driving 70 mph on the freeway to be a major breach of the law. Often, this is the first place that I hear of a new product or a new version of a CD-ROM.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

2098. 2 m ht help please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: TSKW55A@prodigy.com
Message-ID: <43i511$1tdq@usenetw1.news.prodigy.com>
Source record: 212386

I am thinking of buying on of those 2 meter radios that radio shack has
on sale for 199 what kind of range can i expect out of these handheld
would this be a good one for a beginner

2099. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: random@neural.helix.com
Message-ID: <199509172147.VAA01551@mail.Microserve.Net>
Source record: 212387

jlowman@netcom.com (Jim Lowman) wrote:

>Some folks (no flame intended) really get offended about the ads, but I don't
>consider them any more of a breach of netiquette or the charter than . . .

The following is excerpted from the charter:

"The swap group is rec.radio.swap. ... If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; ...

.. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for."

Just wanted to clear that up. ;)

2100. Re: Radio Shack 2 meter SWR meter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: moniter@vixa.voyager.net
Message-ID: <43hfvr$dtv@vixa.voyager.net>
Source record: 212388

BRETSKI (bap@storm.atms.purdue.edu) wrote:

: They were able to order an inline SWR/POWER meter for 2m/70cm. This is
: not in our stores but is still available.

The Radio Shack SWR/ Poer meters are often not as good as you might think.
The SWR meter that I purchased for 10 meter did not truthfully tell me my
reading. And It is definetly not worth 46 dollars.

Cadet Nathan A. Harmon
Civil Air Patrol, Monroe Composite Squadron
moniter@voyager.net > Moniter at Voyager Information Networks
http://www.voyager.net Telnet: voyager.net

2101. icom W21AT for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: Edward Weigel <weigel@teleport.com>
Message-ID: <43ibms$14b@maureen.teleport.com>
Source record: 212389

I have an Icom EC-W21AT rig for sale. It is a 2 meter/440 rig.
can receive both simultaneously and work crossband. Nothing wrong
with it. Not a scratch on it and includes 4 rechargeable
batteries and charger. $250 call Ed Weigel at 503-235-6229 in
Portland, Or. price is firm

2102. IDT FM Sound Design users

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: Corly Bedacht <corly@xs4all.nl>
Message-ID: <43i6re$3or@news.xs4all.nl>
Source record: 212390

Hello,

If you work at a radiostation that uses the IDT FM Sound Design
broadcast-processor, than please let me know.
I want to exchance some information.

C. H. Bedacht
(Radio technician in Amsterdam, The Netherlands)

2103. IDT FM Sound Design users

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: Corly Bedacht <corly@xs4all.nl>
Message-ID: <43i6u2$3sg@news.xs4all.nl>
Source record: 212391

Hello,

If you work at a radiostation that uses the IDT FM Sound Design
broadcast-processor, than please let me know.
I want to exchange some information.

Send e-mail to: corly@xs4all
C. H. Bedacht
(Radio technician in Amsterdam, The Netherlands)

2104. Re: 2 m ht help please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <43iee2$b6q@newsbf02.news.aol.com>
Source record: 212392

What kind of line of sight range COULD you expect ? Also, at full power how far away could you expect to RELIABLY hit a repeater in an urban environment ?

Thanks ,

Scott Powell
KD6GPV
General since 1995 !

P.S. I was going to get one of these for my wife.

2105. KENWOOD TS180s WARC MODS WANTED)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: marvin.haynes@totrbbs.radio.org
Message-ID: <13024.12.uupcb@totrbbs.radio.org>
Source record: 212393

I have a Kenwoods TS180s transceiver that I would like to put on 17 meters. I have heard that all you may have to do is clip some diodes or something. Does anyone know the modification to make it go on these new bands? (Interested in 17 meters mostly).
Thanks,
Marvin, WB4OKM
marvin.haynes@totrbbs.radio.org

Top Of The Rock BBS - Lilburn, GA
Phone: +1 770 921-8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

2106. Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: ke4iof@aol.com
Message-ID: <43iiol$cqr@newsbf02.news.aol.com>
Source record: 212394

In article <7ae_9509161641@woodybbs.com>,
Richard.Anderson@f81.n289.z1.fidonet.org (Richard Anderson) writes:

>I think (someone told me about this) that their is a 10meter to
>6meter converter... Their is a kit that you can get that U build
>that will convert 10 to 6... look in some of the ham magines (SP)
>(wont plug just one, their tooo many and dont want to offend)
>
>
Ten-Tec has/had an Xmeter (replace X with your favorite band) to 6m
tranverter for around $95.00. Don't know if it's still available.

Mark

2107. 2 meter /w some extras

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: moniter@vixa.voyager.net
Message-ID: <43hgds$dtv@vixa.voyager.net>
Source record: 212395

--
I am soon to upgrade my license to Technician No-code so that I can use that 2 meter band. I am also a member of the local Civil Air Patrol and our Wing (State-wide) Communications Network frequency is just over 2 meter (148.150) and I was wondering if there were radios available that would allow that extra step. If so, how much would one cost.

I know that there are antennas that will go there and I know where to get one. I just need to find the radio.

Note - I am not looking to buy one now. My new classes will start in January and end in June. I might buy a radio after I get my new license.

Cadet Nathan A. Harmon
Civil Air Patrol, Monroe Composite Squadron
moniter@voyager.net > Moniter at Voyager Information Networks
http://www.voyager.net Telnet: voyager.net

2108. Re: Has anyone seen a Kenwood TS-870-S? $?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: peterjs@aol.com
Message-ID: <43io4f$evr@newsbf02.news.aol.com>
Source record: 212396

I saw the real think at HRO in Sunnyvale, CA on Saturday and I think that you got the price about right. As you say on the WWW, it is definitely "cool". I currently own a 3 month old TS-450S and was scheming on the way out how I might trade up to a TS-870 before my good sense (and checkbook) got the better of me! Being a TS-450S owner, I'm blown away by the larger packaging of the rig and the usability of the displays. It also has on-board DSP and an electronic keyer. Finally, it comes with a Windows program that allows you to put a customized picture of the front panel of the rig on your PC screen and point/click to run the rig.

Very nice ... but I'm in the market to buy a linear amplifier so until then,
I'll just wait ...

Peter

2109. Yaesu FT 51R -Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: slowalkjr@aol.com
Message-ID: <43hq4t$49h@newsbf02.news.aol.com>
Source record: 212397

I just purchased my first HT. I'm looking for information reguarding modifying the Yaesu FT51R to expand it's TX range. Thanks. Please send replys to SlowalkJR.
James, KF4AQO

2110. FS: PK-232 w/mailbox

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: Eric Robitaille <ericr@earthlink.net>
Message-ID: <43hvei$1pv@mars.earthlink.net>
Source record: 212398

I have a PK-232 with mailbox for sale, in box with manuals.

$200.00

2111. * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-17 00:00:00 UTC
From: random@neural.helix.COM
Message-ID: <199509170714.HAA01871@mail.Microserve.Net>
Source record: 212399

The charter of this group states that it's a forum for discussion of issues related to Amateur Radio (Ham) equipment. It is NOT the place to post equipment for sale, or wanted to buy.

The proper place for all such ads is Rec.Radio.Swap.

If you insist on placing ads in this group, be prepared for e-mail from numerous readers intent on pointing out your error.

Thanks.

2112. Re: Has anyone seen a Kenwood TS-870-S? $?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: Lord GAD <73110.250@CompuServe.COM>
Message-ID: <43iieqhjr1@mhafm.production.compuserve.com>
Source record: 212252

HRO has a www page. The price listed there if I recall is $2700.

--
His Eminence, Lord GAD

2113. Re: Request help on old amatuer radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: k2112@nai.net
Message-ID: <43ieq5$6nf@a3bsrv.nai.net>
Source record: 212253

In article <DExtBt.A2s@eskimo.com>, greybear@eskimo.com says:
>
> Respectfully seeking info on an old '41 Hallicrafter Sky Champion
>that I just purchased today. While I originally went to get an old
>Emerson radio, this was thrown in with the deal. Good shape. Looks
>

This unit was made 1939-45, cost $49.00. Depending on condition worth between $60 to 120. Strictly collector item, is not real usable in today's environment.

Kurt Keller

2114. Re: 2 m ht help please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: NCZN58B@prodigy.com
Message-ID: <43iqsr$14uk@usenetw1.news.prodigy.com>
Source record: 212254

Nice radio at a good price, and not so complicated that a beginner will
have trouble with all the bells and whistles. It's built good too.
-
JAMES DEAN KD4USF NCZN58B@prodigy.com
Yes that's really my name.
Email to Jim.Dean@sid.net It's cheaper-Thanks

2115. wanted 2 meter mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: dbreazil@wyoming.com
Message-ID: <43iqvh$k7j@horn.wyoming.com>
Source record: 212255

I am looking for a vhf radio. let me know what you have
thanks and 73 Don

2116. Re: RC-1000 Repeater Controller???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: km6xu@wco.com
Message-ID: <43it0l$njp@news.wco.com>
Source record: 212256

Bruce Tenison (Btenison@cris.com) wrote:

: At this point, we don't have a lot of money to spend on a controller, but
: have been looking at a controller marketed by Micro Computer Concepts in
: New Port Richey, Florida. It's called the RC-1000.

I bought an RC-1000 almost a year ago. It was clumsy to
set up, and other than crashing its software twice and
having to reset the thing twice in the process, it has
worked flawlessly since then. It has very few bells and
whistles, and that is probably good for a first timer.
One feature that I really like is that a user can enter a
code which takes it out of PL until 30 seconds of no
activity. Neat.

If I were doing it again though, I would by an RC-100, or
better yet, I would get a real controller like an S-Com
or a LinkCom. This may be flame bait, but it really
ticks me off that the folks at MCC advertise this thing
as having a proper phone patch interface, but fail to
mention (until you buy the thing) that it isn't Part 68
registered. Sure, it looks like it has been done okay,
but it's not kosher to hook it up to the phone line.
Arrrrrrgh!

Unless this is a hokey one man band of a repeater (like
mine is), spend a few extra bucks and do it right the
first time. I will!

Cheers -- Mark
--
***** Mark Walsh ***** km6xu@wco.com ***** km6xu@kc6pjw ***** L10861 *****

2117. Re: Where can I find info on PRC-9 10M FM Military radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <43ivs9$i1a@ixnews5.ix.netcom.com>
Source record: 212257

In <43gdbf$kj7@cnn.exu.ericsson.se> eus.eusmge@memo.ericsson.se (Mike Groves) writes:

>
>I picked up this great radio at a garage sale. It's a man-pack FM
>transciever from the early 50's. The VFO tunes from 27-39. I plan to
>use it on the FM portion of 10M.
>
>Where can I get info about the battery requirements/pin-outs and the
>mic-speaker pinouts? Does the US Military have archives available?
>
>Mike Groves
>eus.eusmge@memo.ericsson.se
>

Fair Radio Sales in Lima, OH, should have a tech/users manual and possibly the batteries and a mike for it. Phone: 419-223-2196.

John
KE6TGN

2118. Re: Kenwood Communications Announces TS-870S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DF2vKr.7tz@iglou.com>
Source record: 212258

Anybody got a price on this rig yet?
--
Steve
n4lq@iglou.com

2119. Re: Mobile UHF Duplexer Recommend

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: mmusick@talx.com
Message-ID: <mmusick-1809951001200001@198.102.74.50>
Source record: 212259

> Can someone recommend by manufacturer, a mobile duplexer
> for the uhf band. and how and what equipment is needed to "tune"
> them?

Bill -

I have just installed a Sinclabs duplexer (1.2GHz) in a repeater, and am quite impressed by the duplexer and the company. Sinclabs is the amateur radio division of Sinclair Radio. Phone: 800/288-2763.

They have a 440 duplexer which uses the same components as the 1.2G duplexer, but use the cavities at 1/4-wave instead of 3/4-wave resonance. It is roughly 12"W, 15"H, and 3"D, which are certainly dimensions which would lend itself to easy mobile use. It's not cheap - no real duplexers are. The 1.2G version was $540, though they do offer substantial (25%) discounts to amateur radio clubs.

To tune duplexers correctly takes patience, knowledge - and a spectrum analyzer/sweep generator. It's not something I'd want to consider doing in the field, and that's provided I had ready access to an analyzer. Duplexers usually come from they factory tuned to your application, and I, for one, am glad they do.
...mm

==========
Mike Musick/N0QBF |
71301.3106@compuserve.com | [Insert usual disclaimers here.]
mmusick@talx.com |

2120. Help with simple audio amp for TNC?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <43k4gm$nh4@newsbf02.news.aol.com>
Source record: 212260

I want to build a simple audio amplifier to put between the rcv output from the back of my IC751a, going to the audio input to my TNC (a HAL P38). The audio output from the 751 is abt 300 mv peak to peak which isn't quite enough to drive the tnc to full levels for receive. I'd like to get it up to about 1-2 volts P to P. Anyone know of a simple article in QST maybe for just such an application? Any info is appreciated. (I could take it off the MIC connector, but I'm trying to keep that open).
Thanks and 73's to all, Mike KS4DA

2121. Re: Question/Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: fas@exu.ericsson.se
Message-ID: <43k23k$f4s@cnn.exu.ericsson.se>
Source record: 212261

HT's are designed to take a lousy load (aka Rubber Duck). There should not be a problem

---

____
Frank Scaraglino scaraglino@egertp.ericsson.se KA2FWC

2122. Alinco DJ 580 T For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: mgdunlap@dunlap.b8.ingr.com
Message-ID: <43k31u$v6@b30news.b30.ingr.com>
Source record: 212262

I have an Alinco DJ580 twin babd handheld for sale.
Two batteries
Two chargers
Three antennas
Leather case
Two instruction manuals
$350.00

contacts:
Work 205-730-5369
home 205-837-3150 after 5 pm
--

^ Mike Dunlap | _**_ ^
^ Operating Systems Support | / :-IIIIIIIIIII ^
^ Intergraph Corp. Huntsville | >: 723 :--------------\ ^
^ voice: 800 603 5500 x5369 | +-(O)----------(O)---+ ^
^ email:mgdunlap@ingr.com | FF/EMT-D N.R.E.M.T. ^
^ fax: (205) 730-6011 | buy a smoke detector... ^
^ | or sleep with a firefighter! ^
^~~~~~~

2123. Re: MFJ-422B Keyer & TS-440?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <43k4ke$nid@newsbf02.news.aol.com>
Source record: 212263

In article <43ft97$m3i@parsifal.nando.net>, DB Wilhelm <w3fpr@nando.net>
writes:

>I have often wondered why keyer manufacturers go to great extremes
>to provide all those different output connections, along with
>sometimes complex instructions defining how to hook this to that.
>IMHO, a cheap, fast relay would provide a universal solution.
>I know of no rig that will not respond correctly to a contact
>closure on the keying line. Maybe the transistors are cheaper
>than a relay, but all other things considered, the relay may be
>cheaper than all the other support stuff.
>
>What a tangled web we weave sometimes when we forget the KISS
>principle.
>
>73,
>Don W3FPR

Hi Don,

I'm sure the device choice is cost driven. Small reed relays cost a buck
or so, and FET's or bi-polars cost a few pennies and last longer. But
using a FET or bipolar to key a radio only seems to cause very rare
problems. The most likely cause is the 422B keyer is probably defective. I
would call the manufacturer, since they probably know a lot more about the
likely problems.

The MFJ 422 I have uses a MPSA-42 (bipolar) in the direct output. That
device has an on saturation CE voltage *maximum* of 1/2 volt. That does
not seem to be excessively high. It works flawlessly with my 751A, Yeasu
rigs, and a Kenwood 450. Just to check it out, I added a rectifier diode
in series with the keyer and it still works fine with all the rigs! Gosh,
maybe the 422 the original author has is defective and we are trying to
re-engineer something that has a bad solder joint?????

Anyway, if we really wanted to correct the problem, all lines on radios
should have established design criteria. Having a keying line that
requires being pulled below a volt or two is poor engineering. It makes
the line more subject to RFI or ground loop hum problems, and forces the
user to limit interface circuitry. It would be much better to have all
control lines designed to TTL logic low level standards.
73 Tom

Nothing is standardized in radios, and it even varies between different
radios made by the same company. That gives me fits in my station when I
want to change from one radio to another quickly. ALC, relay outputs, mic

levels, key line voltages, and everything else all vary.

2124. tuning up a kenwood ts520

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: Simon_Backer@mdd.comm.mot.com
Message-ID: <Simon_Backer-1809951018210001@dynamac12.mdd.comm.mot.com>
Source record: 212264

The rx in my TS 520 seems a bit lacklustre these days - Note the rig has
followed me back and forth across the atlantic and is some 14-15 years old
- sooooo�? I was thinking it may be time for a quick tune up.

The manual indicates that this can be easily achieved using the internal
25kHz marker as a signal generator - somehow I am a little nervous.

Does anyone have any pearls of wisdom to share on the subject.

73's and thanks in advance.

Simon
VE7AED

ps I love the rig.

--
All views in this post are mine and not neccessarily those of my employer

"The definition of insanity is doing the same thing over and over again and expecting
different results" Rita Mae Brown

"Rita Mae Brown never owned a computer" Simon Backer

2125. Kenwood TS-870S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: USCG TELECOMMS <gttm@cais.cais.com>
Message-ID: <Pine.BSI.3.91.950918125504.17244A-100000@cais2.cais.com>
Source record: 212265

I was talking to Mr. Rhodes (KE2WEU) of Rhode and Shwartz and QST fame last saturday night on 40 meters. He said that Kenwood loaned him two 870's to test. He said that the radio is the best he's seen to date on both receive and transmit features. It beats out the FT-1000D, IC-781, and TS-950SDX in terms of performance. It does not appear that Kenwood will replace the 950SDX because they've been losing too much money on these high-end radios. As far as the FT-1000MP is concerned, he said that he does not understand why Yaesu went with mechanical filters because these filters inherently produce undesireable intermod problems. By the way, Kenwood did incorporate some of his features that were published in QST.

Ron, W4VR

2126. TNX (was: Stock FT-8500 Hardware Q)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: Shawn Wolski <n5una@mail.utexas.edu>
Message-ID: <43kll4$djf@geraldo.cc.utexas.edu>
Source record: 212266

TNX to all those who answered. I appreciate it. :)

_____
Shawn Wolski, N5UNA
n5una@mail.utexas.edu
http://wwwvms.utexas.edu/~n5una/index.html

2127. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDF4Dxz.129@netcom.com>
Source record: 212267

jdb (jdb99@ix.netcom.com) wrote:

: Selling a transmitter to an UNLICENSED individual is
: simply WRONG. If a person is interested in becoming a ham
: he DOES not need a rig that will transmit. He needs nothing
: but a study guide and unless he is going for a No-Code
: tech license, a few code tapes...

Nonsense. Doing so is neither illegal nor morally wrong.

As one strictly opposed to "possession laws", I cannot find any
compelling reason to restrict ownership of any material object. Mere
possession of an object doesn't do harm. It is the use of the object
that is potentially dangerous and/or illegal.

Better not sell me a car because I might use it to break the speed limit...

I bought a 2-meter transceiver myself before I was licensed. All I did
was listen. What could possibly be wrong with this? I would have
broken the law had I transmitted, but I didn't, and no one was
harmed. Besides, having spent money for the radio gave me incentive to
keep studying for my license.
--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

2128. Re: RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <43kndr$3kf@ixnews3.ix.netcom.com>
Source record: 212268

In <43gbl5$kn9@clarknet.clark.net> mri@clark.net (MRI) writes:
>
>Abraham Stavsky (ag001@lafn.org) wrote:

>--
>: your 12-volt+ battery UNLESS you're using an external antenna
>: (like a mag-mount). If you use the rubber duckie, the 5+ watts of
RF
>: you generate feed back into the set, causing the PLL to unlock,
>: thereby rendering your HT useless until repaired. I've gotten so
>: cautious I won't even use the HT inside the car with the NiCad,
because
>: the metal and windshield might cause same problem.
>:
>: If anyone knows a way around this, or how ro reset the PLL once
unlocked,
>: I'd be very grateful to hear from them.
>:
>: KE6OCM
>--
>The problem you describe is not a problem with the radio, but rather
>the way it is in operation. When attached to the 12 vdc and using a
>rubber duck antenna, the RF from the antenna is being jammed right
back
>into the radio thru the unshielded 12 vdc line.
>
>If you are running as a mobile, the grounded coax line to the antenna
>provides a more than ample isolation. You mentioned a mag-mount....
>These are ungrounded antennae. RF may still be floating around.
>
>Suggestions:
> Run a truly grounded mobile antenna.
> Run a grounded shielded 12 vdc line to your HT.
> Use a 12 vdc battery pack on the bottom of your HT and
> eliminate your exposed DC line.
>
>Hope this helps ..... -= 73 =- john k3nxu
jlamar@yrkpa.kias.com
>

I have never had this problem with any name brand amateur HT. Have run
Icoms, and Yaesus direct off the battery, using the rubber duck, and
have never had it cause a problem with the PLL. I don't think it is a
problem with the way the radio is operated, but rather the poor design
and construction of the radio that would allow this condition to

happen.

2129. VHF Linear Amp For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: kmallen@prysm.com
Message-ID: <43kpnf$3g9@news.unicomp.net>
Source record: 212269

I have a "Tempo 6N2" linear amplifier that I would like to sell.
It will handle a Kilowatt on 2-meters as well as 6-meters for
continous SSB operations. For FM it will deliver a few DB's less at
intermittent duty. The amp is in very good condition and almost looks
like a new one. I have the documentation for it.

If you are interested in purchasing this from me or if you want more
info just send me email. I have no idea what it should be worth on the
market so I am soliciting offers.

This amp is located in Shreveport, LA. It is approximately the size of
a cube which is 15" on all sides and operates either from 120vac or
220vac. It is heavy and would be difficult to pack for safe shipment.
However, I will be driving from Shreveport to Savanah, GA along U.S.
hwy-80 and I-20 in a few weeks so if anyone is near this route, it
would be very convenient to arrange delivery. My Amateur callsign is
"K5HR" and my info is correct in the Callbook.

KMA
kmallen@prysm.com

2130. TRADERS NET

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <43kron$2tr@giga.bga.com>
Source record: 212270

Join us on 7.235 mhz, sunday mornings at 10 AM CDT for the "RADIO SWAP NET".
Matt/KK5DR (net control)

2131. Re: 2 m ht help please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DF3tpt.60D@netcom.com>
Source record: 212271

In article <43iee2$b6q@newsbf02.news.aol.com>, BUDDY10 <buddy10@aol.com> wrote:
>What kind of line of sight range COULD you expect ? Also, at full power
>how far away could you expect to RELIABLY hit a repeater in an urban
>environment ?
>P.S. I was going to get one of these for my wife.

Line of site to a repeater is usually about 30 miles or so, on flat
ground. Line of site to another HT on level ground could be as little
as 1/2 mile or as far as 7 miles, totally terrain dependant.

The real power of 2m are the repeaters. It extends your range tremendously..

Mobile 50 watt units can do better than the 7 watt HT. Maybe 50 miles
or more into a repeater.

2132. Re: 2 m ht help please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DF3tIr.5qK@netcom.com>
Source record: 212272

In article <43i511$1tdq@usenetw1.news.prodigy.com>,
James Dickson <TSKW55A@prodigy.com> wrote:
>I am thinking of buying on of those 2 meter radios that radio shack has
>on sale for 199 what kind of range can i expect out of these handheld
>would this be a good one for a beginner

Range? Well, my HTX-202 has transmitted clearly to a repeater on a
mountain top sixty miles away. Made a successful contact with the MIR
space station using packet and it was 280 miles up.

Its a good unit, but do buy the $40 five year warranty. You'll need it.

2133. How do I fix DTMF Microphone button?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: dmarra@fast.net
Message-ID: <dmarra-1809952026370001@dmarra.fast.net>
Source record: 212273

Hi All--

One of the buttons on the microphone that came with my FT-5100 mobile radio does not function. It is the button that switches from the Memory to the VFO (therefore it has been heavily used!)

I took apart the microphone and cleaned behind the keypad membrane where it makes contact with the switching circuit. It still does not work!

Does anyone have any experience with this kind of problem? Is it possible that the problem might be more than just dirty contacts? I was thinking about gluing a very small piece of foil to the back of the button membrane to increase conductivity...would that work???

Thanks in advance!

DAVE MARRA/n3odx
dmarra@fast.net

2134. Re: Where can I find info on PRC-9 10M FM Military radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: tblairm@tu216.tus.ssi1.com
Message-ID: <43kiqt$l0j@atlas.tus.ssi1.com>
Source record: 212274

In article <43ivs9$i1a@ixnews5.ix.netcom.com>,
Wanda M Desmond <ke6tgn@ix.netcom.com> wrote:
>In <43gdbf$kj7@cnn.exu.ericsson.se> eus.eusmge@memo.ericsson.se (Mike
>Groves) writes:
>>
>>I picked up this great radio at a garage sale. It's a man-pack FM
>>transciever from the early 50's. The VFO tunes from 27-39. I plan to
>>use it on the FM portion of 10M.
>>
>Fair Radio Sales in Lima, OH, should have a tech/users manual and
>possibly the batteries and a mike for it. Phone: 419-223-2196.

They have photocopies of the service manual, and they had batteries
the last time I looked. I bought a battery from them for my PRC-10 (a
similar radio which covers about 38-54 MHz), but it was badly corroded
and almost dead. A dead battery is still useful, though, because you
can salvage the connector and use it to make your own battery
pack. Fair Radio has a book which describes how to make battery packs
for a lot of old military radios, including the PRC-8, -9 and -10. As
I recall, your radio needs the following voltages: +135, +67.5, +1.5,
-6.

Another option is to get your hands on an AM-598, which will let you
run your radio from 24 volts DC. It's a box about 1 foot on each side;
the radio mounts on top (without its battery box).

Please be aware that the PRC-9 is a wideband FM set; its nominal
deviation is about 15 kHz or so; I'm not positive about this, but I
don't think that wideband FM sets fall within the requirements for
amateur radio transmitters in the US. Can anybody shed some more light
on this?

Here is Fair Radio's mailing address:

Fair Radio Sales Co., Inc.
1016 E. Eureka
P.O. Box 1105
Lima, Ohio 45802-1105

(419) 227-6573 (voice)
(419) 227-1313 (FAX)

--
Mark J. Blair, KE6MYK Silicon Systems, Inc.
Design Engineer 14351 Myford Rd. m/s C-90
mark.blair@tus.ssi1.com (714) 573-6709 Tustin, CA 92680-7022

2135. Re: RC-85 Controller in Need of a Chip!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: screa@aol.com
Message-ID: <43kg6p$qvs@newsbf02.news.aol.com>
Source record: 212275

You probably know tha ACC bought the farm. Apparently, a company by the name of 'link com' has (or will be) stocking parts for the controllers. I don't know where they are located, but I have seen postings in this group a month or so ago with more information. I have an RC 96; Good luck.

2136. HT for 220 recommendation?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: glau@ccmail.com
Message-ID: <DF4FJI.CDL@ccmail.com>
Source record: 212276

In article <43257b$pka@eccdb1.pms.ford.com>
Bill Meahan <wmeahan@ford.com> writes:

> Our local RACES group (in formation) is going to be putting up a repeater
> shortly. This repeater will be on 220 MHz and, you guessed it, I have no
> equipment for 220, so I'd like to get an HT for the band. I really don't
> give a rip about having 50 gazillion memories or require something
> smaller than an Altoids box. I'd just like a reliable, inexpensive,
> fairly rugged HT for which batteries are (still) readily available.

I believe the Yaesu FT-33R is still available from AES. I bought mine
from HRO years ago and I think it was less than $350 back then. The
batteries for it are still available (it uses the same packs as the
FT-411 and FT-470) and has 10 memories. However, it does not come with
CTCSS decode nor DTMF encode (both are optional accessories). It may
not be inexpensive after everyone is said and done but it is a rugged
HT.

Gary Lau
Internet: glau@ccmail.com
Amateur : N6MMM @ N0ARY.#NOCAL.CA.USA.NOAM

2137. Which one should I get - TH-79a or FT51r or Ic-Z1A ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: buddy10@aol.com
Message-ID: <43kvma$3u5@newsbf02.news.aol.com>
Source record: 212277

Which of these units should I get ? They are all about the same price.
They all have more features than you could shake a stick at. I am STUMPED
! I will be using it in an urban environment(Los Angeles) so Intermod
could be a problem. Any help would be most appreciated !

Thanks,
Scott Powell
KD6GPV
General since 1995 !

2138. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDF4J68.KIq@netcom.com>
Source record: 212278

Escusa Me (random@neural.helix.com) wrote:

: The following is excerpted from the charter:

: "The swap group is rec.radio.swap. ... If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; ...

: .. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for."

: Just wanted to clear that up. ;)

I did not question the content of the charter, just suggested that:

1) ...rec.radio.swap may not be the most intuitive name for the newsgroup.
Lots of users post without reading the charter; some just do not care
and

2) ...that some users, on many newsgroups, take things far too seriously.
Posting "for sale" ads on this newsgroup is not the end of the world.

Just a thought, and I hope to hear a lot of discussion about this issue.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

2139. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <43kqkm$gh1@vivanews.vivanet.com>
Source record: 212279

Steve Sims (steve.sims@totrbbs.radio.org) wrote:
: JD> He is probably going to tell you that this is
: JD>the rec.radio.amateur.equipment group and that this
: JD>topic does not fit in with the "CONCEPT" of this
: JD>discussion group.

: Oh, Well you seem to know the concept of this discussion group. I guess
: it must be available for downloading from the bbs somewhere. Which
: discussion group does it belong to instead ?

Actually, the original poster is quite correct. Any valid newsgroup other than those in the alt.* heirarchy had charters approved when the newsgroup was first created. In this particular case, the group was supposed to be limited to discussions directly related to the operation and/or discusions about radio equipment.

Rec.radio.amateur.misc would be a more appropriate forum. You might also want to browse news.answers, which tells all about news group conventions, and might save you from making statements you'll have to retract later.

- Rich

Rich Mulvey, N2VDS Rochester, NY USA
mulveyr@vivanet.com
n2vds@net.wb2psi.ampr.org
n2vds@wb2psi.#wny.ny.us

2140. Re: RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Sep18.193954.1@vax.sonoma.edu>
Source record: 212280

>>The problem you describe is not a problem with the radio, but rather
>>the way it is in operation. When attached to the 12 vdc and using a
>>rubber duck antenna, the RF from the antenna is being jammed right
> back
>>into the radio thru the unshielded 12 vdc line.
>>

> I have never had this problem with any name brand amateur HT. Have run
> Icoms, and Yaesus direct off the battery, using the rubber duck, and
> have never had it cause a problem with the PLL. I don't think it is a
> problem with the way the radio is operated, but rather the poor design
> and construction of the radio that would allow this condition to
> happen.
>

Ditto. I have run Icom, Yaesu, and Kenwood directly off the 12 V. battery
with rubber duck and never had a problem such as the Radio Shack HTX-202
has. I have to agree with the conclusion.

Ken

--

_____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~
~~~~~

2141. For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: jerry.boyd@ctobbs.com
Message-ID: <9509182319021243@ctobbs.com>
Source record: 212281

Kenwood TS850SAT HF transceiver with built in antenna tuner, extra filters, built in digital voice recorder with microphone and manual mint condition $1300.00 firm

JPS NIR-10 DSP/noise filter, mint condition $165.00

MFJ 432 Digital Voice Keyer $80.00

contact Jerry, KG6LF
(510) 372-0246 eves (PDT)
(510) 372-3430 (work voice mail)
Internet E-mail JBOYD@CTOBBS.COM
Equipment available in San Francisco area

2142. Re: RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: wday@dfw.net
Message-ID: <wday-1809952344130001@fw12.dfw.net>
Source record: 212282

In article <1995Sep17.013035.17282@lafn.org>, ag001@lafn.org (Abraham Stavsky) wrote:

> Radio Shack should include this warning with the very poor instruction
> book they include with their HTX-202, which I understand is mfg. for
> them by Icom in Korea:

The HTX-202 is NOT manufactured by Icom.

> never plug your 202 into the cigar lighter with
> your 12-volt+ battery UNLESS you're using an external antenna
> (like a mag-mount). If you use the rubber duckie, the 5+ watts of RF
> you generate feed back into the set, causing the PLL to unlock,
> thereby rendering your HT useless until repaired.

Sorry, but others of us have run the HTX-202 off the cigarette lighter plug without suffering the problem you have. My partner consistently runs his HTX-202 off the plug in the ambulance in which we work, and has never had the PLL unlock problem.

> I've gotten so
> cautious I won't even use the HT inside the car with the NiCad, because
> the metal and windshield might cause same problem.

Now, THAT sounds like paranoia instead of prudence. If you're having problems with the PLL on your HT unlocking, return it if it's under warranty.

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth,Texas,USA |
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)
For info on BMHA or the BIKEHAM mailing list: Finger KF5ZC@dfw.net
---

2143. Re: battery cover plate for HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: cmallam@mail.magi.com
Message-ID: <43ied4$okl@news.magi.com>
Source record: 212400

In <42lcug$lf6@excalibur.edge.net>, jim <gutbang@edge.net> writes:
>Hi, I'm the tech who fixes the HTX202s when they do break...
>
>There is no reason to take the battery off an HTX202 when operating
>from a DC power source into the jack on top (by the ant. jack) The
>radio will draw power from the source with the higher voltage.

i was in the habit of taking the battery pack off when operating with external DC,
because i measured whatever voltage was going in the top, coming out the bottom.
Is there a diode in the nicad battery to prevent overcharging the battery with external
DC going in the top?

---

cmallam@magi.com
Chris Mallam, B.A., VA3CME
Ottawa, Ontario, CANADA
OS/2: Drag me, drop me, make me feel like an object!
http://infoweb.magi.com/~cmallam/INDEX.HTML
BBS: 613.241.9750

2144. Re: 2 m ht help please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-18 00:00:00 UTC
From: gpewitt@execpc.com
Message-ID: <43iihh$fib@homer.alpha.net>
Source record: 212401

In <43i511$1tdq@usenetw1.news.prodigy.com>, TSKW55A@prodigy.com (James Dickson) writes:
>I am thinking of buying on of those 2 meter radios that radio shack has
>on sale for 199 what kind of range can i expect out of these handheld
>would this be a good one for a beginner
Yes it would. It's not too complicated and not being broadband it has good
intermod resistance which is nice in the city. Be sure to get the extended
maintenance coverage, they will fix it even if you drop it out a window.
It should make repeaters up to 15 miles or so away. If you are on a hill
top the range is much greater. They are like Craftsman tools, the quality
may not be the world's best but the price is right and you can't beat the
warrenty.
I'm not prejudiced because I don't own one. I have an Alinco.
I just think they are a good deal.

gpewitt@execpc.com N9ZSV 414 355 8147

2145. Re: Tentec Scout

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: "John M. Rymell" <ryme@husky.bloomu.edu>
Message-ID: <43mf16$s19@galaxy.bloomu.edu>
Source record: 212202

host name@earthlink.net (Your real Name) wrote:
>I am thinking about buying a Tentec Scout. If you have used one would you
>please E-mail your opinions to me?
>
>Thanks,
>Joe AA6WG
>

Joe,

Nice little rig for the bucks. Using a Scout as a portable rig for
RACES drills over the past 6 months.
Enjoy the freatures. Light, small, easy to handle in field conditions.
This is a real 'thumbs up' recommendation!

73, and enjoy!

John Rymell N3PFF

2146. Re: Which one should I get - TH-79a or FT51r or Ic-Z1A ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: KC5HEG
Message-ID: <43mnlt$ln4@uuneo.neosoft.com>
Source record: 212203

In article <43kvma$3u5@newsbf02.news.aol.com>, buddy10@aol.com says...
>
>Which of these units should I get ? They are all about the same price.
>They all have more features than you could shake a stick at. I am STUMPED
>! I will be using it in an urban environment(Los Angeles) so Intermod
>could be a problem. Any help would be most appreciated !
>
Scott...
If I had to do it over again, I'd get the 51r. I have the Z1A, and find the electronic volume control is a real pain to operate, & the receive audio quality (even with an external speaker) is poor compared to other HT's I've owned/used. On the plus side, it is excellent at intermod rejection, very easy to program & use, & the large display & buttons are excellent for big fat fingers compared to other small HTs.
73 de KC5HEG Tom tbaltz@neosoft.com

2147. Duplexor tuning?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: "Alan K. Adamson" <ne1h>
Message-ID: <43mnjr$8o7@wa4mei.radio.org>
Source record: 212204

All,

Another religious question, but I'm curious anyway.

It seems there are two schools of thought on the topic. One says always do it with a spectrun/tracking analyzer/tracking generator, the other says use a watt meter and signal source at the installation source and tune for max power on pass and min signal on notch.

It seems this discussion can get very religious, but what the heck.

I for one favor the analyzer approach, as touchy as the new small cans are these days I would not want to try the other approach, but the advocates there claim that you have to have the actual load to really tune the cans correctly.

Any takers?
Alan Adamson
NE1H
ne1h@tornado.ne1h.radio.org

2148. Re: RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: mjjohn5@lookout.mtt.it.uswc.uswest.com
Message-ID: <DF5nz7.CFt@da_vinci.ecte.uswc.uswest.com>
Source record: 212205

>In <43gbl5$kn9@clarknet.clark.net> mri@clark.net (MRI) writes:
>
>Abraham Stavsky (ag001@lafn.org) wrote:
>
>----------
>: your 12-volt+ battery UNLESS you're using an external antenna
>: (like a mag-mount). If you use the rubber duckie, the 5+ watts of
>RF
>: you generate feed back into the set, causing the PLL to unlock,
>: thereby rendering your HT useless until repaired. I've gotten so
>: cautious I won't even use the HT inside the car with the NiCad,
>because
>: the metal and windshield might cause same problem.
>:
>: If anyone knows a way around this, or how ro reset the PLL once
>unlocked,
>: I'd be very grateful to hear from them.
>:
>: KE6OCM
>----------

I have used my HT-202 and other HTs in several types of cars, several times and have not had any problem. I have used both the nicads and the external power cord. I often do this in my truck when I don't want to bother taking the mobile out of the car. Works fine with the HT antenna.

To reset the PLL just turn off the radio and turn it back on while you hold the function key down. Then just reprogram the unit.

But, running an external antenna is a good idea when using external power. It is a lot easier on the finals if they have a good rf match and it gets your head away from a much higher level of rf than if you were just using the nicads. Not to mention about a 10 times improvement on your range.

Mark
WA0DCA

2149. Re: RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DF5sp2.1FG@netcom.com>
Source record: 212206

In article <1995Sep18.193954.1@vax.sonoma.edu>,
Ken Harrison <harrisok@vax.sonoma.edu> wrote:
>>>The problem you describe is not a problem with the radio, but rather
>>>the way it is in operation. When attached to the 12 vdc and using a
>>>rubber duck antenna, the RF from the antenna is being jammed right
>> back
>>>into the radio thru the unshielded 12 vdc line.
>>>
>
>> I have never had this problem with any name brand amateur HT. Have run
>> Icoms, and Yaesus direct off the battery, using the rubber duck, and
>> have never had it cause a problem with the PLL. I don't think it is a
>> problem with the way the radio is operated, but rather the poor design
>> and construction of the radio that would allow this condition to
>> happen.
>>
>
>Ditto. I have run Icom, Yaesu, and Kenwood directly off the 12 V. battery
>with rubber duck and never had a problem such as the Radio Shack HTX-202
>has. I have to agree with the conclusion.
>

The HTX-202 allows you to run more power than any other HT. At 13.8v
and a 1/4 wave ant. it can run 7-9 watts. Trying to run this much
power into a rubber ducky damages the radio. The HTX-202 shouldn't
be damaged when someone does this, but then no other HT offers as
much power output. Just "don't do that", and all is okay.

2150. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <43mqg5$rkh@over.mhv.net>
Source record: 212207

John Olson (tiger@gp.magick.net) wrote:
: Thomas Randall (Thomas.Randall@bbs.mhv.net) wrote:
: : Drew Durigan (VUBS79A@prodigy.com) wrote:
: : : What great timing! I just passed my tests this past weekend and should
: : : be getting my Tech-Plus ticket soon. My 2510's all ready to go on 10-
: : : meters (finally get to use that radio for it's "intended" purpose :-),
: : : but I need to get me a good, inexpensive 2-meter rig to get started with.

: : : I understand Radio Shack has put the HTX-202 on sale for $199 this month.
: : : Is this a good radio or another one of those famous "Rat Scrap Lemons?"
: : : Is it worth $199, or would I do better elsewhere?

: : : Comments?

: : : -Drew in Charlotte-

: : Drew,
: : Get the 202, it's a nice rig. I also recommend spending the extra
: : money on the maintanence plan just in case you drop her off a cliff or
: : off the table. I've had mine since October of last year and not one
: : problem so far. Sturdy radio by the way!

: : Tom - KB2SMS

: Drew: The HTX-202 is ok for normal voice communications, BUT IF you
: have any asperations of running packet with it - FORGET IT! It's JUNK.
: Congrats on the new ticket!
: 73's John WA6IKO

I disagree! I use mine for packet with NO PROBLEMS at all. Works just great.

Tom - KB2SMS

2151. St. Thomas, USVI after Hurricane Marilyn

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Geoff Caplan <icanews@icanect.net>
Message-ID: <43mtv5$4t0@dormouse.icanect.net>
Source record: 212208

We have set up an information page for posting about survivors,
messages, etc. on St. Thomas. We are also trying to determine
if there is currently any amateur radio coming from the area.
If you have information of any type, please feel free to post
directly to http://www.icanect.net/thomas

Thank you.

2152. St Thomas Emergency Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Bob Hurwitz <rad-dad@icanect.net>
Message-ID: <43muc6$4u5@dormouse.icanect.net>
Source record: 212209

Icanect has established an emergency response center for St. Thomas
All Ham operators please help we are trying to relay all messages....
Some of our employees commute to and from the island..
we have contacts with pager and phone companies on the island

http://www.icanect.net/thomas/index.htm

--

Internet Communications of America, Inc.

2153. Heathkit 1G-52 manual?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: sbertsch@x1.us.ohio-state.edu
Message-ID: <43mv5o$43d@charm.magnus.acs.ohio-state.edu>
Source record: 212210

I'm looking for a schematic for the Heathkit 1G-52 TV Alignment Generator. If you have one of these, I'll pay for copying, postage, and a little extra for your trouble.

Steve N8KWV

2154. New licensee seeks info for his first HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: vijays@Eng.Sun.COM
Message-ID: <43mu8k$8a9@engnews2.Eng.Sun.COM>
Source record: 212211

Hi,
Would someone be kind enough to point me to a FAQ or some other document that talks about various HTs and their relative merits and demerits? I am trying to figure out what features I should look for in my first HT. Any help would be much appreciated. Thanks.

Vijay

Vijay Sarathy
SUN Microsystems
vijays@Eng.sun.com

2155. Re: Kenwood TH-79A (Deluxe) vs. Yaesu FT-51R (HP)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: childers@garlic.com
Message-ID: <43n1q1$tjm@garlic.com>
Source record: 212212

I owned both... I just sold my Kenwood & bought the Yaesu FT51R...
I prefer the Yaesu because it has more programmability with the features, scan types, and such.
The Kenwood is easier to operate, however, and it is a great radio in itself.
The gentleman who bought mine says that it's the best HT he's ever owned. I say the same about my FT51R... I boils down to opinion.
The Yaesu is capable of being programmed from a desktop computer, though, which I find neat.
Bill Childers

In article <43i26e$75r@newsbf02.news.aol.com>, dabaz@aol.com (Da Baz) wrote:
>Dear fellow Hams,
>
> I am considering buying a dual-band HT and I have narrowed my choices
>down to the Kenwood TH-79A (Deluxe) and the Yaesu FT-51R (HP, 5 watt
>version). I would appreciate anything you have to say about these two
>radios that might aid me in my decison. Thanks for your time.
>
>Sincerely,
> Basil "Baz" Gravanis, w/ WA2EIU

2156. Re: Need info on Halli S-22R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Cal Eustaquio <ceustaqu@ohm.elee.calpoly.edu>
Message-ID: <Pine.ULT.3.91.950919115142.13795B-100000-100000@ohm.elee.calpoly.edu>
Source record: 212213

On Tue, 19 Sep 1995, Cal Eustaquio wrote:

> Speaking of AC/DC sets, I have just aquired a near complete (6 on a
> scale of 10)
> S22R Hallicrafters Skyrider (?) Marine. Does anyone have any experience
> on this radio? Also, there are two holes punched out at the end of the
> lid (toward the front) with tapped holes in the rest of the cabinet (I
> assume to hold the lid down during those times when a ship is to take on
> heavy seas or prevent some seaman apprentice from poking his hands inside
> the rcvr. The holes appear to be clean (possibly stock). Is this so (that
> is, are those holes factory supplied)? Also, the toggle switches are
> plastic handled (I assume to prevent electricution to the operator). One
> of the three switches is non-stock (metal and baton handled instead of
> plastic and "round balled" at the end"). Does anyone have a spare one of
> these plastic handled switches, perhaps even a junker S22R? Your help is
> greatly appreciated.
> 73's. Cal, N6KYR. P.S. The resto on the Halli SX-25 went great, folks.
> CUL on ER.
>
>

2157. Re: RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: gsparks@ix.netcom.com
Message-ID: <43n6qh$2tc@ixnews3.ix.netcom.com>
Source record: 212214

>> never plug your 202 into the cigar lighter with
>> your 12-volt+ battery UNLESS you're using an external antenna
>> (like a mag-mount). If you use the rubber duckie, the 5+ watts of
RF
>> you generate feed back into the set, causing the PLL to unlock,
>> thereby rendering your HT useless until repaired.
>
I have 3 202's. One is one of the very first produced, about 3 years old. I have used it for packet, 12 with duck, external antenna, bad antenna, outside, in rain, in my office next to my computer and all kinds of things, and never had a problem with it.

I got my wife one about 2 years ago, she uses it with a 12v adaptor, and sometimes the duck, and sometimes and outside antenna, never had a problem with that one either. BTW neither of us has ever bothered to take off the battery pack when running with external power.

I also have one I picked up about 18 months ago for $25. It seems the chap had dropped it in the flood waters, and didn't have the extended warrenty which would have replaced it. He took it apart, dried it out, and said all it would do it give and er message. I gave him $25 for it at a sidewalk sale in peices, put it back together, read the manual, found out how to reset the er code, and it works perfect, and I have had no problem with it either. It gets beach duty when I go to the beach and use a 12v weedeater battery with the duck.

When I first got it I would often tell people I was running a Yeacomwood or something, and would always get excellent reports, especially about the audio. After I would tell them I was switching to the RS to see how it sounded I almost always got a less favorable report, such as distortion in the audio, white noise, off frequency etc. All with the same radio.

Try it for yourself, use the same radio, tell the guy on the other end you want to compare the RS with xxxxx, you will almost always get a better report on the xxxxx signal.

KI5GY Glenn Sparks

2158. Re: atlas radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DF65G5.7zn@iglou.com>
Source record: 212215

I saw the atlas at Dayton and it looked like a real junker. Technology resembeled the old Ten Tec Corsair from the 70's. Money would be better spent on something like an IC 735.

--
Steve
n4lq@iglou.com

2159. Re: RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <43na4r$2hc@over.mhv.net>
Source record: 212216

Glenn Sparks (gsparks@ix.netcom.com) wrote:

: >> never plug your 202 into the cigar lighter with
: >> your 12-volt+ battery UNLESS you're using an external antenna
: >> (like a mag-mount). If you use the rubber duckie, the 5+ watts of
: RF
: >> you generate feed back into the set, causing the PLL to unlock,
: >> thereby rendering your HT useless until repaired.
: >
: I have 3 202's. One is one of the very first produced, about 3 years
: old. I have used it for packet, 12 with duck, external antenna, bad
: antenna, outside, in rain, in my office next to my computer and all
: kinds of things, and never had a problem with it.

: I got my wife one about 2 years ago, she uses it with a 12v adaptor,
: and sometimes the duck, and sometimes and outside antenna, never had a
: problem with that one either. BTW neither of us has ever bothered to
: take off the battery pack when running with external power.

: I also have one I picked up about 18 months ago for $25. It seems the
: chap had dropped it in the flood waters, and didn't have the extended
: warrenty which would have replaced it. He took it apart, dried it out,
: and said all it would do it give and er message. I gave him $25 for it
: at a sidewalk sale in peices, put it back together, read the manual,
: found out how to reset the er code, and it works perfect, and I have
: had no problem with it either. It gets beach duty when I go to the
: beach and use a 12v weedeater battery with the duck.

: When I first got it I would often tell people I was running a
: Yeacomwood or something, and would always get excellent reports,
: especially about the audio. After I would tell them I was switching to
: the RS to see how it sounded I almost always got a less favorable
: report, such as distortion in the audio, white noise, off frequency
: etc. All with the same radio.

: Try it for yourself, use the same radio, tell the guy on the other end
: you want to compare the RS with xxxxx, you will almost always get a
: better report on the xxxxx signal.

: KI5GY Glenn Sparks

Glenn,
Glad to hear another favorable 202 review. I've had mine almost a
year with NO troubles at all so far. Very sturdy rig also. I love mine.
what I like to do is when someone asks me what rig I'm using I first ask
them "how does it sound?" They always say great in all respects...then I

tell them it's the 202! quite a few folks in my area use them and also like them.

Tom

2160. ICOM701 Power Cord (Revisited)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: community <bburton@sover.net>
Message-ID: <43mgat$2c6@thrush.sover.net>
Source record: 212217

A while ago I asked if anyone knew where I could get a DC power connector for the ICOM701 HF radio. I still need as I have lost the information that I received. The connector is an AMP 7824 with is a three prong female, keyed two pins vertical and one horizontal. Can anyone help?

Get this: ICOM wants $15 for the connector and $3 for each one of the pins, plus shipping and handling, of course.

Thanks, Jozef, WB2MIC

2161. Re: Which one should I get - TH-79a or FT51r or Ic-Z1A ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDF63yz.ADr@netcom.com>
Source record: 212218

BUDDY10 (buddy10@aol.com) wrote:
: Which of these units should I get ? They are all about the same price.
: They all have more features than you could shake a stick at. I am STUMPED
: ! I will be using it in an urban environment(Los Angeles) so Intermod
: could be a problem. Any help would be most appreciated !

If you want to listen to cops and taxis, buy a scanner.

If you want to play video games, buy a Nintendo Gameboy.

If you want a radio, buy Motorola.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

2162. Re: HTX-212 read before buying

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: dara@physics.att.com
Message-ID: <DF5yC8.8tA@nntpa.cb.att.com>
Source record: 212219

James Dean (NCZN58B@prodigy.com) wrote:
: I just bought an HTX-212 from Radio Shack, and found out afterwards that
: you cannot store out of band freq's in memory for monitoring. As part of
: my job, I need to monitor local public safety frequencies, and though
: this would do it, but it won't. The only way to monitor non-ham
: frequencies is to punch one into the vfo, then listen until you want to
: change. I wrote R/S and got a letter back from a non tech person saying

James: That's been a well publicized disadvantage of the HTX 212.
It does have two VFO's and I use one of them for storage of the Wx.
I don't really need two VFO's and if I want to use it, the HTX 212
makes it easier than most rigs to enter freq---you just punch the
freq in on the mic key pad.
My beef is the darn thing won't allow memory skip in memory scan!!

Shel WA2UBK

2163. Re: Yaesu FT-530 & FT-470

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: mcintosj@ziavms.emnu.edu
Message-ID: <1995Sep19.213955.16742@oasis.enmu.edu>
Source record: 212220

I used to own a Yaesu FT-470. That I know of Yeasu changed the design of
the battery on the Ft-530. So I don't believe that it is possible to
use the 470's batterys on the 530 without major modifications done on the
battery itself. Good luck anyways.
73
Jory McIntosh
KB5UBS

2164. 751 Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: robertov@hqlab.ico.olivetti.com
Message-ID: <43mh14$1hq@sfgw.ICO.Olivetti.Com>
Source record: 212221

Hi to all,
i am looking for the service manual of IC751
note not 751A but 751 here in italy the company
that sell icom equipment DOES NOT HAVE it and
any effort to find it at the moment is null
so i am posting it here hopping that someone
can give an help hand.

I see some solution at the problem :

1. someone can check with ICOM USA if it is available
(at least a xerox of it), and/or supply addr of ICOM USA.

2. someone can ship it to me and I will xerox it
then send it back the day after. (I will return any shipment cost)

3. any other good idea are welcome.

Note the 751 main board if pretty different from the 751A
and the sevice manual of 751A that i have (xerox) is not
good to make allineament and fix of the rtx.

If you think you can help me on fixing this rtx (not very
good modulation in SSB) please contact me, i do not want
to bore all the people with my story.

please respond using email if possible at

robertov@hqlab.ico.olivetti.com

thank anybody for the time

Roberto

P L E A S E N O T E
Ing. C. Olivetti S.p.A takes no responsibility for the views expressed in
this mail/post. They are the personal views of the user concerned.

2165. Re: * This Group Is Not For Sales or Purch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: mitchell@dtcs70.kodak.com
Message-ID: <43mjko$mjb@kodak.rdcs.Kodak.COM>
Source record: 212222

>
>Hi Brad,
>
>I think the problem may eventually come in the volume of for sale
>postings. That's why I never bother to download the radio.swap group, it's
>just too much stuff to sort through.
>
>I see the potential problem "for sale posts" can cause here, and agree
>they should be discouraged. If the volume ever gets a tenth as high as on
>radio.swap this group will be useless. Why wait until it becomes a problem
>before controling it?
>
>73 Tom
>

Point well taken. Maybe an automatic reminder to the group once a month would be
sufficient. Otherwise there will be those out there that will flame the first
poor sole that posts for sale. I guess that way, it would keep traffic like
this posting to a minmum.
I do however feel that the amount of postings so far to this group are
a minimum, and to me it's not a bother.
Of course, that's just my point of view.
73 Brad WB8YGG

2166. RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.5948.7583.0NFBB221@woodybbs.com>
Source record: 212223

Subject: RS HTX-202 Warning!

>>Radio Shack should include this warning with the very poor instruction
>>book they include with their HTX-202, which I understand is mfg. for
>>them by Icom in Korea: never plug your 202 into the cigar lighter with
>>your 12-volt+ battery UNLESS you're using an external antenna
>>(like a mag-mount).

Darn...I've been doing this for over a year, with NO problems
whatsoever. I regularly run the HTX-202 on 12VDC with both the standard
antenna and a Diamond RH77CA.

NO - the unit is NOT built by Icom.

And, finally - never use absolutes.

Clint Bradford
---
* TLX v4.00 * Time flies like wind. Fruit flies like pears.

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

2167. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: sking1@ix.netcom.com
Message-ID: <43nc24$4bc@ixnews2.ix.netcom.com>
Source record: 212224

danb@a.crl.com (Dan Brown) wrote:

>jdb99@ix.netcom.com (jdb) wrote:
>
>>Selling a transmitter to an UNLICENSED individual is
>>simply WRONG. If a person is interested in becoming a ham
>>he DOES not need a rig that will transmit. He needs nothing
>
> Would you mind explaining, rationally, without resorting to ad hominem
>attacks, why it is wrong to sell a transceiver to an unlicensed
>individual? Neither the law nor morals is much based on need. I
>don't need a Porsche, in the strictest sense; that doesn't make it
>wrong for me to have one, or for someone to sell it to me.
>
> I've already explained several legitimate reasons why an unlicensed
>person might want to buy a transceiver. The most basic are these:
>(1) the most common advice to people who want to learn code or other
>operating practices is to listen on the air, and (2) most new ham
>equipment is in the form of transceivers, not separate
>transmitter/receivers.
>
> I bought a 2m HT before I received my license, so I could listen to
>the local repeaters and get used to the normal customs there. Why was
>it wrong for the dealer to sell it to me? Given that it's not wrong
>for me to listen to a repeater, why should I have to buy a scanner to
>do that, and pay almost as much as I'd pay for the HT?
>
I owned an HF rig and a 70cm HT **before** I got my license, and would
do it pretty much the same way again.

As you stated, why in the world would I want to buy ***just a
receiver*** for very much the same price as a transceiver? The answer
is that I wouldn't.

I suspect that these "HAMs" only types are probably the same types of
people that think that if you can't do CW you are not a "real HAM",
conveniently forgetting that there is so much more to HAM than just
CW.

But, let them continue, and if they stay in business, I'll be
surprised.

2168. I NEED MODS FOR IC-Z1E !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: xjanda@cs.felk.cvut.cz
Message-ID: <43me1e$djl@ns.felk.cvut.cz>
Source record: 212225

Hi OMs,

I bought new dualband handheld from Icom : IC-Z1E. I need some information about another modification (hardware) bcoz keyboard combination of B,#+Power On, doesn't work. Is necessary to wipe out some parts (diodes) or switch some jumper pads ????

THANX FOR ANY INFORMATIONS ABOUT THIS PROBLEM......

Please E-Mail me, if you know how to solve this problem......

E-Mail: xjanda@cs.felk.cvut.cz

Bye !

2169. Re: Duplexor tuning?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: conklinrf@cobra.uni.edu
Message-ID: <1995Sep19.235405.48963@cobra.uni.edu>
Source record: 212226

In article <43mnjr$8o7@wa4mei.radio.org>, "Alan K. Adamson" <ne1h> writes:
>
> It seems there are two schools of thought on the topic. One says always do it
> with a spectrun/tracking analyzer/tracking generator, the other says use a watt
> meter and signal source at the installation source and tune for max power on
> pass and min signal on notch.

That must be the 'plexer I bought last summer- really melted the hell out of the teflon insulator! This is probably why there is a sticker on most cans saying !!WARNING!! do not tune with "REAL" power.

>
> It seems this discussion can get very religious, but what the heck.
>
> I for one favor the analyzer approach, as touchy as the new small cans are
> these days I would not want to try the other approach, but the advocates there
> claim that you have to have the actual load to really tune the cans correctly.

For notch only type 'plexers, a signal generator (a few microvolts, NOT 100 frickin' watts), and a receiver does as well as anything (maybe a couple of 3db pads or the alike to match the generator to the can and the can to the receiver).

For the commercial people, notch plexers give 0.5 or so uv sensitivity for 12db SINAD, and only take their 100 watt transmitter down to 60-65 watts, so they are happy.

For us "amateurs" who want 12db at 0.15uv, and want to see 80 or more watts of our PA's 100 at the antenna, need pass/reject cans- which is where the tuning need is critical.

From experience, and testimonials from hams and commercial techs there are two effective methods to tuning pass type cavity filters: 1. The conventional analyzer with tracking generator method, or 2. A cheaper narrow band method that for some reason few utilize.

By far the easiest, most effective, and yes the cheapest when buying equipment way to tune pass cavities is with a return loss bridge. Eagle's device detects very small changes in return loss (a.k.a. SWR) therby alerting the operator to the peak pass point (min. SWR) for a device within a very small error. Typically a 10 degree movement in a threaded tuning rod exhibits a detectable change in return loss, where the "tune for maximum pass" school can only offer 30-90 degree (or worse!) turns in the rod for visible change in the output level.

Yes, this is for the truly finicky- but when results count......

For equipment, all one needs is 1)signal generator capable of a couple of microvolts (-100dbm or so) 2)a narrow-band receiver for each pass frequency, with some sort of signal reading (s-meter, or better yet a Sinad meter) 3)a precision 50 ohm load (no Radio Shack junk here), 4)Cables, 5)Return loss bridge. Not that I make any money... but Eagle's device is quite good for $350 or so you get coverage from 1Mhz-1Ghz.

Much better than the never-found "holy grail" of a DC-1G HP analyzer at a hamfest (working!) for $350 (not to mention the need for a tracking gen).

==========
Chris Conklin
N0PAV, 444.65Mhz, Cedar Falls IA

Please send rants/raves/flames/questions to:: Conklin@forbin.com
==========

2170. Re: Yaesu FT-530 & FT-470

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Barry Dorfman <barry@valonline.com>
Message-ID: <43nfoa$2iv@nikita.intelenet.net>
Source record: 212227

No. The 530 packs are different and have 3 terminal connectors on the top. The 470 packs do fit the FT-23 models.

73 de KB6CV
barry@valonline.com

2171. Sale: SB-220 2KW HF amp. 10-80 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: ka6sar@gramercy.ios.com
Message-ID: <43nfcu$sv7@news2.ios.com>
Source record: 212228

I have an SB-220 woth several of the mods and a spare 3-500z tube. Has
just been professionally checked out and is in great shape. Asking $450 OBO.

2172. Wanted KLM HF beams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: ka6sar@gramercy.ios.com
Message-ID: <43nfg8$sv7@news2.ios.com>
Source record: 212229

Im looking for KLM 6el beams for 10,15,20 meters. Please respond ASAP!
Thanks.

2173. Re: Mobile UHF Duplexer Recommend

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Bruce Gordon <fnbeg@aurora.alaska.edu>
Message-ID: <43nhqd$n2l@news.alaska.edu>
Source record: 212230

In article <mmusick-1809951001200001@198.102.74.50> Mike Musick,
mmusick@talx.com writes:
>Subject: Re: Mobile UHF Duplexer Recommend
>From: Mike Musick, mmusick@talx.com
>Date: Mon, 18 Sep 1995 10:01:20 -0500
>
I have a few Phelps Dodge 450-470 Mhz Six Cavity Mobile Duplexers for
sale.
These units work great at the 25 to 50 Watt level and I have used them
in
UHF Repeaters down in the Ham Portion of the Band as well Message me if
You are interested.

Bruce Gordon Bruce's Trading Post
P.O. Box EXI Excursion Inlet South
Juneau, Alaska 99850 Excursion Inlet, Alaska 99850

University of Alaska Remote Weather Data Collection Site
fnbeg@aurora.alaska.edu AL7AQ@KL7HFI
wcovexip@ptialaska.net Wards Cove Packing Co.

**** Have bandwidth and connection Will communicate ****

2174. My Previous Post

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: jerry.boyd@ctobbs.com
Message-ID: <9509191821371244@ctobbs.com>
Source record: 212231

SORRY! Before the flames get so hot my PC melts, I'm sorry for my prior
"For Sale" post. I'm new to the net and didn't realize I'd selected the
wrong reflector. I'll surf down to the correct one!
73
Jerry
KG6LF

2175. tuning up a kenwood ts520

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Timothy_Cadigan@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_950919_235600_e9c2fca2@fidonet.org>
Source record: 212232

Simon,
If you send me an address I'll send you a xerox of the
rec tune up section from the service manual. My 520 was
getting weak in the ears. I ckecked the voltage on the transistors
(easy to do, lots of room) and found a transistor with low
voltage. Cut it out, replaced it with a Radio Shack one, and
all was well! Great rig.
Tim Cadigan, SJ
Timothy.Cadigan@f239.n109.z1.fidonet.org
or
CADIGAN@GUVAX.GEORGETOWN.EDU

2176. Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <13071.12.uupcb@totrbbs.radio.org>
Source record: 212283

RM>Steve Sims (steve.sims@totrbbs.radio.org) wrote:
RM>: JD> He is probably going to tell you that this is
RM>: JD>the rec.radio.amateur.equipment group and that this
RM>: JD>topic does not fit in with the "CONCEPT" of this
RM>: JD>discussion group.

RM>: Oh, Well you seem to know the concept of this discussion group. I guess
RM>: it must be available for downloading from the bbs somewhere. Which
RM>: discussion group does it belong to instead ?

RM> Actually, the original poster is quite correct. Any valid newsgroup
RM>other than those in the alt.* heirarchy had charters approved when the
RM>newsgroup was first created. In this particular case, the group was
RM>supposed to be limited to discussions directly related to the operation
RM>and/or discusions about radio equipment.

RM> Rec.radio.amateur.misc would be a more appropriate forum. You might
RM>also want to browse news.answers, which tells all about news group
RM>conventions, and might save you from making statements you'll have
RM>to retract later.

RM>- Rich

Actually, I was not being sarcastic in my above sentences. I do not
understand the reference to alt.*, but I suspect that our various ways
of accessing these messages are quite diverse. However, if my messages
are in the wrong group I'm sorry. That, of course, means that the other
off the topic comments I was responding to were equally misplaced.

-- Steve

. OLX 2.1 TD . Chicken heads are the chief food of captive alligators.
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA
Phone: +1 770 921-8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

2177. Need your input for Surplus Land Mobile Radio FAQ

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: randolph@est.enet.dec.com
Message-ID: <43n25h$g8u@mrnews.mro.dec.com>
Source record: 212284
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

What the heck, let's make it official:
I'm willing to compile a FAQ, all about those surplus police and taxicab radios and converting them for ham-band use... you know, the ones you always hear on the air 'cuz somebody converted one: Motorola Mitrek, GE Master II, Phoenix, Delta, blah, blah, blah. There's dozens of these things available for cheap money, and I'm sure a lot of us would like to know which ones to look for, and which to skip over, as their performance often beats the imported synthesized rigs!

In particular, what I want to get is information on how to identify the particular models, what band they're on, crystal or synth, whether they're an easy conversion, need a fair amount of work and skill, or are impossible, and how to tell all of this by looking at them and reading the model/serial numbers. Also, it'd be good to know if a full manual with schematics and tune-up procedure is available, from either the manufacturer or a Sam's photofact type publication.

I don't really want to start a database of HOW to do the mods. That would be difficult without graphics, and would occupy megabytes! This should be fairly easy to deduce from the tune-up procedure and other details in the manual.

WHY do this?
1) I'm interested - I've passed over a lot of these at fleas, for lack of any information about what I was looking at.
2) It doesn't seem to exist anywhere else. A lot of hams have some knowledge about some radios, no one has written it all up.
3) Put these radios back to work, and save them from the scrapyards!

So there it is... all info, pointers, literature references appreciated! Send to me at: randolph@est.enet.dec.com

-Tom R. N1OOQ randolph@est.enet.dec.com

2178. Icom IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Alf Green <alf>
Message-ID: <43n63v$aqt@cst715.iac.honeywell.com>
Source record: 212285
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Has anyone actually got their hands on one of these beasts yet? I am on the list at the local emporium, but it seems they won't be here until mid-October.

I got the impression from GJ4ICD's page that they were already available in Europe. Anyone over there confirm this? How about elsewhere in the world?

I'd be interested in hearing any comments about this unit before I take delivery.

73s Alf NU8I/G4ABB
alf@agreen.iac.honeywell.com
Phoenix, AZ

2179. Re: Looking for first handheld, suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Robert McClure <Robert.McClure@chron.com>
Message-ID: <43nlh9$31f@chron.chron.com>
Source record: 212286
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hey Scott, I'm in the same boat you're in, I'm about 2 weeks away from my Tech nocode ticket, and I'd like a twin bander too. Please let me know what you find out!

Robert McClure
rmcclure@chron.com

2180. WTB: FT-840 or IC-735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: rbrummer@nickel.laurentian.ca
Message-ID: <1995Sep19.063013@nickel.laurentian.ca>
Source record: 212287

I'm looking for a Yaesu FT840 or Icom IC735.

Please email me with prices if anyone has equipment for sale.

2181. Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <43m9r1$q9g@solaris.cc.vt.edu>
Source record: 212288

Ten Tec has a 6 mtr transverter but it is for 20 mtrs in and 6 out. You cannot use it with any band for input. It is avaiable in kit or built form.

2182. Re: * This Group Is Not For Sales or Purch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: mitchell@dtcs70.kodak.com
Message-ID: <43mdd4$g91@kodak.rdcs.Kodak.COM>
Source record: 212289

In article 6q4@online.tmx.com.au, jedc@midcoast.com.au (Arthur Clampitt) writes:
>
>For myself , although located in Australia and not likely to purchase
>anything via this group, it is very interesting to look through the
>for sales as well as the general "chit chat"
>

Ditto. Who is it really hurting anyway if a few missguided soles post here?
I rather think that it's more of a control issue at hand here rather
than a real problem. Some people just like to control..
Hey, let your hair hang down, you might like it..

Brad WB8YGG

| ___ ________ | Bradley S. Mitchell Senior Project Development Engineer
| | / / | | Eastman Kodak Company
| | / / | | KEMD Electronic Products
| |< < K O D A K| | Circuit Board Assembly Dept. 606 Test Engineering
| | \ \ | | 901 Elmgrove Road Rochester, N.Y. 14653-5211
| |__\ ________| | (716) 726-5775, FAX (716) 726-7109
| | INTERNET: bmitchel@kodak.com
----------------- Amateur Radio Callsign WB8YGG

2183. Re: Yaesu FT-530 & FT-470

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Robert D Houghton <rhought@cello.gina.calstate.edu>
Message-ID: <43mcn0$qfg@cello.gina.calstate.edu>
Source record: 212290

No, the FT-470 uses an older battery design (FNB-17, I think) that is
shared with the FT-411 and FT-811 as well as even older Yaesu HTs. The
FT-530 is a more rounded design and they are not interchangeable.

++++++++++++++++++++++++++++++	++
	AMSAT member #26148
Robert D. Houghton	digital satellites: KC6LVG@PACSAT
Science Department Chairman	Packet radio: kc6lvg@k6unq.#cas.na
John A. Rowland High School	Other internet:
Rowland Heights, CA 91748	kc6lvg@amsat.org
	rdhoughton@vms4.sci.csupomona.edu
++++++++++++++++++++++++++++++	++

2184. Re: ___This Group Is NOT For Sales or Purchases___

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <43mf4v$npq@ixnews2.ix.netcom.com>
Source record: 212291

In <199509162030.NAA19946@jobe.shell.portal.com>
anonymous-remailer@shell.portal.COM writes:
>
>The charter of this group states that it is for discussion of
equipment-related issues. It is not the place to post equipment for
sale or wanted to buy.
>
>All ads should be posted to Rec.Radio.Swap.
>
>If you insist on doing otherwise, be prepared for e-mail from many
readers advising you of your error.
>
>Thankyou.

It is also very disrespectful to make anonymous postings on the net.
It's not that I disagree with you, but if you want to critisize, at
least have the guts to sign your name and call to the post.

Regards,

Duffy - WB8NUT

2185. FS: Kenwood TS-520S w/phnptch, mic, extspkr $375 or trade

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: awright@gate.net
Message-ID: <43lee7$mem@news.gate.net>
Source record: 212292

(1) Kenwood TS-520S, excellent condition, works fine. Comes with original PC-1 Patch controller, MIC-50 microphone, SP-520 external speaker (although the internal one works fine, too), all in great working order with manuals (even the PC-1!) Makes a great phone relay or field day machine - includes original 12-volt adapter harness. $375 negotiable, will consider partial cash/trades in exchange for (all working) VHF packet/microwave equipment, or even unusual stuff like radar guns, night vision goggles, computer equipment and the like. Purchase of Yaesu FT1000D forces sale.

All serious inquiries to: awright@gate.net or phone (941) 324-9624.

73,
Allen L. Wright KE4MIO

2186. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: k2ph@dxis.monroe.pa.us
Message-ID: <DF5K86.KF1@dxis.monroe.pa.us>
Source record: 212293

The original poster is correct, Arthur. I agree that a lot of people don't know that rec.radio.swap is the correct place to post buying, selling, or trading articles for amateur radio and related equipment. However, this is the hierarchy that people voted to accept just last year. Until the newsgroup hierarchy is changed, it is incorrect to post FS/WTB messages to rec.radio.amateur.equipment.

This is, after all, what you all wanted.

I understand the confusion, however, and wish that we had put the swap newsgroup under rec.radio.amateur. New people come into USENET, see a rec.radio.amateur hierarchy, look for a for sale group, and don't find one. However, they see an "equipment" newsgroup, look at it, see a couple of FS/WTB posts and naturally assume that it must be the correct place for FS/WTB posts. Why would they think otherwise?

Of course, people really should read the Guide to the Personal Radio Newsgroups before posting. However, this is only posted on the 15th of the month. If it was posted every week, maybe this would be less of a problem.

Just a thought.

73,
Bob K2PH

--
+------------------ \-\-\-\ -----------------------------+
Bob Schreibmaier K2PH	INTERNET: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

2187. Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <43mg1u$3pq@mgate.arrl.org>
Source record: 212294

Richard.Anderson@f81.n289.z1.fidonet.org (Richard Anderson) wrote:
> -=> Quoting Jeffrey D. Stai to All <=-
>
>
> >I have a 2m Allmode (FT-290) and would like to get on 6m. Is a
> >2m to 6m transverter available?
>
Sort of. I think they are marketed in Europe but not the
USA. If you really want one credit cards often make international
mail order practical.

Ten Tec sells a 20 meter to 6 meter kit.

I plan to publish a 2M to 6 meter transverter design in QEX.
However, no circuit boards will be available unless someone
else designs them. After all, QEX is an experimenter's
exchange published by the ARRL. I think circuit boards
discourage experimentation.

Zack KH6CP/1
zlau@arrl.org

2188. Re: * This Group Is Not For Sales or Purch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <43migd$hmv@newsbf02.news.aol.com>
Source record: 212295

In article <43mdd4$g91@kodak.rdcs.Kodak.COM>, mitchell@dtcs70.kodak.com (Brad Mitchel) writes:

>
>Ditto. Who is it really hurting anyway if a few missguided soles post here?
>I rather think that it's more of a control issue at hand here rather
>than a real problem. Some people just like to control..
> Hey, let your hair hang down, you might like it..
>
>
>Brad WB8YGG

Hi Brad,

I think the problem may eventually come in the volume of for sale postings. That's why I never bother to download the radio.swap group, it's just too much stuff to sort through.

I see the potential problem "for sale posts" can cause here, and agree they should be discouraged. If the volume ever gets a tenth as high as on radio.swap this group will be useless. Why wait until it becomes a problem before controling it?

73 Tom

2189. Re: Mobile UHF Duplexer Recommend

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: milcom@netcom.com
Message-ID: <milcomDF5p2B.FD5@netcom.com>
Source record: 212296

In article <mmusick-1809951001200001@198.102.74.50>,
>To tune duplexers correctly takes patience, knowledge - and a spectrum
>analyzer/sweep generator. It's not something I'd want to consider doing in
>the field, and that's provided I had ready access to an analyzer.
>Duplexers usually come from they factory tuned to your application, and I,
>for one, am glad they do.

Tuning can be such a chore without the right eqiupment. It can be
frustrating in all cases if you find out you have a broken ground
on a test cable.
Tuning of such filters i've found has never been easyer than with
a HP8753C/D. It's a microprocessor controlled network analyzer
which consists of a sythesized sweeper. That is the key to tuning
cavities, the ability to set a marker and know its on the right
frequency and will stay. In addition the ability to view return
loss and insertion loss simultaneously while sweeping thru both RX
and TX frequencies makes tuning easy enough for almost anyone.
But the 8753 is a bit overkill for that, with its vector functions.
Scalar only network analyzers are available for 1/4 the price.

2190. Re: HTX-202 strange problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: rick@enter.net
Message-ID: <43mkdk$sqb@dns.enter.net>
Source record: 212297

In article <43h88d$c8b@over.mhv.net>, Thomas.Randall@bbs.mhv.net
says...
>
>
> I was in Radio shack yesterday and a fellow ham brought in his 202 with
>a wierd problem. The signal strength meter was constantly reading a full
>recieve signal on all freqs. even though no one was on the air. We tried
>resetting the radio with no luck. He had them send it in for repair.
>Anyone else have this trouble? We couldn't figure out the problem. I was
>hopeing to figure it out for the guy but no luck.
>By the way, the radio still worked o.k. dispite this occurance.
>
>
>Tom
Tom , I wondered if you tryed a microprocessor reset on the HT?
The HTX-202 has alot of RF floating around inside due to some marginal
shielding and they can be wacked out pretty easy.
73
Rick
N3MHW

2191. Re: RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: rick@enter.net
Message-ID: <43mkth$sqb@dns.enter.net>
Source record: 212298

In article <1995Sep17.013035.17282@lafn.org>, ag001@lafn.org says...
>
>
>Radio Shack should include this warning with the very poor instruction
>book they include with their HTX-202, which I understand is mfg. for
>them by Icom in Korea: never plug your 202 into the cigar lighter with
>your 12-volt+ battery UNLESS you're using an external antenna
>(like a mag-mount). If you use the rubber duckie, the 5+ watts of RF
>you generate feed back into the set, causing the PLL to unlock,
>thereby rendering your HT useless until repaired. I've gotten so
>cautious I won't even use the HT inside the car with the NiCad, because
>the metal and windshield might cause same problem.
>
>If anyone knows a way around this, or how ro reset the PLL once unlocked,
>I'd be very grateful to hear from them.
>
>KE6OCM
>--
>pax vobiscum
If the PLL unlocks in the HTX-202 it should display a error code on
the LCD display. All that has to be done is turn the radio off or if it doesn't
clear a reset of the microprocessor should clear it up.
To do a reset turn off the radio,press and hold the function & clr key and
turn on the HT.All programed will be lost but it should clear the error out.
73 de
Rick
N3MHW

2192. Re: P-173

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: Matti.Niemela@ntc.nokia.com
Message-ID: <43lspk$q2i@axl02it.ntc.nokia.com>
Source record: 212299

```
In article <43h492$abn@prometheus.algonet.se>, bengt@algonet.se says...
>
>I have a question for a friend of mine, he has bought a russian
>surplus transiver in Estonia,Tallin, and he knows nothing about it.
....
```

"Jane's Military Communications 1993-94" gives a short information:
P-173 is a two-way transceiver for voice and analog/digital data
communication. Frequency range is 30 - 75.9 MHz and output power 30W.
Ten frequncies can be preselected. The weight is 43 kg as your friend
certainly has already observed.

```
73 de Matti/OH2ZT
```

2193. Re: Yaesu FT 51R -Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: ddillon@csulb.edu
Message-ID: <43l32d$f70@garuda.csulb.edu>
Source record: 212300

SlowalkJR (slowalkjr@aol.com) wrote:
: I just purchased my first HT. I'm looking for information reguarding
: modifying the Yaesu FT51R to expand it's TX range. Thanks. Please send
: replys to SlowalkJR.
: James, KF4AQO

try this
ftp to oak.oakland.edu
I cant remember the directory, but it is under something like this.

cd pub\hamradio\mods\yaesu
after getting into the yaesu directory, type ls ft51* and you will see
about three files relating to yaesu ft51r mods. one will list for the
5100.. you can disregard.

Another option is to go to Yeasu over in cerritos CA. Ask for the
information on the keyboard entry adjustment to the mic deviation. They
will give you a copy of a few pages of information regarding a few things
that can be adjusted via keyboard entry. It looks interesting, but mine
works fabulous and I am not going to mod the thing. I do not need to
transmit out of band.

If I really wanted to do so, I would use a ft470 for that. Easy to mod,
and an overall fabulous radio. Yaesu provides fabulous customer service,
and that is the primary reason I made the purchase of my ft890, ft470,
and the ft57r along with lots of accessories. They are intelligent,
friendly, efficient, fair priced, and honost when it comes to service.
Not only that, but they are up front with mods, and information, and
technical stuff.

By the way.. if you don't need to transmit out of band.. don't do the
mod. There are no advantages... only disadvantages. You will suffer
slightly higher intermod, lower sensitivity/selectivity... etc. I will
un-mod mine next time I have it opened.

Just my $0.02 worth.
Dan

--
------------------------73 de Dan, K D 6 F P X------------------------
Finger or e-mail for PGPv2.6 key. | [*=] [||]
Internet:ddillon@engr.csulb.edu | PGPprint=02 A6 07 34 22 80 53 09
WWIVnet:#612 @ 1187 | 8C 1E 5E 15 1A B4 43 1F
Packet:kd6fpx@k6ve.#soca.ca.usa.noam |
~~~~~~
~~~~~~

2194. Yaesu FT-530 & FT-470

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-19 00:00:00 UTC
From: hbcsc274@huey.csun.edu
Message-ID: <43lp7q$aid@nic-nac.CSU.net>
Source record: 212301

I have a Yaesu FT-530 and I am wondering if the FT-470 uses the same type
of battery? ie. can I use the same battery on both the 530 & the 470?
73
Jerry KE6UUX

2195. IC-737/736/738 MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: Tony Preston <preston@omen.com.au>
Message-ID: <43p80f$tq4@hades.omen.com.au>
Source record: 212152

Hi,

If you know of any mods for the IC-737/736/738, or any site which has
mods for these radios, please can you let me know?

Many thanks & 73's,

Tony

2196. ICOM Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: Tony Preston <preston@omen.com.au>
Message-ID: <43p855$tq4@hades.omen.com.au>
Source record: 212153

Hi

Do you know of any mods for the ICOM IC-737/736/738 transceivers? Please
can you send them to me, or tell me where I might find them on the NET?

Many thanks and 73's

Tony

2197. ICOM 735 on 160?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: epur01@email.mot.com
Message-ID: <epur01-2009951703070001@pla1970.comm.mot.com>
Source record: 212154

Am interested in hearing opinions from those who have experience with the
Icom 735 on 160 meters. Pro and Cons, I'd like to hear them.
Tks.

--
Don Burns K4GHD \ Motorola E-Mail: epur01
Motorola Inc. \ Internet:epur01@email.mot.com
North American Radio Systems Divn \ Voice: 954-723-5518
Plantation, FL U.S.A. \ Fax: 954-723-4343

X.400: /c=us/admd=attmail/prmd=motorola/g=don/s=burns/ddt=id/ddv=epur01/

2198. COLLINS ANYTHING WTB

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: neil@eden.com
Message-ID: <neil-2009951733270001@199.171.21.216>
Source record: 212155

I am looking for any and all Colliins amatuer gear that ever was. Any condition is welcome. Particulary the 51s1 reciever. If any of this stuff is littering your shack drop me a line. Thanks, Neil

2199. Re: MFJ-422B Keyer & TS-440?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <43qi59$h1@newsbf02.news.aol.com>
Source record: 212156

In article <43q4l3$bn0@felix.TECLink.net>, "Tom C. Brown, Jr."
<tbrown@TECLink.net> writes:

>
>I have an MFJ 422B and I use it almost exclusively with an Icom, although

>which Icom varies.....sometimes a 728 and sometimes a 725, and I have
>never had the problem that was described here. I'm with you, and think
>the 422B referred to is broke! Sounds like an open output transistor to
>me, or something like that....of course I have not looked at the diagram
>and I don't know if the direct output is a discrete device or a chip.....
>
>I'll tell ya....that is one thing that I REALLY like about my good ol'
>bugs.....the fact that you DO get a real, physical, contact closure! <g>

>I enjoy the 422B as well, but I confess that the main reason I got it was

>to provide a usable sidetone while operating the Icom 725 and 728. The
>sidetone provided by either one of those (otherwise fine) rigs is all but

>worthless.
>
>The 422B is sure a nice piece of gear isn't it?
>
>73
>
>Tom KJ5IE

Hi Tom,

I'm with you 100 percent, I think the poor guy just had a bad component or
connection. I don't know why it was recommended he modify a perfectly
proper design instead of repairing the problem!

I wasn't going to say anything but I hated to see a huge technical
distortion ...errr, I mean discussion .... explaining why the transistor
output design could never work reliably when it obviously can and does. It
was kind'a like recommending someone with a flat tire re-design his car
and to eliminate the troublesome wheels!

Perhaps someone confused VBE (sat) and VCE (sat) and thinks the collector
can never go below .7 volts in a conventional bipolar silicon transistor.

Anyway, my 422 keyer uses a MPSA42 keying transistor. That device is
speced to have a worse case, worse device *MAXIMUM* of .5 volts VCE at 20
mA collector current (2 mA of base current), but the *TYPICAL* MPSA42 VCE
is 1/10th volt at 20 mA collector current!

I actually measured the closed key voltage across the direct output of my 422. My 422 pulls the ICOM key line to within .039 volts and the Kenwood line to within .057 volts of ground!!!!!! That sure seems low enough to me.

On a lighter note (get it?) I reworked the sidetone of my ICOM 751A, and moved the carrier offset on CW. I like a 400 to 500 Hz tone, not that squeeky nerve-grating tone they give you from the factory. It involved changing several resistors and capacitors and was a real chore. So I feel your side-tone pain.

73 Tom W8JI

2200. Weller Mini-Shop Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: mharmon@txdirect.net
Message-ID: <43qpv0$1mc@nimitz.fibr.net>
Source record: 212157

I use a Weller Mini-Shop, model 651 for numerous small jobs around ham and electronic equipment. The case on mine is is very bad condition. ANyone have a 651 for sale or trade, working or not? Thanks for reading. Best 73,

Gary Harmon/K5JWK
6302 Robin Forest
San Antonio, TX 78239

2201. Re: Yaesu FT 51R -Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: Scott Lawrence <lawrence@en.com>
Message-ID: <43q8de$fn8@antares.en.com>
Source record: 212158

slowalkjr@aol.com (SlowalkJR) wrote:
>I just purchased my first HT. I'm looking for information reguarding
>modifying the Yaesu FT51R to expand it's TX range. Thanks. Please send
>replys to SlowalkJR.
>James, KF4AQO

I'm looking to possibly buy and FT51R. How do you like it? Any comments?
If anyone has mod info, Id appreciate it if you could foward it to me.

I'm taking my Tech test this weekend..

Thanks

2202. Re: battery cover plate f

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.6035.7583.0NFBB230@woodybbs.com>
Source record: 212159

CM>>There is no reason to take the battery off an HTX202 when operating
>>from a DC power source into the jack on top (by the ant. jack) The
>>radio will draw power from the source with the higher voltage.

Here's some User Notes on the HTX-202...

ALWAYS: Slide off your NiCad pack when using external DC power from your vehicle or a power supply! Leaving the pack on while mobile puts too much burden on the Zener diodes, and generates heat at twice the normal rate. Save your radio and take off the pack!

Unlike it's Icom brother, the 202 will not top charge an Icom pack while on external DC power. Refer to the warning above!

WARNING: DO NOT ATTEMPT TO BOTTOM-CHARGE THE STOCK NICAD PACK IN AN ICOM BC-35 OR CLONE CHARGER.

Clint

* 1st 2.00 #8286 * ATTENTION to Details BBS - 909-681-6210. EFF/ESC/ASP/AOP.
---

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

2203. TS-60--6m Op Experience

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: Harrington.Ed@mail.ndhm.gtegsc.com
Message-ID: <Harrington.Ed-2009950859530001@157.176.66.44>
Source record: 212160

I am looking for info on the operational performance of the Kenwood
TS-60. Also, I would like to know how often the band is open and how
active is the band in general, i.e., FM vs SSB vs AM. Any repeater
activity??
Thanks and 73s,
Ed--AA1IN

2204. Re: Cleaning of Equipment...Advice please...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <43qoke$6gn@bighorn.accessnv.com>
Source record: 212161

Rfrans (rfrans@aol.com) wrote:
: I just acquired a complete Heathkit SB-101A setup... filthy dirty on the
: inside...looks like someone was sawing wood above it at some point...lots
: of sawdust in side on the circuit boards...works great, but I would like
: to know if their are any techniques for cleaning inside? Is it safe to
: use the air hose at a gas station if kept at a safe distance? Or is just a
: vacumn ok for the task? Obviously, I don't want to harm the delicate
: circuit boards...!

: Any advice would be great!

: Thanks,

: Rob Frans
: KC8BAP
: Grand Rapids, MI

Compressed air, in moderation (i.e., not enough force to physically blow
parts off the boards) is fine ... so is application of a general purpose
cleaner like "409" followed by light scrubbing with an old toothbrush or
stiff-bristled paintbrush. Vacuum cleaners typically don't have enough
air volume to do the job. Those boards aren't as delicate as you might
imagine!
73, and good luck,
"Squeak", AD7K
Manager AES/Las Vegas

2205. 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <7988-209598301@humnet.humberc.on.ca>
Source record: 212162

> I plan to publish a 2M to 6 meter transverter design in QEX.
> However, no circuit boards will be available unless someone
> else designs them. After all, QEX is an experimenter's
> exchange published by the ARRL. I think circuit boards
> discourage experimentation.
>
> Zack KH6CP/1
> zlau@arrl.org
>

Hi Zack... can you give us a brief rundown of the design...
Passive or active mixers ? MMIC gain blocks ? What about the front-end
and PA ? Airwound or toroidal inductors ?
In what issue of QEX do you expect it to appear ?

Regards..

Hugh Duff VA3TO Toronto

 NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
Visit our Website at http://humnet.humberc.on.ca/

2206. Kenwood 241, Icom 2000H or Yaesu 2500. Bad points?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: shustak@parkcomm.iii.net
Message-ID: <43npdu$41v@news.iii.net>
Source record: 212233

I am considering a replacement for an old Kenwood 7625. Can anyone provide bad news or dislikes for the above three radios? I'm familiar with the features and bragging points.

Thanks
Chris N1AUP

2207. TNC emulation using existing model□m?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: lumkes@cae.wisc.edu
Message-ID: <43np9o$thu@news.doit.wisc.edu>
Source record: 212234

Hello,
I was wondering if there is any way to experiment with packet (2m)
using the modem I have in the computer. Is it possible for the
computer to do the assembly and disassembly of the packets?
Possibly via some software someone has already written.

Thanks for the help,
John Lumkes, KG9EA
lumkes@cae.wisc.edu

2208. Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep20.014725.11540@ke4zv.atl.ga.us>
Source record: 212235

In article <43mg1u$3pq@mgate.arrl.org> Zack Lau <zlau@arrl.org> writes:
>
>I plan to publish a 2M to 6 meter transverter design in QEX.
>However, no circuit boards will be available unless someone
>else designs them. After all, QEX is an experimenter's
>exchange published by the ARRL. I think circuit boards
>discourage experimentation.

I disagree to an extent, Zack. I think circuit boards can
facilitate experimentation since it's often easier to modify
a circuit board than to design and fabricate your own from
scratch. That's not always true, but like working with ICs
rather than discretes, its often true that having some of
the donkey work already done tends to encourage experiments.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2209. Re: Yaesu FT-530 NICAD battery pack...HOW TO OPEN?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: aq220@lafn.org
Message-ID: <1995Sep20.022229.1091@lafn.org>
Source record: 212236

In a previous article, orbelld@pcbe.edu.on.ca (David Orbell) says:

>From the informative messages in this forum, I've come to the conclusion
>that I've got a bad cell in my NICAD 7.2 volt battery pack.
>
>Has anyone had any experience in opeing the battery packs from a FT-530?
>Can it be done in such a way, so that you can get it back together..... so
>that it will still attach properly to the FT-530?
>
>I've noticed a "third party" 12 volt cells for the Yaesu FT-530 by
>Periphex, for a more reasonable price..about 30% cheaper. Has anyone ever
>tried this product?
>
>
>Dave
>VE3RRN
>
I read in a FAQ about putting the FT-530 pack in the freezer and freezing
the pack. It stated that the pack is glued together and by freezing and
giving the pack a good smack usually gives a clean break at the glue line.
I haven't had the need to try this yet, but I'm sure I will since I own
two FT-530.

Saul
KE6MHP

2210. Icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: pmy@ix.netcom.com
Message-ID: <43o7vl$h1s@ixnews2.ix.netcom.com>
Source record: 212237

I saw an ad in the latest QST for this dream rig. Nobody seems to have it in stock yet. Anybody know the street price for this rig? Is it 100% duty-cycle?

2211. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: NCZN58B@prodigy.com
Message-ID: <43oasi$17uo@usenetw1.news.prodigy.com>
Source record: 212238

Being something of a junk collector I have a number of radios that transmit on various frequencies-I guess that makes me a really bad person, unless the fact that I don't use these counts for something. I just wanted to see what "made them tick".

I have a close friend who owns a Radio Shack dealer store, and his employees are instructed to discuss the purchase with the customer at length before completing the sale, and to refuse the sale if there is any doubt as to the reason for the purchase. I was there the other day when two construction workers came in looking to buy radios. One of them had seen something about the HTX-202 and knew it could change frequencies, and they wanted two of these. The employee refused the sale, and they wound up with two VHF business radios.

On the other hand, I've seen them sell to an unlicensed person once in a while, after it became apparent that this person had actually been studying for the test, and it was made clear to them that transmitting without a license was illegal, and just plain dumb, since the people you would make mad by doing so are the same ones you will be trying to talk with after passing the test.
-
JAMES DEAN KD4USF NCZN58B@prodigy.com
Yes that's really my name.
Email to Jim.Dean@sid.net It's cheaper-Thanks

2212. Re: Looking for first handheld, suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <43of8m$4kag@info4.rus.uni-stuttgart.de>
Source record: 212239
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

>So if anyone has any suggestions, please email me..
>lawrence@en.com

Hi Scott,

May be the best suggestion is, not to get a hand held at all. You may soon find that its range and usefulness is rather limited and that you had spent better the cash on an decent s/h mobile radio. Before investing money into a twinbander you should enquire about the level of 70 cm activity in your area. A large number of folks do have 70, but never used it.

73, Moritz DL5UH

2213. Yeasu FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: Scott Lawrence <lawrence@en.com>
Message-ID: <43q8uh$fn8@antares.en.com>
Source record: 212240
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I'm looking to possibly buy this radio (FT51R) If anybody owns one, I would appreciate any comments. The price at AES (store front) is about $460. Has anyone seen a better price?

Thanks

2214. Re: Yaesu FT-530 & FT-470

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: victorm@cts.com
Message-ID: <DF6uHo.ID6@crash.cts.com>
Source record: 212241

hbcsc274@huey.csun.edu (Jerry Wang) wrote:

>I have a Yaesu FT-530 and I am wondering if the FT-470 uses the same type
>of battery? ie. can I use the same battery on both the 530 & the 470?
>73
>Jerry KE6UUX
Nope, They use different bateries

Victor Morange
KO6ZK

2215. Alinco Service Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <43oalv$9fa@newsbf02.news.aol.com>
Source record: 212242

I have had some very poor and unusual experiences with the Alinco repair and service department. One radio has been back to Alinco 5 (five) times for the same problem. Have been twice promised a new replacement radio. First promise fell through completely. Got same radio back with same problems. Second promise (for a 582) also fell through and received a 'new' (?) 580 wrapped in a plastic bag. The new Executive Vice President (Taka) refused to take my phone call. Much more to the story. Many UPS trips, letters and phone calls full of empty promises. Any other experiences out there? How would one start up an internet mailing list or forum for Alinco product users to correspond with each other concerning their experiences, both good and bad, and to discuss Alinco products, features, etc, etc,..... Thanks in advance for your input.
Rick Crider KD4FXA
Monroe NC

2216. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <43o43b$hqe@bighorn.accessnv.com>
Source record: 212243

Tom, Lets put it in production. There is a market for them in Finland and South America :>)

Bob KG7D

2217. TS-870S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: jlb@earthlink.net
Message-ID: <199509200712.AAA29848@atlas.earthlink.net>
Source record: 212244

I had a chance to use a TS-870S today for about a half hour and was using a 20m beam at 65 feet. 30 minutes is not enough time to evaluate the radio so all I can offer are my first impressions. My point of reference is a 1000D which I used for three years and was glad to get rid of and a IC-738 which I am using now and like a great deal. (QST loved the 1000D and gave the IC-738 low marks.)

The first thing that struck me about TS-870S was that there was no easy to find keypad for direct entry. It may be there I just could not find it. Also it has no separate 2nd receiver. The DSP filtering reminded me of my Timewave DSP with very similar performance. It worked great on CW and was OK for voice but it didn't work "head and shoulders" better than my Timewave. The main tuning knob takes some getting used to also. It protrudes out from the front panal more than most and I kept having to bend my wrist in an awkward way to turn the knob.

On the plus side I did like the receive audio and I especially liked the electronic "bandpass" filters. I also was very impressed with the variable AGC.

Joe, AA6WG

2218. Need Info: Collins COL - 52286

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: ki7zd@chinook.halcyon.com
Message-ID: <43ocih$5bm@news1.halcyon.com>
Source record: 212245

Looking for ANY info on the COllins Col-52286 Trans.
One was found at a yard sale, and we are not sure how the heck to get it
on the air.

Any info would be GREAT!

Thanks.

ki7zd@halcyon.com

--
/-/-/ ~~~~~~
| Amateur Radio Station Inet: ki7zd@halcyon.com
| KI7ZD
| WWA CN87 73's _._ .. __... __.. _.. "If RST > 519, Reduce Power!"

2219. DR 112 on 220?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: mkelly@brisbane.DIALix.oz.au
Message-ID: <43ov30$qf8$1@brisbane.DIALix.oz.au>
Source record: 212246

One of the buttons on the DR112 failed and after attention to it I idly checked all the others behind the front plate just to save myself a trip back. I did not notice until too late that there is an extra one between the 'call' button and the Mic socket which is labelled 'reset'. The power was off but the readout flashed.

On power-up, the VFO now tuned 220-224. Nothing on 144. We do not have an allocation on 220. Pressing the reset with power on restored 2m to me - I had to set everything!

This information I have never seen anywhere else but is of curiosity value to me, only. Perhaps the W/K/N stations with a DR112 can make something more of it?

Cheers. Murray Kelly vk4aok.

2220. Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: geertj@ripe.net
Message-ID: <DF7E3y.Hu7@inter.NL.net>
Source record: 212247

In <1995Sep20.014725.11540@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <43mg1u$3pq@mgate.arrl.org> Zack Lau <zlau@arrl.org> writes:
>>I plan to publish a 2M to 6 meter transverter design in QEX.
>>However, no circuit boards will be available unless someone
>>else designs them. After all, QEX is an experimenter's
>>exchange published by the ARRL. I think circuit boards
>>discourage experimentation.

>I disagree to an extent, Zack. I think circuit boards can
>facilitate experimentation since it's often easier to modify
>a circuit board than to design and fabricate your own from
>scratch. That's not always true, but like working with ICs
>rather than discretes, its often true that having some of
>the donkey work already done tends to encourage experiments.

2M / 6M is a range on which dead bug (uglyboard) works very well.
Alternatively, you may want to go this way and tell about it
more explicit. Uglyboard is faster than a regular PCB, no messy
chemicals, and easy experimenting.
It might be a good way to show how this stuff can be built so
it would actually work. All it takes is unetched PCB.

IMHO, it would be *very* appropiate to show people how they can
construct their own circuits easily without those
nasty PCB layout problems.

Geert Jan
(who discarded his etching materials several years ago)

2221. Re: Cleaning of Equipment...Advice please...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: jms@col.hp.com
Message-ID: <43p5eg$fkg@nonews.col.hp.com>
Source record: 212248

Rfrans (rfrans@aol.com) wrote:
: I just acquired a complete Heathkit SB-101A setup... filthy dirty on the
: inside...looks like someone was sawing wood above it at some point...lots
: of sawdust in side on the circuit boards...works great, but I would like
: to know if their are any techniques for cleaning inside? Is it safe to
: use the air hose at a gas station if kept at a safe distance? Or is just a
: vacumn ok for the task? Obviously, I don't want to harm the delicate
: circuit boards...!

: Any advice would be great!

Well, if it were mine-- The air pressure at typical gas stations is quite
high. If you use it, be very careful. If the crud isn't stuck on too
tight, you might try using a vacuum cleaner, but with the hose connected
on the air output side. You can do this with a many vacuum cleaners.
Then, by using the 'wand' attachment, the one that pinches down to a
small opening, you can get enought pressure to blow off dirt, etc. without
any damage. If the stuff is stuck too tight to blow off, what I do
is to wash the equipment. First with 'Formula 409' cleaner and a small
brush to loosen the really bad spots, then rinsed very well with water,
allowed to 'drip dry', then I dry it for a day or so in a 50 degree C
heat box. You must not soak any paper items, such as as dial scale and
it's not good to direct water at an unsealed power transformer. Of course,
I have a 'wash booth' and a 'heat box' available at work, so it's easy
for me to do this. But it does work.

Good luck, de Mike, K0TER

2222. Re: Help me out on 5km cordless phone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: jer@fc.hp.com
Message-ID: <43pcot$qtp@tadpole.fc.hp.com>
Source record: 212249

Starry Hung (h8716718@hkusub.hku.hk) wrote:
> Hi,

> I am new to this newsgroup and hope you experts giving some suggestions
> for my 5km cordless phone. I can't find many information from the
> manual, but understand it is in the UHF band and having communication
> range of 5km in optimal condition. Of course, my environment is too
> bad (many obstacles, near high voltage line, and many buildings around),
> and the effective communication range is less than 500 meters! (indoor)

It may have been a typo that says... ".5km", which IS 500 meters. It
is UNLIKELY that the phone will operate beyond 500 meters, as it was not
designed to... Just think of all the cordless phones out there and the
likelihood that two people within 5km would have the same
make/model/frequency.

--
Jer/ (Slash) Eberhard, jer@fc.hp.com, 970 229-2861 OFFICE, 970 229-3598 FAX
Hewlett-Packard, 3404 East Harmony Rd MS-E8, Ft Collins, CO 80525-9599
C-182 N182H, CFII Airplane & Glider, FAA Denver FSDO Aviation Safety Counselor
CO-CAP Group 2 Cmdr, MSN CheckPilot, PP218 HAM N0FZD, 29 Young Eagles Flown!

2223. Want to rent ICOM equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: simonho@ix.netcom.com
Message-ID: <43pghk$m4@ixnews2.ix.netcom.com>
Source record: 212250

Can anyone give me some info or pointers where I can rent some ICOM equipments to do some short-term testing. Bay area of California would be most best for me.

Thanks in advance.

Simon Ho

2224. source for MC3362

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-20 00:00:00 UTC
From: stevekn@aol.com
Message-ID: <43pnfb$j58@newsbf02.news.aol.com>
Source record: 212251

I'm looking for the MC3362 single chip receiver chip and the LM6321 buffer opamp.
Question: Does any one know of a source which carries this chip. If the chip is unavailable, is there an upgraded chip with a new manufactuers part
number? Hopefully they still have the chip (or similar one with the same pin
outs). Any help is appreaciated :)
please reply via E-mail.

Thanks de Steve, KD1EN

2225. Re: Repeater Battery Indicator

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <43qfef$79q@news.halcyon.com>
Source record: 212163

In article <43prkk$k8d@spool.cs.wisc.edu>, Scott Ellington <sellington@ssec.wisc.edu>
says:
>
>A ZL friend of mine is looking for a way to remotely read out the
>battery voltage of a mountain-top solar powered repeater. I wonder
>if there is a device which, for example, could be interrogated with
>a DTMF code, would read the output of a DVM or A/D converter, and
>transmit (cw, voice synthesizer, digital, etc.) the results. Perhaps
>some of the commercial repeater controller have such a feature.
>
>Any suggestions? Please reply by email.
>
>73,
>
>Scott K9MA
>sellington@ssec.wisc.edu
>
Scott,

TAPR has a device that might fit this. I can not remember the actual Name, but it takes analog inputs and then you can attach them to a packet controller as I remember.

73' Gary

2226. Kenwood TS440 problem - second try!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: nomer@tyrell.net
Message-ID: <mGMYwEqQFwYX083yn@tyrell.net>
Source record: 212164

Sorry about the incomplete post the first time...I'll try once again.

I have a Kenwood TS440 which is five years old. It's had the VCO problem taken care of, and worked fine for about a year after this repair. But now, on 30-10 meters, on CW, there is a frequency shift at the beginning of each CW element transmitted. (The receiver is rock-steady on all frequencies.)

I had the rig checked by an out-of-town repair shop. It checked out fine; I talked with the tech and he assured me that there was no visible problem on the scope and no audible problem with CW transmissions. I only shipped the rig, not the power supply or power cable.

When I received the rig from the repair shop and hooked it back up, it exhibited the same problem as before. But while getting things hooked up, I noticed that the fuse holders were getting very warm after a few minutes of approx. 20-wpm CW transmission.

I have checked out the power supply, and it is OK. I'm to the point now that I'm strongly suspecting the power cable. I replaced the fuse holders, and the new ones heat up like the originals. Also, it appears that the rig is drawing approximately 2 amps less than it used to; this is according to the ammeter on the Astron power supply I'm using.

Has anyone had a similar problem? Any ideas will be appreciated!

Steve

2227. Heathkit DX-20 CW Transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: Thomas Foster <tlfoster@ix.netcom.com>
Message-ID: <43qitn$cq8@ixnews3.ix.netcom.com>
Source record: 212165

I began ham radio back in 1962 with a Heathkit DX-20 50-watt CW transmitter and an old Hallicrafters S20R receiver. Is there anyone who would like to sell their DX-20?

2228. Beam spacing on 70cm fm:

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: umsnarr@cc.umanitoba.ca
Message-ID: <43qrnk$2vg@canopus.cc.umanitoba.ca>
Source record: 212166

I have two eleven element 70cm beams made by CushCraft. These same
antannas are sold with a kit for stacking and I am wondering what the
ideal spacing would be when installed with vertical polarity on a cross
boom. Reading the instructions tells me that the spacing should be 25",
or just under one wavelength. This seems to be a bit close to me but I am
looking fore an opinion from someone who has had some experience with these
antannas.
Please e-mail me if you have any ideas on this. I'm planning on
putting them on an 80' tower and don't feel like adjusting things way up
there!
Thanks in advance.
-Gord.
--
****
****** Gordon L Snarr, Amateur radio call VE4GLS, (UMARS & MRS member) ******
********** School of Agriculture Diploma Grad (1995) **********
****

2229. 870 v. 775 v. 1000?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: penneys@brahms.udel.edu
Message-ID: <43rg0r$cg4@brahms.udel.edu>
Source record: 212167
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I want to hear your experience with and viewpoint concerning the new
TS-870, IC-775, JST-245, FT-1000, -D, -MP, TS-950SDX, or other top rigs,
in terms of their pros and cons for a contester who does NOT chase DX, and
favors CW.

Tnx, Bob
--
Bob Penneys, WN3K Internet: penneys@brahms.udel.edu
Frankford Radio Club N.E.R.D.S.

2230. 5 mile range

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: Michael Hsu <mhsu@ols.net>
Message-ID: <43rqha$rt5@server2.ols.net>
Source record: 212168
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I need help!!!

My friend is thinking about buying a walking talking with 5
miles range in mind.

I have 2 quesitons:

1. Where to post this message?

2. Does any one has any suggestion?

Please EMAIL me a message. I don't spend too much at
newsgroup.

Thanks

2231. Re: What to buy TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: ka1jy@nai.net
Message-ID: <43rggh$jq@a3bsrv.nai.net>
Source record: 212169

george@sky.net wrote:

> I live in the Kansas City area.Im looking for a TNC.I would like to get a kam 3 but will consider other
>brands of tnc.If you got one for sale let me know at george@sky.net.Give me the price that you want for it
>
Is Kantronics still ripping hams off by selling products that are
totally incompatible with after market products? (like modems,
software, etc.) Seems to me that for years hams bought kpc-2's
thinking they were getting a good deal only to find out later when
everyone else was upgrading with tapr or g3ruf or k9ng modems that
their kpc-2's were stuck at 1200 baud forever.

Just wondering....

-be

2232. Re: Transmit Video on CATV 60??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: PKST66A@prodigy.com
Message-ID: <43rkt0$186c@usenetp1.news.prodigy.com>
Source record: 212170

The item you are describing is called a modulator. They come in all shapes and sizes, with all types of price tags. There is one unit which is called a CAM-25. It will generate a beautiful tv signal on cable ch's 37- 70. Cable ch 60 = 439.25. This unit costs about $125 and puts out a very low level signal, suitable for connecting to a tv via a piece of coax cable. If you intend to transmit into the air you must step this signal up many many times. I use this modulator as my atv exciter. You can get one from the folks at Pauldon Electronics, Upstate NY. Good luck..
Danny N2EHN

2233. QUICK-VIEW Repeater Directories

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: gserfass@callnet.com
Message-ID: <43rljm$ru0@kiwi.futuris.net>
Source record: 212171

```
-----------------------------

Quick-View Repeater Directory

-----------------------------
New - EXECUTIVE WALLET SIZE
- Small Full Color State Map for each directory
- Each page is laminated for durability
- Each state book is bound to allow all pages to flip in back
of each other
- Sorted by CITY & FREQUENCY to find entries fast!

The QUICK-VIEW repeater directories are priced according to each state
depending on the size of each directory. Most of the repeater directories are
$12.00 with a few exceptions. Size of each directory is 5.5" X 4.25"

Sending a check in advance will alleviate the cost of the C.O.D. fee of $4.50
-------------------------------------------------------------------------------

Call TRC at (203) 878-0551. (N1KFB....N1OXR) '73's

-------------------------------------------------------------------------------
```

2234. Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <43roe4$ona@mgate.arrl.org>
Source record: 212172

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>In article <43mg1u$3pq@mgate.arrl.org> Zack Lau <zlau@arrl.org> writes:
>>
>>I plan to publish a 2M to 6 meter transverter design in QEX.
>>However, no circuit boards will be available unless someone
>>else designs them. After all, QEX is an experimenter's
>>exchange published by the ARRL. I think circuit boards
>>discourage experimentation.
>
>I disagree to an extent, Zack. I think circuit boards can
>facilitate experimentation since it's often easier to modify
>a circuit board than to design and fabricate your own from
>scratch. That's not always true, but like working with ICs
>rather than discretes, its often true that having some of
>the donkey work already done tends to encourage experiments.

I see your point, but since I can't supply circuit boards
(HQ staffers can't run amateur related businesses), I
prefer to leave QST page space open for others to fill.

I'm still waiting for an Internet PCB layout standard to
evolve. In fact, few hams other than myself seem to be
distributing Net compatible layouts in *any* form. I'm
currently generating Postscript files using HiWire, a
CAD program by Wintek, but suspect I ought to switch over
to Autocad to gain the flexibility of generating things
like properly dimensioned rat race microwave mixers.

Zack KH6CP/1 zlau@arrl.org

Anyone monitoring VT broadcast stations for tropo
openings?? Like to know what evenings to activate
FN33KE/KD on 432 to 10 GHz.

2235. Ten Tec 670 Keyer Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: vhatley@aol.com
Message-ID: <43rq2e$9r3@newsbf02.news.aol.com>
Source record: 212173

I am looking for a Ten Tec 670 electronic keyer to match my Century 21.
Must be in excellent woriking condition. Email at VHatley@AOL.com. Thanks

2236. Re: battery cover plate for HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: rpo3352@omega
Message-ID: <43rqin$s4d@utaipx02.uta.edu>
Source record: 212174

cmallam@mail.magi.com wrote:

: i was in the habit of taking the battery pack off when operating with external DC,
: because i measured whatever voltage was going in the top, coming out the bottom.
: Is there a diode in the nicad battery to prevent overcharging the battery with external
: DC going in the top?
: ----------
: cmallam@magi.com
: Chris Mallam, B.A., VA3CME
: Ottawa, Ontario, CANADA
: OS/2: Drag me, drop me, make me feel like an object!
: http://infoweb.magi.com/~cmallam/INDEX.HTML
: BBS: 613.241.9750

There is a diode that prevents charging at all from the DC jack.

Paul Opitz
Radio Shack Publications

2237. Re: Icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: eeb@access.digex.net
Message-ID: <43ruip$1sq@news4.digex.net>
Source record: 212175

pmy@ix.netcom.com (pmy) wrote:

>I saw an ad in the latest QST for this dream rig. Nobody seems to have
>it in stock yet. Anybody know the street price for this rig? Is it
>100% duty-cycle?

Price is $1299. Not sure about the duty cycle. I saw one last night
and it is AMAZING. I'm going to sell my IC736 and get one of
these little beauties.

Allen

****
ELECTRONIC EQUIPMENT BANK Sales- 800 368 3270
323 Mill St. N.E. Fax- 703 938 6911
Vienna, VA 22180 BBS- 703 938 3781
* Internet: eeb@access.digex.net *
* Compuserve: 73424,1345 *
* Amateur Radio, Shortwave Radio, Scanning Radio, Commercial Radio *
****

2238. Re: Icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: ga19989@inet.d48.lilly.com
Message-ID: <1995Sep21.101747.6275@inet.d48.lilly.com>
Source record: 212176

Supposedly a demo model at local shop here in Indy

Icom folks gave me a 1300 dollar estimate at Dayton..

Not sure of duty cycle

Mel KJ9C

In article <43o7vl$h1s@ixnews2.ix.netcom.com>, pmy@ix.netcom.com (pmy) writes:
> I saw an ad in the latest QST for this dream rig. Nobody seems to have
> it in stock yet. Anybody know the street price for this rig? Is it
> 100% duty-cycle?
>
>

2239. Re: Cleaning of Equipment...Advice please...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DF9Hp5.Izr@iglou.com>
Source record: 212177

Good advice below. The air will help then I use Dow bathroom cleaner with the "foamy bubbles". That stuff realy works great. Be careful spraying it on front panels though. It can be rough on some paint. Use a toothbrush to scrub the parts then rinse with water or just a wet rag until the dirt is gone. I use a fan for a few days to dry it but the heat would be better. I'm sure the xyl wont mind you using her oven if you take her out to dinner.

: Well, if it were mine-- The air pressure at typical gas stations is quite
: high. If you use it, be very careful. If the crud isn't stuck on too
: tight, you might try using a vacuum cleaner, but with the hose connected
: on the air output side. You can do this with a many vacuum cleaners.
: Then, by using the 'wand' attachment, the one that pinches down to a
: small opening, you can get enought pressure to blow off dirt, etc. without
: any damage. If the stuff is stuck too tight to blow off, what I do
: is to wash the equipment. First with 'Formula 409' cleaner and a small
: brush to loosen the really bad spots, then rinsed very well with water,
: allowed to 'drip dry', then I dry it for a day or so in a 50 degree C
: heat box. You must not soak any paper items, such as as dial scale and
: it's not good to direct water at an unsealed power transformer. Of course,
: I have a 'wash booth' and a 'heat box' available at work, so it's easy
: for me to do this. But it does work.

: Good luck, de Mike, K0TER

--
Steve
n4lq@iglou.com

2240. Re: Kenwood TH-79A (Deluxe) vs. Yaesu FT-51R (HP)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: maverick@csulb.edu
Message-ID: <43s6b2$ju1@garuda.csulb.edu>
Source record: 212178

Get the Yaesu for the lighted keypad, if nothing else.

2241. Standard HX320 UHF Handhelds

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: neil@eden.com
Message-ID: <neil-2109951421030001@199.171.21.153>
Source record: 212179

I have about 20 of these handhelds. Standard HX 3200's. I have the 8 gang chargers. They are UHF around 460 Mz. Crystals have been removed by the police dept I bought them from. I have one service manual and the job of placing the crystals looks like a snap. Was looking for $100.00 each and will take an offer.Thanks, Neil

2242. Re: Duplexor tuning?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: fas@exu.ericsson.se
Message-ID: <43sbcn$90f@cnn.exu.ericsson.se>
Source record: 212180

: I like to use the Sig gen spec anyl methode but I use 2 sig gens. I combine the 2 freqs into a hybrid combiner, and look at the 2 signals on a anylizer. I cal (with 1 or .5 db/div) for insertion loss and I can see the effect of my "tweeking"{ on the rejection on the other (10db/div). I have been doing this for years and it is quick (and accurate) to check rejection, I increase the undesired freq by abt 10 or 20 db and turn off the desired and increase sensitivity on anyl. I also ues 3db pads on the 3 terminals of the duplixer and cal out their losses . Have Fun!

_____
Frank Scaraglino scaraglino@egertp.ericsson.se KA2FWC

2243. Best HT for Handicapped Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: o10022@a81.corp.mot.com
Message-ID: <1995Sep21.155246.19042@schbbs.mot.com>
Source record: 212181

A friend (and new amateur) who has no net access, plans to buy a
2m/70cm HT, and seeks commentary and recommendations on the
following:
Icom W31 and Z1A
Yaesu 51R

But there's more relevant information to add, though he would not ...

He has increasing strength and dexterity limitations due to MS, so in
my opinion he should consider also
a) relative ease of operation (placement and size of controls
and buttons, etc.)
b) relative simplicity of operation
c) other manufacturers and models, perhaps

I do not have good knowledge of the specific models he mentioned
(above), nor do I know what models might be better.

Any recommendations you can offer will be appreciated.

73
Tony Kc7HDT

2244. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: mcduffie@unlinfo.unl.edu
Message-ID: <43so8g$qhn@crcnis3.unl.edu>
Source record: 212182

rickc@enet.net (Rick Checketts) writes:

> By the volumn of FS and WTB headers those FYI e-mailers must be busy.
>Sounds like it's time to change the Charter.

I second that motion. I took a look over there on r.r.s. and I have
no interest in reading through all the scanner and cb crap to find ham
gear. This looks like the perfect place to post fs/etc ham gear to
me.

Gary

2245. Re: GE Master II Conversion???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: mri@clark.net
Message-ID: <43ss4a$gtu@clarknet.clark.net>
Source record: 212183

Alan Johnson (kninectf@Walden.MO.NET) wrote:
:

Conversion of what ???

2246. Re: Yaesu SSB filter?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: thubbard@earth.execpc.com
Message-ID: <43satq$sek@earth.alpha.net>
Source record: 212184

I can tell you that IRCI has not and is not shipping filters for months
now due to a problem with agent or manufacturer in japan.

2247. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: n1qqv@aol.com
Message-ID: <43t6mm$nio@newsbf02.news.aol.com>
Source record: 212185

I tried using my 202 for packet and found it marginal. Since others have found it workable, it may be that there is some variation in audio response from unit to unit. On the other hand, I consider the 202 to to be a heck of a lot of radio for the money. Have used one day in and day out for 2 years with no problem other than the battery getting a little loose once in a while. The screws loosen up, and the rails can bend and cause intermittent contact. Don't know of a better combination of price and features.

73, Ken
N1QQV

2248. Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: satamile@nyc.pipeline.com
Message-ID: <43t7ig$lee@pipe4.nyc.pipeline.com>
Source record: 212186

Does anyone have any cheap radio broadcast equipment,say like 5 mile range.
For radio show.

What goes up, might keep going up, or down.

2249. Re: Looking for first handheld, suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <43t8lm$oi7@newsbf02.news.aol.com>
Source record: 212187

In article <43nlh9$31f@chron.chron.com>, Robert McClure
<Robert.McClure@chron.com> writes:

>Subject: Re: Looking for first handheld, suggestions?

This will no doubt start yet another HTX202 debate, but I'll give it a shot anyway. If it were me, today, and I felt the real urge to get a 2M handheld, I think I would opt for the Rat Shack 2M unit when it goes on sale. In spite of it's alleged flaws, lack of bells and whistles, etc... what appeals to me is the fact it CAN'T go out of band. It appeals to me because of where I live and work. It's a real nasty rf environment and there isn't one modern radio I can hook up to my discone (and I have tried 4 to date) that doesn't get blasted with rf, creating all kinds of front end overload resulting in a lot of noise and garbage coming out of the speaker. It seems the HTX202 has some filtering in the front end. Most of the other radios I guess have front ends as wide as the proverbial barn door. The other thing appealing about the rat shack radios is the cost. Seems it can be had for less than $200 when on sale. That's my .000002 cents worth.

Good luck to ya' all.

Pat - KE1C

2250. Re: GE Master II Conversion???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <43t8n7$ojk@newsbf02.news.aol.com>
Source record: 212188

In article <43ss4a$gtu@clarknet.clark.net>, mri@clark.net (MRI) writes:

>Subject: Re: GE Master II Conversion???
>From: mri@clark.net (MRI)
>Date: 21 Sep 1995 23:22:50 GMT
>
>Alan Johnson (kninectf@Walden.MO.NET) wrote:
>:
>
> Conversion of what ???
>
A sows' ear into a silk purse?

2251. Re: Cleaning of Equipment...Advice please...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: U40241@uicvm.uic.edu
Message-ID: <95264.182246U40241@uicvm.uic.edu>
Source record: 212189

Detergent cleaning of equipment does seem to work; I have rejuvenated a key-
board very satifactorily. Drying is essential since even a pager with a 1.5 v
battery dropped in the water (e.g. toilet) if left damp without removing the
battery (including any memory lithiums) can show serious circuit land corrosion
in 24 hours. However, as long as no current paths exist until dry, washing
has worked for me very well on several occasions. If you use a dishwasher, I
have heard that dishwasher detergent has fine grit included as a polisher-- you
would not want this stuff on your variable capacitor bearings or even hiding
in tuning slugs, so perhaps ordinary detergent is advisable. Good Luck. K9ZAT.

2252. Re: 2 meter /w some extras

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: elmartin@jove.acs.unt.edu
Message-ID: <43tdak$82m@hermes.acs.unt.edu>
Source record: 212190

moniter@vixa.voyager.net () wrote:

>--
>I am soon to upgrade my license to Technician No-code so that I can use
>that 2 meter band. I am also a member of the local Civil Air Patrol and
>our Wing (State-wide) Communications Network frequency is just over 2
>meter (148.150) and I was wondering if there were radios available that
>would allow that extra step. If so, how much would one cost.

Most radios sold today are easily modified by soldering a jumper or
removing a certain component in the circuit to extend the transmit
freq for MARS/CAP. The dealers can help you get a simple sheet that
will step you through the process. I have personally modified a Yaesu
FT-530 and a FT-2400, and both were simple and straight forward. Just
ask the dealer, and they will help you. Of course, they usually won't
help you without a copy of your CAP license. But, once they have that,
they'll get you started on the right track.

>I know that there are antennas that will go there and I know where to get
>one. I just need to find the radio.

>Note - I am not looking to buy one now. My new classes will start in
>January and end in June. I might buy a radio after I get my new license.

> Cadet Nathan A. Harmon
> Civil Air Patrol, Monroe Composite Squadron
> moniter@voyager.net > Moniter at Voyager Information Networks
> http://www.voyager.net Telnet: voyager.net

--
Eric L. Martin (KC5ENU)
elmartin@jove.acs.unt.edu

2253. hard case for Yaesu FT-51r

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: scholl@news-server
Message-ID: <43sj75$p2k@uwm.edu>
Source record: 212191

I'm looking for a manufacturer that makes a hard leather case for the
Yaesu FT-51R handheld. Preferably with a swivel belt release.

Yaesu only makes the soft case which is like no protection at all as far
as I'm concerned. I contacted Bee Electronics but they don't have
anything for the 51r and are not aware as to whether any of their existing
cases would work.

If you know of such a substitution that works or know a company that makes
them please contact me at scholl@mpm1.mpm.edu
or you can call me by phone or post the answer here. Thanks!

Rick
--
Richard C. Scholl	Internet: scholl@mpm1.mpm.edu
Electronic Systems Engineer	(414) 278-6161 FAX (414) 278-6100
Milwaukee Public Museum, Inc.	2 meter/440 Ham Radio: N9EJO
800 W. Wells Street	
Milwaukee, WI 53233	My opinions are my own!

2254. Re: Looking for first handheld, suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: smasters@bzy.gmu.edu
Message-ID: <43s705$kt1@portal.gmu.edu>
Source record: 212192
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Scott Lawrence (lawrence@en.com) wrote:
: I just started studing for my tech test. I want to get a dual band
: handheld. Can anyone recommend one. A friend of mine who just got his
: license, bought a Icom IC-T21A. It's incredibily small!!! But its only
: 2 meter.

: So if anyone has any suggestions, please email me..
: lawrence@en.com

: I'm just getting into this hobby, I have a million questions. If anyone
: would be willing to answer a few, I greatly appreciate it!

I would suggest getting an old IC-2AT. They go for around $100 with
all the extras. The radio is damn near indestructible in normal use, and
works well. This gets you operating without being overwhelmed by features
and price. Once you have played with the HT then you'll knwo better what
you want out of a fancier one. For now, you probably won't use but a small
number of the features on a higher priced model.

73,
Shawn
KE4GHS

2255. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: sking1@ix.netcom.com
Message-ID: <43sotu$8hl@ixnews3.ix.netcom.com>
Source record: 212193

jlowman@netcom.com (Jim Lowman) wrote:

>: .. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for."
>
>: Just wanted to clear that up. ;)
>
>I did not question the content of the charter, just suggested that:
>
>1) ...rec.radio.swap may not be the most intuitive name for the newsgroup.
> Lots of users post without reading the charter; some just do not care
> and

This certainly is not the "best of name" for HAM radio. As another poster stated, it would be very foolish to think that any conference with a "radio" in the name would be **only** about HAM radio.

There is a conference called "rec.ham-radio.swap" that I get and there has **never** been one message in it. I have subscribed to this conference for over 2 months now, and nothing is ever in it.

>2) ...that some users, on many newsgroups, take things far too seriously.
> Posting "for sale" ads on this newsgroup is not the end of the world.

Isn't that the truth!

As another poster stated, with the amount of FS/WTB traffic, the so called "charter" should change with he "desires" of the users (as is obvious by the traffic). Of course, that may be too difficult for those in charge of the conference to understand!

2256. Re: * This Group Is Not For Sales or Purch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <43si3v$tj2@news.ccit.arizona.edu>
Source record: 212194

In article <43mdd4$g91@kodak.rdcs.Kodak.COM> mitchell@dtcs70.kodak.com writes:
>
>Ditto. Who is it really hurting anyway if a few missguided soles post here?
^^^^^

Well, if the shoe fits....

Howard Lester KE7QJ

2257. Re: Icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-21 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <43tadh$27u@bighorn.accessnv.com>
Source record: 212195

Allen Hansen, EEB (eeb@access.digex.net) wrote:
: pmy@ix.netcom.com (pmy) wrote:

: >I saw an ad in the latest QST for this dream rig. Nobody seems to have
: >it in stock yet. Anybody know the street price for this rig? Is it
: >100% duty-cycle?

: Price is $1299. Not sure about the duty cycle. I saw one last night
: and it is AMAZING. I'm going to sell my IC736 and get one of
: these little beauties.

: Allen

: **
: *ELECTRONIC EQUIPMENT BANK Sales- 800 368 3270*
: *323 Mill St. N.E. Fax- 703 938 6911*
: *Vienna, VA 22180 BBS- 703 938 3781*
: * Internet: eeb@access.digex.net *
: * Compuserve: 73424,1345 *
: * Amateur Radio, Shortwave Radio, Scanning Radio, Commercial Radio *
: **

Icom has just today (September 21) announced that the FCC has granted
type acceptance for this radio.

Icom projects shipping by the end of this month (September).

Amateur Electronic Supply will be having Icom Days at two of their stores
in this time frame ... at the Ohio store on Saturday, September 30, and
at the Las Vegas store on Saturday, October 7. Icom will do their typical
"dollars off" Icom day coupons at all A.E.S. stores on those two days.

We, the dealers, are looking forward to seeing those radios .... Icom had
a get-together with all A.E.S. managers at Icom Headquarters in Bellevue
about six weeks ago, where we all had a chance to get some hands-on
experience with both the IC-706 and the IC-775DSP ... and we can report
that these are both f-i-n-e radios!

Hope to hear from you soon!

73,

"Squeak" Porray, AD7K
Manager AES/Las Vegas

2258. ElectroMagnetic Weapoms

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: SpyKing <73453.1714@CompuServe.COM>
Message-ID: <43v681$87d$2@mhafm.production.compuserve.com>
Source record: 212102
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

Looking for any and all information on electromagnetic pulse
bombs and HERF (High Energy Radiated Frequency) Guns

2259. Re: ElectroMagnetic Weapoms

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep22.234423.27359@ke4zv.atl.ga.us>
Source record: 212103
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

In article <43v681$87d$2@mhafm.production.compuserve.com> SpyKing
<73453.1714@CompuServe.COM> writes:
>Looking for any and all information on electromagnetic pulse
>bombs and HERF (High Energy Radiated Frequency) Guns

Well you take a Kenwood (any Kenwood) and wrap it in C4. Now
while transmitting a long dah, detonate the C4. It may not
generate much of an EMP, but at least it'll rid the world of
another Kenwood. :-)

Seriously, you're asking in the wrong groups. Try Sci.military.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2260. Re: ElectroMagnetic Weapoms

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Mark Gingrich <grinch@rahul.net>
Message-ID: <43vhkh$2r8@bug.rahul.net>
Source record: 212104
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

After receiving his free CompuServe try-out disk, SpyKing wrote:

> Looking for any and all information on electromagnetic pulse
> bombs and HERF (High Energy Radiated Frequency) Guns

It all sounds a bit too high-tech for you, Mr. Unabomber...
[Mr. Sulu, set phasers to "emasculate."]

--
~~~~~~
Mark Gingrich grinch@rahul.net San Leandro, California
~~~~~~

2261. Re: Yeasu FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Glen Roberts <groberts@ccac.edu>
Message-ID: <43ut9q$o1r@borg.ccac.edu>
Source record: 212105
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Scott Lawrence <lawrence@en.com> wrote:
>
> I'm looking to possibly buy this radio (FT51R) If anybody owns one, I
> would appreciate any comments. The price at AES (store front) is about
> $460. Has anyone seen a better price?
>
> Thanks
>

I bought mine from Oklahoma Radio... Right before the Fed. building got hit. They're still in business and gave me a very good price. That was 9 months ago and things change. Great rig!
You will find it may very well be your last HT! Get the larger battery and the mic with it.
Glen - ke7fd
ke7fd@ccac.edu

2262. Land Mobile Radio FAQ needs your input!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: randolph@est.enet.dec.com
Message-ID: <43ujg9$ej0@mrnews.mro.dec.com>
Source record: 212106
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

[This post lists all the information I'm looking for. You'll only have to look at this once in a while from now until the FAQ is ready - N1OOQ]

The Land Mobile Radio FAQ is now under way... I need your support!

What is it?

A listing of those surplus police and taxicab radios from the various manufacturers, how to identify them, what band they're on, how easy it is to tweak them into the ham bands, average price used, etc., all in one file for your flea market shopping convenience!

What it's not is a mod manual. You won't find out HOW to do the mods in the FAQ. That's up to you. You will find out where to get the manufacturer's manuals, most of which have detailed tuning procedures. Some of the radios can only be programmed by the manufacturer, and/or by using the manufacturer's proprietary software. Such details will be in the FAQ.

I'd like to include any and all mobile or handheld radios aimed at the commercial or public service market. Many of these out-perform the imported synthesized units by a long shot, are cheaper, and make great ham rigs! Let's put these great radios back to work and on the air!

I NEED YOUR INPUT TO MAKE THIS A REALITY!

You don't need to mail me manuals or anything like that, unless you WANT to. All I ask is a few bits of data for any of these radios you or your friends may have worked on in the past. If you've put one on the air, you've had to answer these questions, so fill 'em out and send 'em in!

Model? Manufacturer, model name (like Mastr II, Syntor, Delta, etc.), model number

Band? These radios are usually made for use in a specific band of frequencies, like 30-50 MHz, 150-170 MHz, 450-470 MHz, etc.

Freq control? Crystal, synthesized/ROM programmed, synthesized/microprocessor programmed

Average price? What did you pay? What prices did you see when shopping? New or used?

Manual price? How much did the manual cost?

Mod difficulty? How hard was it to get it tuned to ham band? Easy: re-crystal, tweak a few tuning screws

Difficult: program a new ROM, swap a few parts
Extremely difficult: Major modification and re-design
of some circuits, you must pay
authorized technician to use
manufacturer's software

How to indentify? What details do you need to know to tell these radios
apart? Does the serial number tell you anything? Does
the Model number? Are there physical differences?
This is the stuff you need to know when sorting
through the radios at the flea markets. This
information is usually in the manufacturer's manuals
in great detail.

I will re-post this notice about every couple of weeks for a while, until the
FAQ is somewhat filled out.

My net address is: randolph@est.enet.dec.com
All information, network pointers, periodical references, anything, is
appreciated, and thanks in advance!

-Tom R. N1OOQ randolph@est.enet.dec.com

2263. Re: Icom 2410 CrossBand Repeat?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <43tcst$rk2@news.halcyon.com>
Source record: 212107

Yes the IC-2410 will do cross band repeat. Set up the desired frequencies. Press both the Band and Set buttons untill the memory channels change to a flashing " L " . To revert back to normal mode, just press the SET until the " L " changes back to a normal memory channel number. if you E-Mail Icom America a request for thsi in writing, along with either a fax or mailing address i will bet you will receive it. There are some remote commands to do this from a handheld if you have the UT-55 installed. ICOM America's E-Mail address is 75540.525@compuserve.com

Best Regards,

Gary

2264. Wanted : Mullard CRT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Pat Carpenter <carpentp@internet-pilot.uk-po.com>
Message-ID: <43tujt$jbf@igateway.uk-po.com>
Source record: 212108

Wanted a Mullard CRT #DH7-11 3" inch flat faced 14 pin.

If you can help please email me at carpentp@internet-pilot.uk-po.com

2265. MFJ-422C software bug?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: jamest@netcom.com
Message-ID: <jamestDFBK9r.6L7@netcom.com>
Source record: 212109

I bought an MFJ 422C keyer last weekend, but am thinking of returning it. It seems that it will occasionally throw in a dash thats about 150% longer than the rest. It kind of screws up my sending rythmn. Has anyone else seen this? The manual show that it has an 80C52 in it so it appears that this must be a software bug. Additionally, the sidetown wanders up and down while keying. Again kind of annoying.

My brother has an older model of this keyer and he thought his has a Curtis chip inside. He's pretty happy with his. Mine however, is quite a disappointment :(

Oh, well maybe I best return it and get something else.

Does anyone have a recommendation for a keyer and paddle?

TIA

L8R,

James
KB6NYG
--
jamest@netcom.com

2266. HELP - What to look for in buying a linear amplifier?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: peterjs@aol.com
Message-ID: <43udqi$3o8@newsbf02.news.aol.com>
Source record: 212110

I'm in the market to buy my first linear amplifier (80m-10m) and would be interested in any feedback that folks could give me about what particular features to look for in a linear amplifier. There seems to be a wide range of units available in different prices but I would be happy with a manually tuneable one that will suffice for 1 to 2 hours/day usage on CW and SSB. Also, if I end up buying a used amp, are there any particular gotcha's to watch out for in evaluating the fitness of a used amp? Finally, are there any particular makes/models that folks would recommend/avoid in the under $1,500 new or used category?

BTW, I get that the ETO Alpha class amp's get a lot of good press (look at any CQ mag cover with a person's shack on it and an Alpha is often shown!) but why are they viewed as good (but too expensive for me!) amp's at their pretty high price level?

Peter, KE6VMJ

2267. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <43uhj0$3lf@admin5.hsc.uth.tmc.edu>
Source record: 212111

In article <43so8g$qhn@crcnis3.unl.edu>,
Gary McDuffie Sr <mcduffie@unlinfo.unl.edu> wrote:
>I second that motion. I took a look over there on r.r.s. and I have
>no interest in reading through all the scanner and cb crap to find ham
>gear. This looks like the perfect place to post fs/etc ham gear to
>me.

Do you demand that all cb/scanner stuff not show up at your local swapfest,
too?

The idea is that rec.radio.swap is the online swapfest. Just as you can find
lots of different types of electronics at a swapfest, so can you in
rec.radio.swap. If you don't want what a particular seller has on his table
(in his post), then walk past it.

This group was cast as having no forsale posts for a reason: because that
allows sites that prohibit their use for personal monetary gain (and yes,
there are some, primarily in the government) to carry this group and not
carry r.r.s, and thus keep themselves out of trouble. If you insist on
posting for sale messages to this group, those sites will drop it. You may
not like that state of affairs, but it's reality.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Keister! I've learned a new word!" -- Wakko Warner
"And thanks to you, so has half of America." -- Yakko Warner

2268. Re: hard case for Yaesu FT-51r

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: ddillon@csulb.edu
Message-ID: <43uk3j$pp3@garuda.csulb.edu>
Source record: 212112

Rick Scholl (scholl@news-server) wrote:
: I'm looking for a manufacturer that makes a hard leather case for the
: Yaesu FT-51R handheld. Preferably with a swivel belt release.

: Yaesu only makes the soft case which is like no protection at all as far
: as I'm concerned. I contacted Bee Electronics but they don't have
: anything for the 51r and are not aware as to whether any of their existing
: cases would work.
That ft51 r soft case is stinking dificult to get on and off because the
plastic sticks to the display. It is a pain in the neck someitmes
dd

Finger or e-mail for PGPv2.6 key. |Packet:kd6fpx@k6ve.#soca.ca.usa.noam
Internet:ddillon@engr.csulb.edu | PGPprint= 02 A6 07 34 22 80 53 09
WWIVnet:#612 @ 1187 | 8C 1E 5E 15 1A B4 43 1F
-Insure electronic privacy...Use PGP. PGPmail welcome here. 73 de Dan-

2269. kenwood tm 742 external signal meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: ddillon@csulb.edu
Message-ID: <43ukau$pp3@garuda.csulb.edu>
Source record: 212113

I am looking for anyone who can share their experiences with tapping the AGC or the signal stength circuits in the radio. My goal is to finish construction on external signal strength meters to facilitate transmitter hunting.

I tore open the rig and looked in there, poked around, made a few measurements, and looked at the schematics, and decided to give up on the project. Well, it is now a few months later and I really want to use the rig for transmitter hunting. There must be a t-hunter out there somewhere who can share their suggestions.

73 de kd6fpx dan

--

_____
Finger or e-mail for PGPv2.6 key. |Packet:kd6fpx@k6ve.#soca.ca.usa.noam
Internet:ddillon@engr.csulb.edu | PGPprint= 02 A6 07 34 22 80 53 09
WWIVnet:#612 @ 1187 | 8C 1E 5E 15 1A B4 43 1F
-Insure electronic privacy...Use PGP. PGPmail welcome here. 73 de Dan-

2270. Re: Cleaning of Equipment...Advice please...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DFBDoK.MCv@iglou.com>
Source record: 212114

What about that extreemely hot water? Looks like that would damage
plastic dials, eat the grease right out of your dirve mechanisms, get
water in your s-meter, etc etc.
--
Steve
n4lq@iglou.com

2271. Re: CAD tools and distribution was(Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Jay Wicklund <jwicklun@mail.halcyon.com>
Message-ID: <NEWTNews.811785570.21272.jwicklun@mycroftxxx.halcyon.com>
Source record: 212115
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

In article <1995Sep22.034252.22503@ke4zv.atl.ga.us>,
<gary@ke4zv.atl.ga.us> writes:
> I'd like to see us standardize on a schematic distribution
> format, a netlist format, and a mechanical drawing format.
> Then form a rec.radio.amateur.CAD group where we could
> post such things, as well as Radio Designer and Spice
> files, Mathcad worksheets, etc. Since many of the CAD tools
> can handle several formats, and there are utilities to convert
> others, perhaps we should start with a survey of what tools
> the majority of us interested in this have in common and see
> if there are common formats we all share. I'll kick it off.
>
snip....snip
Good idea Gary, but I suspect that we'll run into a pretty wide
variety of tools that interface poorly, if at all. But for my part:

Mechanical CAD
TurboCAD - by IMSI
Generic CAD - not currently using

Schematic Capture
PCAD

PCB Layout & Routing
PCAD

Circuit Simulation
Intusoft Spice

Math tools
Mathcad - but not very experience with it

Logic development tools
CUPL - normal PALs
MAX+PLUS - Altera logic

73 de KI7RH (Jay)

2272. Re: Yaesu FT 51R -Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Glen Roberts <groberts@ccac.edu>
Message-ID: <43uqab$o1r@borg.ccac.edu>
Source record: 212116

Scott Lawrence <lawrence@en.com> wrote:
>
> slowalkjr@aol.com (SlowalkJR) wrote:
> >I just purchased my first HT. I'm looking for information reguarding
> >modifying the Yaesu FT51R to expand it's TX range. Thanks. Please send
> >replys to SlowalkJR.
> >James, KF4AQO
>
> I'm looking to possibly buy and FT51R. How do you like it? Any comments?
> If anyone has mod info, Id appreciate it if you could foward it to me.
>
> I'm taking my Tech test this weekend..
>
> Thanks
>

I've had my 51RH for sevral months now and am
quite pleased with it. I still have my old Icom 2AT
which is dedicated to packet but the 51R goes everywhere
with me. I agree with the other chap who spoke favorably
about his. It has so many features however that you
would be best off to get used to it and set the functions
up before you try to operate it and a car at the same
time. We used to be able to count the thumb-wheels on the
older HTs but these new ones require the user to read the
display. HArd to do that and drive. Other than that,
it is a very fine rig.
-Glen ke7fd
groberts@ccac.edu

2273. Re: Ham-Equip Digest V95 #452

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: lthfbjk@northstar.k12.ak.US
Message-ID: <v02110102ac831d397465@[198.104.173.31]>
Source record: 212117

>From: buddy10@AOL.COM (BUDDY10)
>Subject: 2 m ht help please
>
>What kind of line of sight range COULD you expect ? Also, at full power
>how far away could you expect to RELIABLY hit a repeater in an urban
>environment ?
>
>Thanks ,
>
>Scott Powell
>KD6GPV
>General since 1995 !
>
>P.S. I was going to get one of these for my wife.

I am sure you realize that there will be great variations in distance due to interference and terrain. I don't live in a real urban environment (to say the least) but I can tell you that from my cabin South of Mt. McKinley I can hit the Anchorage repeater which is at least 70 miles away using my Kenwood HT and a 1/4 wave ground plane mounted on my roof. In town, (Fairbanks) with a rubber ducky I can sometimes only get a mile or two, so it depends greatly on the antenna and terrain.

2274. Re: New licensee seeks info for his first HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: eus.eusmge@memo.ericsson.se
Message-ID: <43usvn$p2e@cnn.exu.ericsson.se>
Source record: 212118

vijays@Eng.Sun.COM (Vijay Sarathy) wrote:

>Hi,
> Would someone be kind enough to point me to a FAQ or some other document that
>talks about various HTs and their relative merits and demerits? I am trying to
>figure out what features I should look for in my first HT. Any help would be
>much appreciated. Thanks.

Hi Vijay,
Lots of folks can/will give you LOTS of opinions about what is best
and what features are important. For a REAL basic rundown of
cost/features check out Ham Radio Outlet's home page. It's new and
has LOTS of cool info neatly presented along with links to various
manufacturer's home pages. They are at: http://www.hamradio.com/

Good luck, and be sure to check out rec.radio.swap for a constant
barage of bargains... well sometimes. ;-) Mike KD6PKJ

2275. Re: Kenwood TH-79A (Deluxe) vs. Yaesu FT-51R (HP)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Glen Roberts <groberts@ccac.edu>
Message-ID: <43urv0$o1r@borg.ccac.edu>
Source record: 212119

dabaz@aol.com (Da Baz) wrote:
>
> Dear fellow Hams,
>
> I am considering buying a dual-band HT and I have narrowed my choices
> down to the Kenwood TH-79A (Deluxe) and the Yaesu FT-51R (HP, 5 watt
> version). I would appreciate anything you have to say about these two
> radios that might aid me in my decison. Thanks for your time.
>
> Sincerely,
> Basil "Baz" Gravanis, w/ WA2EIU

Before I responded to your inquiry I took the time to read the other replies to see if there might be anything new I could offer. But based on what they said, they just about covered it. I like my 51RH and since I am always forgetting to charge my batteries, the 51 pretty much minds the store both on power out conservation and the voltage monitor. Nobody mentioned the spectrum analyzer... Just be sure to not get distracted by the unit when driving down the road. It's easy to do, just set it before you start the engine! Have Fun! You might want to get the display mic for it as well. Oh, one more thing. Stay away from modifying the thing. We all want to talk to each other, not some federal judge!
73's
Glen Roberts ke7fd
ke7fd@ccac.edu

2276. Re: Which one should I get - TH-79a or FT51r or Ic-Z1A ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Glen Roberts <groberts@ccac.edu>
Message-ID: <43usum$o1r@borg.ccac.edu>
Source record: 212120

jgardner@netcom.com (Jerry Gardner) wrote:
>
> BUDDY10 (buddy10@aol.com) wrote:
> : Which of these units should I get ? They are all about the same price.
> : They all have more features than you could shake a stick at. I am STUMPED
> : ! I will be using it in an urban environment(Los Angeles) so Intermod
> : could be a problem. Any help would be most appreciated !
>
>
> If you want to listen to cops and taxis, buy a scanner.
>
> If you want to play video games, buy a Nintendo Gameboy.
>
> If you want a radio, buy Motorola.
>
> --
> Jerry Gardner | Maintainer of the Large Format Digest
> jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

Yes and get someone to modify it for you too. Jerry, I'm sure you wanted some useful information
when you asked about the radios. I haven't used the Icom rig mentioned. I do have the 51RH and
really like it. It has all the features I could need or use for quite some time. I don't plan
on having to buy another radio for a long time. Some hams like to tinker more than operate on
the air, others not. The Yeasu 51R is an operators radio. It works. It works real well.

Glen Roberts - ke7fd
ke7fd@ccac.edu

2277. Re: Alinco Service Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Thomas Martin <tmartin@teclink.net>
Message-ID: <43uvp6$a4l@felix.TECLink.net>
Source record: 212121

I just got my DR600 back from them today. I sent it in on Monday and got it back on Friday. Not too bad. The problem was fixed. I believe the 600 has a software bug in it and they replaced the microprocessor.

This is my 2nd time to send it in for repair. (different problems). They have treated me fine and got my rig out very quickly. I spoke to Taka on the phone and he is the one that told me to send it in.

I havent been very satisfied with the quality of the rig but the service has been pretty darn good in my opinion.

There must be a problem somewhere in manufacturing though. I got one DR600 and it went out the first week. The store replaced it and it burnt up the first month. I got it repaired and had to send it back a second time 2 months later. In less than 4 months I have had 2 radios and 2 trips to service.

(Hummmmm.... It doesn't figure)

Have a good one and good luck.

Thomas Martin N5ZNO
tmartin@teclink.net

2278. Re: Yaesu FT-530 NICAD battery pack...HOW TO OPEN?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Thomas Martin <tmartin@teclink.net>
Message-ID: <43uvvd$a4l@felix.TECLink.net>
Source record: 212122

I bought some third party FNB-25 batteries from W+W and had to grind the top of them with my dremel tool to make them fit on the radio. It still doesn't look very good because of the gaps between the battery and the bottom of the HT. It makes good contact though.

The Periphex battery cases I have bought in the past seem to be a more accurate replacement than the W+W ones.

Thomas Martin N5ZNO
tmartin@teclink.net

2279. MFJ Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Thomas Martin <tmartin@teclink.net>
Message-ID: <43v081$a4l@felix.TECLink.net>
Source record: 212123

Anyone ever used that MFJ packet transciever. The crystal controlled radio.

I have been considering purchasing one and was wondering how well they were built and if they were worth it. I can't really afford to spend another 300 to 500 bucks for another rig right now. Just bought a whole new setup. I want to get back on packet though. I realize that it is only 5 watts but I think I can hit the local DIGI and a few BBS's with that with no problem.

Thanks in advance.

Thomas Martin N5ZNO
tmartin@teclink.net

2280. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: bblohm@boi.hp.com
Message-ID: <DFBowI.FB0@boi.hp.com>
Source record: 212124

Mark Johnson (mjjohn5@lookout.mtt.it.uswc.uswest.com) wrote:
: In article <43mqg5$rkh@over.mhv.net> Thomas.Randall@bbs.mhv.net writes:
: >
: >: Drew: The HTX-202 is ok for normal voice communications, BUT IF you
: >: have any asperations of running packet with it - FORGET IT! It's JUNK.
: >: Congrats on the new ticket!

: Ditto. I use mine for packet at times at home and at times for portable
: packet. No problems with it at all. John, what kind of problems do you
: have with it on packet?

I also use mine for packet on and off and have no more trouble with it than
I do with my Yaesu FT-2500M. Same antenna, same cables, same KPC-3 or
Baycomm, same PC, same performance either way. I'd also like to know what
problems John has.

73 de Bill, KC7JSD

2281. Re: Need C-cell NiCads

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Marty Jones <mjones@mw9>
Message-ID: <43v1cv$eu6@mksrv1.dseg.ti.com>
Source record: 212125

Call Tanner Electronics in Dallas. 214-8702. Tell Jim Tanner I sent you (he's a poolshooter too).

Marty Jones

mjones@ms3.dseg.ti.com

2282. Re: Duplexor tuning?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: no6b@no6b.jpl.nasa.gov
Message-ID: <43vafg$1de@elroy.jpl.nasa.gov>
Source record: 212126

In <1995Sep19.235405.48963@cobra.uni.edu>, conklinrf@cobra.uni.edu writes:
>In article <43mnjr$8o7@wa4mei.radio.org>, "Alan K. Adamson" <ne1h> writes:
>>
>> It seems there are two schools of thought on the topic. One says always do it
>> with a spectrun/tracking analyzer/tracking generator, the other says use a watt
>> meter and signal source at the installation source and tune for max power on
>> pass and min signal on notch.
>
>That must be the 'plexer I bought last summer- really melted the hell out of
>the teflon insulator! This is probably why there is a sticker on most cans
>saying !!WARNING!! do not tune with "REAL" power.
>

A better reason not to tune with power: arcing of the finger stock where the inner & outer plunger which make up the main tuning element are electrically connected. You'll know if you've fried the fingers when you see the resonator start to act intermittent & lossy.

I still tune with power, but I NEVER MOVE the tuning element under power. I transmit for a very brief period, then stop transmitting, adjust, transmit, etc. More time consuming but it will save your pass cans.

Bob

2283. Re: MFJ Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: mikemiller@dsm1.dsmnet.com
Message-ID: <43ve5p$igu@dsm6.dsmnet.com>
Source record: 212127

In article <43v081$a4l@felix.TECLink.net>, Thomas Martin <tmartin@teclink.net> writes:
>Anyone ever used that MFJ packet transciever. The crystal
>controlled radio.
>
>I have been considering purchasing one and was wondering how
>well they were built and if they were worth it. I can't really
>afford to spend another 300 to 500 bucks for another rig right
>now. Just bought a whole new setup. I want to get back on
>packet though. I realize that it is only 5 watts but I think I
>can hit the local DIGI and a few BBS's with that with no
>problem.
>
>Thanks in advance.
>
>Thomas Martin N5ZNO
>tmartin@teclink.net
>
>
I just got one a week ago at Peoria hamfest and it does work (brief use
on 145.01 which unfortunately is a forwarding freq here in Des Moines.
MFJ apparently has arrangements with a couple of crystal companies, JAN &
International) so I'll be re-crystalling for other freqs. I haven't
opened it up yet, so I don't know the construction quality. The
instruction book seems complete (sans schematic), and the radio is switchable
between 1200 & 9600 (phase mod on 1200 and fm (fsk) on 9600). MFJ includes
suggestion for alignment procs and deviation control. I bought a
5-pin/5-pin DIN cable at Radio Shack to connect to a MFJ1274.

At the hamfest, the rig set me back $105.00. Keep in mind that there is no
conventional audio circuit in the radio - ie, no speaker/microphone
connections at all.
I believe it will suit my purpose well. I plan on trying it with TCP/IP as
soon as I get new crystals.

Mike Miller N0JAS Des Moines, IA
mikemiller@dsmnet.com

2284. Re: New Yaseu HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDFBw7K.Cp4@netcom.com>
Source record: 212128

Kirk James Smith (kjsmith@violin.aix.calpoly.edu) wrote:
: Does anyone have any info on the new Yaseu single-band "mil spec" (for
: target practice?) HTs that I see on the back page of October QST? They
: look interesting.

I've had a chance to try this new HT (FT-10) at HRO. It is much fatter
than it looks in the QST ad. The battery pack attaches to the back of
the rig and theis makes the whole thing about 2 inches thick. It's about
the same size as an FT-11, only fatter.

The build quality seems better than the average ham HT, but not as
good as a Motorola commercial HT. The PTT switch, in particular, seemed
like it would wear quickly. Audio quality wasn't bad, but it wasn't
as good as my Motorola HT1000.

The rotary knob on top of the rig is used to control most of the settings.
It both turns and acts like a push-button. In operation, it didn't seem
too intuitive--I'd definitely carry the instruction book with me at all
times!

The rig doesn't use a BNC antenna connector. It uses a screw-in connector
that I've never seen before--like the screw-in connectors on Motorola
HT's, only the opposite gender.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

2285. Re: Kenwood TH-79A (Deluxe) vs. Yaesu FT-51R (HP)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDFBwGp.D39@netcom.com>
Source record: 212129

Craig Bosworth (craigb@sdd.hp.com) wrote:

: the PC is a killer feature that *all* HTs will have to add in order to
: be competitive.

Too bad having a solid, bullet-proof receiver isn't one of those killer features *all* HTs have to have in order to be competitive.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

2286. Re: CAD tools and distribution was(Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: rburgan@detroit.freenet.org
Message-ID: <43ufae$5ks@detroit.freenet.org>
Source record: 212130

```
Schematic / PCB / simul:
MicroCad
--
```

2287. Re: CAD tools and distribution was(Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: dkelly@iquest.com
Message-ID: <dkelly-2209952045450001@dkelly.iquest.com>
Source record: 212131
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <1995Sep22.034252.22503@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
(Gary Coffman) wrote:
[shortened]
> I'd like to see us standardize on a schematic distribution
> format, a netlist format, and a mechanical drawing format.
> Then form a rec.radio.amateur.CAD group where we could
> post such things, as well as Radio Designer and Spice
> files, Mathcad worksheets, etc. Since many of the CAD tools
> can handle several formats, and there are utilities to convert
> others, perhaps we should start with a survey of what tools
> the majority of us interested in this have in common and see
> if there are common formats we all share. I'll kick it off.
>
> Mechanical:
> 1) Autocad
> 2) Generic CADD
> 3) CD-CAD
>
> Schematic Capture:
> 1) Orcad
> 2) Supercad
> 3) MicroSim Schematic Editor
>
> PC layout:
> 1) PCBoards
>
> Routers:
> 1) PCRoute
>
> Circuit Simulators:
> 1) ARRL Radio Designer
> 2) PSpice
>
> Paint programs and image viewers:
> 1) MS Paintbrush
> 2) Visual Image
>
> Math tools:
> 1) Mathcad
>
>
> That should do for a start. I'll try to keep a running tabulation
> on followups and see what we have available to us.

Gee. With the possible exception of Generic CADD none of these are Macintosh compatible. I vote for a narrower scope of "standard", simple Postscript. A Postscript printer is much less expensive than Autocad (assuming you actually pay for Autocad) and any kind of "standardization" of file formats dictates need for each and every one of the programs.

Or maybe the standard should be based on free tools and operating systems such as Linux and/or FreeBSD? What? Not enough tools there? Then making those tools would be the first step.

While many software packages claim to support other's formats I have never seen perfect support for any but pure text and often even that is problematic (does "pure text" use <CR><LF>, <LF>, or <CR> to terminate lines?) End of line problems are pretty easy to solve. Gary discounts Ghostscript as he has not been satisfied with its results translating Postscript. Can we expect DXF translaters to do any better?

Postscript is not perfectly portable between printers but Adobe has done a great job making sure genuine Postscript printers are very compatible.

For netlists any ASCII format is fine. If I like what I see in a Postscript schematic I can find a way to translate an ASCII netlist into a form suitable for my PCB tools. Any respectable print shop could print PCB artwork on film from Postscript. Often I've found this less expensive than Gerber at the same shop possibly because there is no manual entry of aperatures. As long as they don't use a Linotype 100 its just dandy.
--
David Kelly N4HHE, n4hhe@amsat.org, dkelly@iquest.com
==========
The human mind ordinarily operates at only ten percent of its capacity -- the rest is overhead for the operating system.

2288. Re: Icom 2410 CrossBand Repeat?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: rjg@intac.com
Message-ID: <43unvq$1aq@uucp.intac.com>
Source record: 212132

In article <43tcst$rk2@news.halcyon.com>, "Gary P. Fiber" <gfiber@halcyon.com> says:
>
>Yes the IC-2410 will do cross band repeat. Set up the desired frequencies.
>Press both the Band and Set buttons untill the memory channels change to a
>flashing " L " . To revert back to normal mode, just press the SET until
>the " L " changes back to a normal memory channel number. if you E-Mail
>Icom America a request for thsi in writing, along with either a fax or
>mailing address i will bet you will receive it. There are some remote
>commands to do this from a handheld if you have the UT-55 installed.
>ICOM America's E-Mail address is 75540.525@compuserve.com
>
>Best Regards,
>
>Gary
>
Hi Gary
Thanks for the info!!!!
I just tried the crossband repeat function and it works!!
I also copied the address you left for Icom.
Thanks Again,Rich.

2289. ts-520 low plate current above 7 Mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: tomas@ra.cgd.ucar.edu
Message-ID: <43unjv$com@ncar.ucar.edu>
Source record: 212133

I "inheritted" a ts-520s. I've noticed that it draws less plate current on 20, 15 and 10 meters than the manual specfies it should: about 160 ma to 120 ma instead of the specified 200 ma. It draws less as the freqencey gets higher.

I think that all tubes are original equipment making them about 17 years old. This makes me suspect that they should be replaced. However, the finals and driver do not seem to show excessively broad tuning (the manual states that this is a symptom of bad finals or driver tube(s)).

Does anyone have any experiences related to this problem they care to share?

bob

2290. Re: Kenwood uses false advertising?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: Timothy Mark Glaser <tmg0001@jove.acs.unt.edu>
Message-ID: <Pine.SOL.3.91.950922233108.7197B-100000@jove.acs.unt.edu>
Source record: 212134

On 2 Sep 1995, jdb wrote:

> In <41v7qjbvm1@mhafm.production.compuserve.com> Lord GAD
> <73110.250@CompuServe.COM> writes:
> >
> >
> >>>These is no law that requires you to hold an Amateur license for
> >>> purchasing an Amateur radio transceiver.
> >
> >AHA! I think there should be. If you must be lisensed to xmit, why
> >not be lisensed to buy? I realize that my own situation would
> >change as my fiance bought me my first rig, but hey, compromise is
> >key.

In my city, we have a fun time doing such activities such as transmitter hunting. Some of us have gotten very good at it. Why let the government have another sliceof regulation. We have found and turned in a fair amount of illegal transmitters and will continue to do so. I dont see a point in getting the government involved any further..
Tim...

2291. anybody have an FT-10R yet?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <440351$arn@xmission.xmission.com>
Source record: 212135

Just heard about it. I heard that it's a new 2-meter handheld,
- smaller than the FT-11R,
- particularly good audio from small speaker (unlike 11R),
- comes with 2 different keyboards to choose from,
- has a digital recording system,
- is rugged, and is milspec rated.

I wonder if the short digital recording can be played back while
transmitting (e.g. for identification use).

And, I have not heard how much it costs. Anyone have one?

2292. Re: Icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <4405vb$bed@bighorn.accessnv.com>
Source record: 212136

[No readable article body recovered]

2293. Re: Need Kenwood 7400A Serv. Manual,help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <4406eg$bk4@bighorn.accessnv.com>
Source record: 212137

Steve Pazar (pazar@sr.hp.com) wrote:

: Hi Gang,
: I foolishly purchased a non-working TR-7400A two
: meter rig last weekend. I repaired the major problem
: (shorted 5 volt supply), but the receiver sensitivity
: is too low (about 20 uV). I have verified that the
: receivers front end amp, and helical resonator file
: ter is OK, so now I'm looking at the first mixer and
: first LO power. Anyone have any idea what power
: (or voltage) I should see out of the synthesizer?
: Yes, I do have the proper equipment to measure it,
: I just don't know what level to expect. Has anyone
: out there seen this problem (low sensitivity), and
: solved it? I'd sure like to hear from you!!!

: I'm also working at a disadvantage because I do
: not have the service manual, and the schematic
: included with the owners manual does not include the
: synthesizer. Anyone willing to blast a copy of theirs?
: As usual, I'll be happy to pay copying ans shipping
: costs.

: Thanks!

: **
: * STEVE PAZAR DoD #702 Kawasaki KZ440A
: * E-mail: pazar@sr.hp.com
: * Ether: WA4DUT/6
: * Stupid is forever, ignorance can be fixed...
: **

Have you checked to see if the Kenwood Service Manual for that radio is
available yet? The West Coast distributor for Kenwood parts is
Pacific Coast Parts
800 262 1312.

Good luck!

-- "Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

2294. Mods or Schematics for Icom IC-2340H?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: steve@info.pgh.pa.us
Message-ID: <steve-2209951311300001@ppp25.pgh.net>
Source record: 212138

Fellow Hams,

Does anyone know of any mods for the Icom 2340H? I just purchased one and I'm curious as to what else might be available in this wonderful little box.

I'm also curious as to the availability of schematics for the UT-89 tone squelch unit, the UT-55 DTMF decode unit, and the radio itself. If anyone has any ideas as to possible sources, I'd love to hear them.

Steve
N3OIE
steve@fuzbat.pgh.pa.us

2295. Re: ICOM 735 on 160?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <43t41g$r9v@bighorn.accessnv.com>
Source record: 212139

Don,
The ICOM IC-735 is one of the finer/reliable radios ever made. The filters are a little bit broad but, the receiver clarity and dynamic range will make up for that. The transmitter is also very reliable and stable. However, because it was designed as a mobile it lacks a RF speech processor which might be more desirable on 160. All in All you can not go wrong....

Bob KG7D

2296. Azden

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: dave.dennett@grapevine.lrk.ar.us
Message-ID: <8B1954F.02C300085F.uuout@grapevine.lrk.ar.us>
Source record: 212140

Anyone have the address or phone number to call for repair service on an old Azden PCS2000 2M rig?

2297. Re: RS HTX-202 Warning!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: bsmith@msn.com
Message-ID: <43svob$a2l@news.internetmci.com>
Source record: 212196

>>>And, finally - never use absolutes.

Ha Ha Ha!
--
Bob Smith, Atlanta, GA
n3ftu@amsat.org
TAPR 5412 ARRL

2298. Re: Mods for Alinco DR-112

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: mkelly@brisbane.DIALix.oz.au
Message-ID: <43t4jgfcm1@brisbane.DIALix.oz.au>
Source record: 212197

woodring@inlink.com (woodring) writes:

>In article <42nd2h$s70@gaia.ns.utk.edu>, rwerner@usit.net says:
>>
>>I was wondering if any mods are available for this rig. I realize this is an
>>older rig, however, I just purchased it and would like an answer.
>>Thanks for helping.
>>Bob Werner KC4URW
>>rwerner@usit.net
>>rwerner@utk.edu
>>Amateur: KC4URW@N4QEA.#METN.TN.USA.NA
>>
>cut the wire hanging out of the control panel and then reset radio per manual.
>unit will xmit where it receives. no 800 mhz coverage with the 112
>73 jim

I posted a finding about the DR112 the other day. I had the front
off to fix one of the press buttons and in checking the others I failed
to notice an extra 'reset' button next the mic plug. The readout
flashed EVEN THO THE POWER WAS OFF. On power up the VFO was now in
the 220-224 range. No use to me - we don't have that band.

I don't know if it transmitted, even. I just pressed the reset with
the power on and had 2m back. Then I had to reset all the paramaters
I was used to. I notice it scans better, for some curious reason.

I have never seen this mod described elsewhere. eg on oak.oakland.edu
in the /pub3/hamradio/mods/alinco directory if you can ftp.

Cheers.
Murray Kelly. vk4aok

2299. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep22.023407.22021@ke4zv.atl.ga.us>
Source record: 212198

In article <DF4JJC.6q4@online.tmx.com.au> jedc@midcoast.com.au (Arthur Clampitt) writes:
>Question.
> If the group is for discussion only , why the hell is it not named
>"rec.radio.amateur.equipment.discussion" ??

All the rec.radio.amateur.* groups are for discussion ONLY. None are for buying and selling. It's in the Guide.

> The current name indicates no such restriction and seems to be the
>ideal place for notices of sale or wants .

Perhaps we should rename the rec.radio.amateur.* groups to the rec.radio.amateur.NO-BUYING-OR-SELLING.* groups, but even that probably wouldn't stop the truly clueless. If they won't read the Guide or the FAQ, why should we expect them to read the group name.

> To quote what the "Charter " of the group says is not very helpful , I
>doubt if 1 in 10,000 of the people who look at this group even know of
>the existence of a charter for the group , let alone know what is says
>!

Sad but true, the clueless do rule.

>Comment.
> Rec.Radio,SWAP ? I think Mr Spock would say "Illogical Captain"
>for a group to look in for AMATEUR Radio Equipment for SALE ,
> The group name Rec.radio.swap conjures up (for me at least) a vision
>of Antique broadcast radio collectors swapping vintage valve sets !!!
> Let us not be so parochial as to think that Ham radio is the only
>type of recreational radio

Well, that's the idea. The swap group is for swaps, sales, trades, wanted to buy, etc of *any* kind of radio equipment, including amateur, as well as scanners, shortwave receivers, CBs, or even antique boat anchors, by members of those rec.radio.* newsgroups. The idea was to have one marketplace and get the dang ads out of *all* the main discussion groups for the entire rec.radio.* hierarchy.

Of course I argued at the time of the Great Renaming that we should just stay as rec.ham-radio, one big group, and let the users manage it how they want on their own machines. That's what kill files and threaded readers are for. But no, we were told that by breaking it in pieces we'd get rid of the clutter. Fat chance when nobody respects the hierarchy, and when people *repost* the same stupid article to every group instead of properly cross-posting. Oh, well, there still are threaded readers and kill files, regardless, so it probably doesn't

matter much one way or the other. (Except for the reposts, that takes up extra disk space, I *hate* that.)

And yeah, *this* post is off charter too. Grumble!

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2300. [Q] Yaesu FRG8800 wide band FM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: daryl@alliedpress.co.nz
Message-ID: <43teni$79r@celebrian.otago.ac.nz>
Source record: 212199

Anyone know where I might get the wide band FM section for a Yaesu FRG8800 receiver with VHF converter.

In the book it states that there is one available with gives a 50kHz bandwidth instead of the noral =/- 5kHz narrow band, but it is an optoinal extra. Having the larger bandwidth will make it possible to receive the satellite APT, which is what I want to do.

Are there any mods out there that will do this for me anyway?? Any info would be useful.

Thanks,
Daryl, ZL4TWO.

2301. CAD tools and distribution was(Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep22.034252.22503@ke4zv.atl.ga.us>
Source record: 212200
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <43roe4$ona@mgate.arrl.org> Zack Lau <zlau@arrl.org> writes:
>
>I see your point, but since I can't supply circuit boards
>(HQ staffers can't run amateur related businesses), I
>prefer to leave QST page space open for others to fill.

Fair enough, though I suspect FAR Circuits would be happy
to make and sell the boards.

>I'm still waiting for an Internet PCB layout standard to
>evolve. In fact, few hams other than myself seem to be
>distributing Net compatible layouts in *any* form. I'm
>currently generating Postscript files using HiWire, a
>CAD program by Wintek, but suspect I ought to switch over
>to Autocad to gain the flexibility of generating things
>like properly dimensioned rat race microwave mixers.

Yeah, I'd prefer the Autocad format. I've got that and it
talks to my plotters. I don't have Postscript and have to
kludge that through ghostscript to print it on the old
HP Laser.

Maybe we should start some discussion on this topic. (I've
added .homebrew to the distribution.)

I'd like to see us standardize on a schematic distribution
format, a netlist format, and a mechanical drawing format.
Then form a rec.radio.amateur.CAD group where we could
post such things, as well as Radio Designer and Spice
files, Mathcad worksheets, etc. Since many of the CAD tools
can handle several formats, and there are utilities to convert
others, perhaps we should start with a survey of what tools
the majority of us interested in this have in common and see
if there are common formats we all share. I'll kick it off.

Mechanical:
1) Autocad
2) Generic CADD
3) CD-CAD

Schematic Capture:
1) Orcad
2) Supercad
3) MicroSim Schematic Editor

PC layout:
1) PCBoards

Routers:
1) PCRoute

Circuit Simulators:
1) ARRL Radio Designer
2) PSpice

Paint programs and image viewers:
1) MS Paintbrush
2) Visual Image

Math tools:
1) Mathcad

That should do for a start. I'll try to keep a running tabulation
on followups and see what we have available to us.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2302. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep22.041752.22732@ke4zv.atl.ga.us>
Source record: 212201

In article <43sotu$8hl@ixnews3.ix.netcom.com> sking1@ix.netcom.com (Stephen A. King) writes:
>There is a conference called "rec.ham-radio.swap" that I get and there
>has **never** been one message in it. I have subscribed to this
>conference for over 2 months now, and nothing is ever in it.

Not surprising since it's a defunct group. When the Great Renaming occurred, and the Rec.radio hierarchy was created, all the Rec.ham-radio groups were rmgrouped. Unfortunately, some sysops never seem to get the word and leave defunct groups in their active files. That's the case here. You don't see anything in the group because on the majority of Usenet systems it no longer exists, and hasn't for a long time. It was replaced by Rec.radio.swap.

There's also no longer a Rec.radio.amateur.packet newsgroup, though I occasionally see messages with that group in the header. It was replaced by Rec.radio.amateur.digital.misc. It was hoped at the time that there would eventually be a whole hierarchy under the digital banner, including a separate packet group, but so far volume hasn't warranted it so we just lump everything digital into Rec.radio.amateur.digital.misc. The breakpoint seems to be around 100 messages a day. When a group gets that active, it's usually time to break it down into subgroups (or so some claim).

There is a logic behind all this, and part of it has to do with the disk directory hierarchy on Usenet distribution machines. Everything is setup to minimize directories that are empty except for a subgroup. That's why there are no .d groups in the amateur hierarchy, the host group above it would be empty, causing an unnecessary nesting of directories on the Usenet machines. (.digital is the exception, but it's supposed to eventually fill with several subgroups)

When and if we create an amateur CAD newsgroup, arguments will rage as to where to put it. Will it go under .homebrew, will it go under digital, or will it go directly under .amateur? And there will likely be calls to create a .d directory under it for people wanting to discuss the CAD files being posted, and other people will insist just as strongly that the discussion be mixed with the CAD files in the same group, and there will be others who will want the CAD group to *be* a discussion group, and have a .bin subgroup, or whole series of subgroups, under it to hold the files. See how convoluted it can all become?

Eventually it comes down to a vote, and all of us maintaining Usenet hosts will adjust our active files and directory structures accordingly. Of course there will be some who won't go along, either through ignorance, sloth, or just plain cussedness. That's Usenet

for you, a complete anarchy. But the majority of sysops *will* go along, and any orphan groups left out there will be essentially unused, like the Rec.ham-radio.swap group your sysop still clings to.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2303. Re: Alinco Service Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4404ej$m1q@newsbf02.news.aol.com>
Source record: 212052

Thomas:
Thanks for your response to my original posting concerning Alincos service.
My DR600's (3) have held out and performed well, and none have been in for repair. I think (reading behind the lines here) that Alinco may be going through some personel changes. Apparently Taka was formerly the senior service guru and has now become an executive vice president. (of the whole company?, facility? service dept?) Jason, who is "no longer with the company" was the former customer relations representative (the polite 'phone man', to sooth the upset customer). Grant is apparently the new customer relations polite phone man.....and that he is. The root of my problem was not in the speed of their service but that both Jason, when he was there, and now Grant both verbally promised and soothed very well on the phone only to deliver otherwise. Perhaps mine is an isolated case. Five trips to factory service for the same problem does seem excessive though. And, it irritated the hell outa me that Taka would not even take my call. You'd think the amount of Alinco receipts I have would get me a tour of the building, much less a phone call.
Thanks again.
Rick Crider
KD4FXA
Monroe NC

2304. Re: ts-520 low plate current above 7 Mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <811833002.17269@pinetree.microserve.com>
Source record: 212053

tomas@ra.cgd.ucar.edu (Bob Tomas) wrote:

>I "inheritted" a ts-520s. I've noticed that it draws less plate current
>on 20, 15 and 10 meters than the manual specfies it should: about 160 ma
>to 120 ma instead of the specified 200 ma. It draws less as the freqencey
>gets higher.

Try a quickie alignment first. If that doesn't help, replace the driver
and finals. BTW, I've worn out various transmitting tubes through the
years and don't remember ever experiencing the "broad tuning" symptom you
mentioned. One thing I do know - absence of this symptom sure doesn't mean
the tubes are good. <g>

Good luck,

Jack WB3U

2305. Re: CB to 10m conversion?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep23.052652.29226@ke4zv.atl.ga.us>
Source record: 212054

In article <charles1DFC9A8.2y9@netcom.com> charles1@netcom.com (charles copeland) writes:
>I have heard of CB's converted to 10m radios.
>
>Does anyboy have any info on this?
>
>I believe CB's run AM, would mod involve changing freq. and change
>AM to SSB?
>
>Is it worth the effort?

Is anything worth the effort? Depends. It's a cheap way to get a
10 meter radio, and you might learn something doing the conversion.

First off you'll do best to find a SSB CB. Then it's just a
straightforward reprogramming of the synthesizer and a change
of the conversion crystal to get you on 10 meters, usually in
the 28.3 to 28.5 MHz area where you'll find a lot of coded
Techs, and others, hanging out on SSB. This can be a worthwhile
conversion. I've done a couple of them.

If you have an AM CB, converting it to SSB is not practical.
You can either leave it as AM, there is some AM activity in
the middle of 10 meters, up toward 29.0 MHz, or you can convert
it to FM and use it up above 29.0 MHz. The FM conversion is not
bad, but does require some surgery and addition of a few parts
to make a FM modulator and demodulator. Up at the top of 10 meters
there are repeater channels. Getting the rig to operate the repeater
splits can be a challenge since it wasn't designed to work that way.
You have to arrange a 3 channel shift when going from transmit to
receive. That requires more poking around the synthesizer. I'm not
sure that's a practical mod, you might just leave it as a simplex rig.
It's harder to say if this conversion is worthwhile. *I* wouldn't
bother, but then I've already got a rig that covers 10 meters.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2306. Re: ElectroMagnetic Weapoms

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: aa244@sfn.saskatoon.sk.ca
Message-ID: <441k5f$62t@tribune.usask.ca>
Source record: 212055
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

Glenn Hansen (ghansen@accessone.com) wrote:
: In article <43v681$87d$2@mhafm.production.compuserve.com> SpyKing
<73453.1714@CompuServe.COM> writes:
: >From: SpyKing <73453.1714@CompuServe.COM>
: >Subject: ElectroMagnetic Weapoms
: >Date: 22 Sep 1995 20:27:45 GMT

: >Looking for any and all information on electromagnetic pulse
: >bombs and HERF (High Energy Radiated Frequency) Guns

: Geeze, I threw the manual to my EM Pluse Bomb LTD made by Acme in the trash.
: If you write them I am sure they can give you lots of information. Can't help
: you on the HERF. That damn State of Washington passed a law in 1992 banning
: the sales of them here. Sorry.

You know what ticks me off? The Acme EM Pulse Bombs are still legal in
Canada, but they need <guess what?> HYDROGEN PEROXIDE to power them.
jeezus. every damn thing needs hydrogen peroxide to power it <g>

--

================== The views expressed are the opinions of the author, and
=-----------------====================== are in no way endorsed by the
=========----------------------------------=============== Saskatoon Freenet.
Dallas ==============-----------------------------------===============
Trembach =========================----------------------===
(aa244@sfn.saskatoon.sk.ca) =============------------=
A.K.A ============
/\ /--\ /-- /--
//\\ |\ | _ \//-- //--
// || || \||| || "You got this death wish,
\\ oo oo || || |||__ oo oo _ |__ _ little girl: you don't
\\ /\ |||||| || /||/ /\ ||||| \|/ | \ want to kill any one, and
////\\|||||| ||/ /|| \\ ////\\||||||\|| ||\ you don't want eat anyone."
\\// \\//|\/||| | / \\-- \\// \\//|\/||| \\--|| --my Law teacher.
\/ \/ __/|/ _/ \-- \/ \/ __/\| \--\|

2307. Re: 870 v. 775 v. 1000?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <440i7h$a5@tilde.csc.ti.com>
Source record: 212056
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Buy a TENTEC!
--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

2308. Re: Icom IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <440it8$a5@tilde.csc.ti.com>
Source record: 212057
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

>I got the impression from GJ4ICD's page that they
were already available in
>Europe. Anyone over there confirm this? How about
elsewhere in the world?
>

>73s Alf NU8I/G4ABB
>alf@agreen.iac.honeywell.com
>Phoenix, AZ
>
Hi Alf, The rigs are available in JA, and I saw them
in Hong Kong(VS6) and Singapore (9V1) a couple weeks
ago during a business trip. I imagine they should be
stateside really soon. Heard one on the air on 18
Mhz about a month ago--sounded good but the OM
complained that the 2M output wasnt enough for him (in
JA 2M is only simplex, so ya need more pwr than 10
watts out usually).

73 from Joe Fitter BV2/N0IAT in Taipei, TAIWAN R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

2309. Re: Icom IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: meyer@idirect.com
Message-ID: <ragnaroek1995Sep23.163408.8074@news2.compulink.com>
Source record: 212058
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Apparently the 706 has been out in Europe for a few months. With problems.
It should be out in North America in the next 2 weeks. Likely early October.
Hopefully all problems have been dealt with.
73,
Meyer.
VE3ECX

(any dumb .sig that follows is added by my provider!)

: Internet Direct. Realms of Despair! :
: (416)233-2999, 359 lines telnet realms.game.org 4000 :
: T1 bandwidth, 300-28,800 bps Endless medieval enjoyment! :
: :
: Stop by for a drink at the Internet TeleCafe -- telecafe.com 9000 :

2310. IC725MOD?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: jgg@iglou.iglou.com
Message-ID: <DFCx6z.24o@iglou.com>
Source record: 212059

Does anyone of a way to open the TX of the Icom 725?
I want to use it with a transverter but the current tx is limited.
Thanks,
Jim, KQ4EL

--
****
jgg@iglou.com

****

2311. Re: Question: Sound card and Software for decoding RTTY/CW ect.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <440j6j$a5@tilde.csc.ti.com>
Source record: 212060

In article <DF3IEC.Asn@inter.NL.net>,
erwin.cremers@ingram.nl says...
>Since most sound card have a input and output it
>seems logical that there
>should be a smart HAM who hase made some software to
>use a Sound card as a
>input device for decoding digital radio signals like
>CW/RTTY/AMTOR ect.
>
>If any one is aware of software like this and if it
>is availble as shareware
>please let me know where to find it.
>
>Erwin Cremers
>PE1MGR
>Dutch Radio Amateur

Erwin,
I would be very interested in getting a copy of the
same, especially RTTY and/or SSTV. Please let me know
if you find one....PCs are very common here in
BV-land, but RTTY interfaces are difficult to come by.
Lots of hams here might be interested. Thanks es DX
73

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

2312. President James info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: mark Nieuwenhuizen <marknieu@knoware.nl>
Message-ID: <440kto$g70@news.knoware.nl>
Source record: 212061

I just bought a second-hand President James 27 MC. What i didn't find in the handbook was the
key-code to toggle between 40CH FM/80CH FM/80CH FM/AM.
Can anybody give me the sequence of key pushing?
Please respond through this group because my mail-delivery-system is temporarely
out of order.

Thanks,
Mark Nieuwenhuizen
Holland

2313. Re: Icom 2410 CrossBand Repeat?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: yan01@nmns1.nmns.edu.tw
Message-ID: <440d9r$6gs@news.fcu.edu.tw>
Source record: 212062

☐>Yes the IC-2410 will do cross band repeat. Set up the desired
frequencies.
>Press both the Band and Set buttons untill the memory channels change
to a
>flashing " L " . To revert back to normal mode, just press the SET
until
>the " L " changes back to a normal memory channel number. if you
how about Ic 2340h do Repeat
please tell me

2314. Kenwood TM-251 mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: daniel@pandora.lugs.po.my
Message-ID: <4413uk$kf@merlion.singnet.com.sg>
Source record: 212063

I heard that the TM-251A/E is capable of receiving in the region of 800-900 MHz+. From the block diagram it looks like this is possible. I was just wondering if anyone knows how to do this mod, and for that matter, any other mod for this mobile rig is welcome. Thanks in advance.

73 de 9V1ZV Daniel

Daniel Wee | daniel@pandora.lugs.po.my
9V1ZV | daniel.wee@f516.n600.z6.fidonet.org

2315. 2M Intermod filters/help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: daniel@pandora.lugs.po.my
Message-ID: <44147o$kf@merlion.singnet.com.sg>
Source record: 212064

I'm in a situation where my 2M rig is severely affected
by IMD from paging transmitters in the region of 150MHz
and up a few MHz. This is pretty severe so I would
appreciate any advice as to how to fight this. Rig is
a Kenwood TM-251 mobile with a vertical 5/8-lambda on the
roof. My IC-22A, an x-tal controlled rig does not suffer
as badly because (I think) of the helical filter in its
front end design. Cavities are a bit too expensive to buy
(maybe homebrew one). I've been thinking of PAR notching
cavity, and external helical solutions. Some of these
require I insert into the rigs receive line with mods
to the rig. I don't mind as long as it works but impedance
matching may be a problem doing that. Can anyone who has
had some success in fighting IMD of this nature please
advise? Thanks.

73 de 9V1ZV Daniel

Daniel Wee | daniel@pandora.lugs.po.my
9V1ZV | daniel.wee@f516.n600.z6.fidonet.org

2316. Help!!! Ignition Noise.....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <440518$m7e@newsbf02.news.aol.com>
Source record: 212065

I've installed a dual band mobile rig in a 1973 Land Rover. Getting a popping noise on receive that varies with engine speed, not an alternator whine. Rover is 12 volt negative ground. Has standard ignition, distributor, points, etc. Hot wire for rig is run directly to battery. Good solid ground. Already installed modern high quality Bosch resistor plugs, and, new carbon core resistor type plug wires. What's next? Thanks......
Rick Crider
KD4FXA
<rickcrider@aol.com>

2317. Re: Tentec Scout

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <441agf$4n4@vivanews.vivanet.com>
Source record: 212066

John M. Rymell (ryme@husky.bloomu.edu) wrote:
: host name@earthlink.net (Your real Name) wrote:
: >I am thinking about buying a Tentec Scout. If you have used one would you
: >please E-mail your opinions to me?
: >
: >Thanks,
: >Joe AA6WG
: >

: Joe,

: Nice little rig for the bucks. Using a Scout as a portable rig for
: RACES drills over the past 6 months.
: Enjoy the freatures. Light, small, easy to handle in field conditions.
: This is a real 'thumbs up' recommendation!

There is, however, a problem that may affect your decision if you're
a CW operator. The Scout's frequency stability can be somewhat erratic
as the microprocessor constantly tries to keep you on frequency. Basically,
it bounces around enough to be noticable to the other operator. You can
usually tell when someone is using a Scout, even before they get to a
description of the rig. :-)

Also, the cost of the Scout + all band modules is equivalent to the
price of a more fully-featured all-band rig. If portability is not an
issue, you'll want to consider that, as well.

Rich Mulvey, N2VDS Rochester, NY USA
mulveyr@vivanet.com
n2vds@net.wb2psi.ampr.org
n2vds@wb2psi.#wny.ny.us

2318. Re: Tentec Scout

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: hbs@crl.com
Message-ID: <441fu7$cc@crl2.crl.com>
Source record: 212067

Rich Mulvey (mulveyr@vivanet.vivanet.com) wrote:

: There is, however, a problem that may affect your decision if you're
: a CW operator. The Scout's frequency stability can be somewhat erratic
: as the microprocessor constantly tries to keep you on frequency. Basically,
: it bounces around enough to be noticable to the other operator. You can
: usually tell when someone is using a Scout, even before they get to a
: description of the rig. :-)

: Also, the cost of the Scout + all band modules is equivalent to the
: price of a more fully-featured all-band rig. If portability is not an
: issue, you'll want to consider that, as well.

The Scout that I operated had a bad backlash problem with the tuning knob.

Is this common with the Scout?

--
Henry Smith (hbs@crl.com)

2319. Re: Were the power outages REALLY an act of "God"?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: mri@clark.net
Message-ID: <441n30$j8e@clarknet.clark.net>
Source record: 212068

What does this crap have to do with ham radio equipment ?

If you have nothing to say, please don't say it here !

Ms. Robin Shannon Brookstone (Robinsb@tde.com) wrote:
: Those of you here in Denver who suffered the massive power
: outages that you thought were caused by Wednesday nightï¿½s
: storm may be interested in reading this. Itï¿½s the text of a
: letter I faxed to the Public Utilities Commission and the
: 3 big local TV news stations. (BTW, We live in far northeast
: Denver, between the old and new airports.) I got a call from
: channel 4 (CBS affiliate) today, to ask me some questions
: and say they will be looking into it.
:
:
: Public Utilities Commission
: September 21, 1995
: To Whom It May Concern,
: Yesterday we had many short power
: outages followed by one long one from about 11:40 PM until
: around 5:20 AM. During this time, we could look out the door
: and see brilliant flashes north of our house, over towards
: 56th Avenue, as trees touched the power lines and were
: detonated! Every time the power tried to come back on we
: would see another bright flash. During part of this time the
: power was on at the houses across the street from us, but
: later a bright flash occurred and even that went out! Then
: the power came back on for about an hour (I think, because I
: was very sleepy) and then went out again for about another
: hour! We think that all these power outages were no accident,
: nor were they an ï¿½act of Godï¿½ caused by the snow storm, as
: Public Service Co. would have us believe! It is our opinion
: they were caused by a purposeful act of negligence, the
: result of the management at PSCo. not doing their jobs!
:
: Awhile back we were experiencing several power
: outages a week in our neighborhood and we could always tell
: it was a certain feeder because the lights at the houses
: across the street from us would almost always remain on. We
: complained to PSCo. at that time and when it did no good, we
: complained to the PUC. The situation was finally temporarily
: fixed. But what we learned from an employee at PSCo. at the
: time, was that the outages were being caused because PSCo.
: was not insisting that trees be trimmed so they donï¿½t go into
: the power lines every time we get windy, snowy and/or rainy

: weather!
:
: It is PSCo.ï¿½s job to see that trees that grow too
: close to power lines are trimmed! The owner of the residence
: is supposed to it but if they donï¿½t, PSCo. has legal right of
: way, which they may exercise and force the homeowner to allow
: them access to the property to trim the trees. Then I believe
: they are allowed to bill the homeowner for the costs of
: trimming them! But what I was told by this PSCo. employee was
: that there were some people, including someone on the Denver
: City Council, who would not allow access to their property to
: do so, and so they ï¿½couldnï¿½t trim themï¿½! I also heard about a
: year ago, from someone I used to know who works at PSCo.,
: that theyï¿½ve been short handed for several years, and might
: even be having to lay some people off despite being short
: handed, because they made bad investments back in the ï¿½80ï¿½s
: (during the junk bond period?) and lost a lot of money. So
: for awhile they hadnï¿½t been sending meter readers around
: regularly (thatï¿½s been corrected recently) and itï¿½s very
: likely been part of the reason they arenï¿½t being assertive
: about keeping trees out of the power lines! So now that leads
: us to ask; Were all the power outages around the city last
: night caused by untrimmed trees?! Power lines donï¿½t
: generally shut down from only rain, snow or wind!
:
: But am I mistaken?! I thought even powerful
: politicians are supposed to live by the same laws everyone
: else does! Or is the recent trend towards arrogant
: politicians, who no longer seem to have to care what the
: public wants, contributing to this situation?! And why should
: we be subjected to the constant annoyance of unnecessary
: power outages because some politician expects that they donï¿½t
: have to live by the same rules as everyone else?! There is a
: handicapped woman in our household who is disabled, in
: constant severe pain due to the consequences of a past
: injury, and also suffers from allergies and asthma. She does
: not do well when the air filters wonï¿½t run and sooty candles
: must be burned for even enough light to be able to safely go
: to the bathroom! So unless itï¿½s ï¿½Godï¿½ living in our
: neighborhood, or maybe the reincarnation of King or Queen
: Tut, canï¿½t someone get PSCo. to do their jobs right and see
: that those trees get trimmed?! We are formally requesting
: that you look into this matter and try to get it corrected!
:
: Ms. Robin Shannon Brookstone
: [snipped our address & phone]
: Internet Email Address: RobinSB@TDE.Com

2320. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <441tdu$5o5@vivanews.vivanet.com>
Source record: 212069

Thomas Randall (Thomas.Randall@bbs.mhv.net) wrote:
: John Olson (tiger@gp.magick.net) wrote:
: : Thomas Randall (Thomas.Randall@bbs.mhv.net) wrote:
: : : Drew Durigan (VUBS79A@prodigy.com) wrote:
: : : : What great timing! I just passed my tests this past weekend and should
: : : : be getting my Tech-Plus ticket soon. My 2510's all ready to go on 10-
: : : : meters (finally get to use that radio for it's "intended" purpose :-),
: : : : but I need to get me a good, inexpensive 2-meter rig to get started with.

: : : : I understand Radio Shack has put the HTX-202 on sale for $199 this month.
: : : : Is this a good radio or another one of those famous "Rat Scrap Lemons?"
: : : : Is it worth $199, or would I do better elsewhere?

: : : Drew,
: : : Get the 202, it's a nice rig. I also recommend spending the extra
: : : money on the maintanence plan just in case you drop her off a cliff or
: : : off the table. I've had mine since October of last year and not one
: : : problem so far. Sturdy radio by the way!

: : : Tom - KB2SMS

: : Drew: The HTX-202 is ok for normal voice communications, BUT IF you
: : have any asperations of running packet with it - FORGET IT! It's JUNK.
: : Congrats on the new ticket!
: : 73's John WA6IKO

: I disagree! I use mine for packet with NO PROBLEMS at all. Works just great.

Considering that mine has been running 2-1/2 years, 24 hours a day,
7 days a week as a TCP/IP node, I'd say that the person who claimed
that it's junk needs to re-examine his definition of "quality." :-)

- Rich

Rich Mulvey, N2VDS Rochester, NY USA
mulveyr@vivanet.com
n2vds@net.wb2psi.ampr.org
n2vds@wb2psi.#wny.ny.us

2321. RE: New ham looking for HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: bluospry@ix.netcom.com
Message-ID: <441a4b$87k@ixnews2.ix.netcom.com>
Source record: 212070

Buying the right HT
IMHO all of the ham radio companies are good. Usually the latest radios out have some new features and advantages. But it depends on where you live, how you're going to use it, what you can pay, and what repeater club you belong to that really matters. You should buy an HT suited to your specific needs.
If you want to use it in the distant wilderness you will want a telescoping 1/2 wave antenna, a maximum voltage battery pack (13.2v, 12v or 9.6v depending on the radio), and a radio that puts out 5 to 7 watts. You may want to add a walking stick beam antenna (Arrow Antenna, 1461 Peacock Pl., Loveland CO 80537) if you get even more remote. Bigger batteries, antennas and radios become valuable for remote communications.
Picking bands is simple look in the repeater guide to see which bands have the most open repeaters and where the high coverage mountain top repeaters exist (the maps of repeaters show many of these). In terms of HTs 2 meter propagates better then 1 1/4 meter which is better then 70 cm which is much better then 1.2 gHz. But in underground parking structures the trend reverses. In most areas 2 meter is best and 1 1/4 or 70 cm is second best. In California there are interstate nets two run on 1 1/4 meter through most of the state except the northern extreme into western Arizona and Nevada and one in the southeast desert of California on 2 meter into Arizona, New Mexico and western Texas. Check what nets you might want to use.
Finally decide what repeater group you will join and what bands are best for that club. Pick the best bands for your area and use.
Picking the size of the radio depends on how much you will use it in the big city. Small radios typically have more intermodulation problems, bad for the big city, then the larger HTs. But intermodulation is rarely a problem in the suburbs or afield.
Will you try to use the HT in a vehicle? If you have a very small amp and speaker, typical of the shirt pocket variety, you will need and external audio amp and speaker to hear it in your car. But the larger amp and speakers of the bigger HTs can easily be heard in the moving vehicle. You could of course have a shirt pocket HT and a mobile transceiver in your car. Pick a size of HT that fits your needs.
Some radios have 12 memories and others 200 memories; if there are hundreds of repeaters in the general area of your travels you may want more memories to prevent constant programming. For limited travel in remote areas a dozen memories is fine. Pick the right amount of memories.
Are you going to use the radio at night in the dark? Then you may want a HT that has a key display that is lighted on command.
Most new HT s have CTCSS, tone and paging but in general be aware of

the rest of the features and if they would be of use to you. After you have answered these questions look in the catalogues and match up the HT s with the proper features considering of course your pocketbook. My personal choices were a Standard C228A (2 m / 1 1/4 m, my preferred radio), a Radio Shack HTX-202 (a powerful radio in audio and transmit), and a Standard C558A (2 m / 70 cm) used only when I need a compact radio.

73s, R. J. Arnold, KD6RMD
*Ham radio equipped Sierra Club outing leader, writer, editor, wilderness instructor
*SCIENCE is "practical" written in CAPITAL letters, but exercise, diet, regular checkups and biotech is "long life" in italics.

2322. FT-2200 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <4421cr$hnb@giga.bga.com>
Source record: 212071

I need any & all mods. for the YAESU FT-2200 2 mtr rig, eg. out of band TX, AM rx, etc.
Don't post here, E-mail me with the info pls.
Thanks, Matt/KK5DR

2323. FT-26 mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <4421p3$hnb@giga.bga.com>
Source record: 212072

I need more mods. for the YAESU FT-26 ht, I have the out of band TX mod. Are there any more mods. ?
Don't post here, E-mail me with the info.
Thanks, Matt/KK5DR

2324. Re: CAD tools and distribution was(Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: al@atd.rochester.ny.us
Message-ID: <1995Sep23.153735.15360@atd.rochester.ny.us>
Source record: 212073
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: I'd like to see us standardize on a schematic distribution
: format, a netlist format, and a mechanical drawing format.
: Then form a rec.radio.amateur.CAD group where we could
: post such things, as well as Radio Designer and Spice
: files, Mathcad worksheets, etc. Since many of the CAD tools
: can handle several formats, and there are utilities to convert
: others, perhaps we should start with a survey of what tools
: the majority of us interested in this have in common and see
: if there are common formats we all share. I'll kick it off.

It is not just "have in common". We need a format that is free and will not become obsolete. Unfortunately, the tool vendors like to lock you in. Not all of us use dos/windoze. There is also Mac and a variety of unix systems.

For netlists, Spice is the obvious choice, possibly with well documented extensions. Every good analog simulator either can use it directly or has conversion utilities available. (to the extent that the features overlap)

For schematics, postscript seems like a good choice on a quick glance, but there are problems. The plus side is that some systems have it built-in, and some printers use it directly. Postscript previewers are available for anything, sometimes free (Ghostscript). All good drawing programs can generate it, at least indirectly. The down sides are that may not be editable, it may not be possible to convert it back to something that it editable, and it is hard to extract a netlist from it. Some programs can edit a subset of Postscript. (Illustrator) But how do we convince the others to stick to the subset that can be edited?

How about demanding an annotated Spice netlist? It is easy to add coordinates to each element. How about 2 sets each -- one for schematic, one for layout. It is easy to make a tool to strip them out for Spice. It should be easy to patch the simulators to ignore the extra fields. The simulators could actually make use of the layout info for interconnect analysis. Since many schematic programs will output a Spice deck, they could be changed to preserve the locations. Maybe someone could make a simple viewer for it, and make it available on the net for free. How about an anno-spice to postscript converter? (master's project, perhaps?) Any takers?

Please don't make me buy any particular tool, especially one that doesn't run on my machine. Free ones off the net are no problem, as

long as they have source and can be compiled on my machine.

--

2325. Subaru 1996 Legacy L Wagon

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: gsmlrn@gsm001.mendelson.com
Message-ID: <1995Sep23.165722.4112@gsm001.mendelson.com>
Source record: 212074

Hi,

Having just dramaticly increased the family debt, we now have a new Subaru 1996 Legacy L station wagon. I would like to install a 2m or 2m/440 rig in it.

Any thoughts, suggestions, etc. Advice specific to this model or station wagons in general would be appreciated.

Thanks and 73,

Geoff.

--
Geoffrey S. Mendelson (N3OWJ)
President, Mendelson Computer Consulting, Inc.
Voice (215) 242-8712 Fax (215) 242-3116 Email: gsm@mendelson.com

2326. Mods/ Heath HW24HT Dual Band?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: DBULLARD@UGA.CC.UGA.EDU
Message-ID: <174221346BS86.DBULLARD@UGA.CC.UGA.EDU>
Source record: 212075

I have seen mods for this HT which supposedly provide extended
transmit and receive on 2 meters and 70cm. I have tried these
mods with zero success. Has anyone successfully performed a
mod on the HW24HT to extend its range?
Thanks for any help.

dbullard@uga.cc.uga.edu

2327. Re: Help!!! Ignition Noise.....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <4407mj$3ja@news.halcyon.com>
Source record: 212076

I would start by following the suggestions in the handbook. I used the ground braid from RG-8 cable and bonded my entire enging compartment, cab, bed and tail pipe of my pick-up truck to the frame. Also make sure you bone the radiator support acress the front of the auto. I placed bonding on both sides of the hood to the firewall, the fenders to the firewall, the fenders to the radiator support, the heater motor to the firewall, the firewall to the frame.

Used No. 8 stainless sheel metal phillips head screws with 2 shake proof lock washers sanwiching the ring eye that was soldered to the braid. The " star" washer bites into the paint. My ignition noise went from a S-9 to a S-2. Also I have the addes benefit of a terrific bonded auto so the electrics also work fine. My auto lamps dop not go out when applying the brakes due to a poor gound in the system.

Have Fun the bonding is well worht the effort and will only take about 2 ro 3 hours to do.

Gary

2328. FT-726R Tone Squelch Unit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: Ian Langmead <ian@drumoak.demon.co.uk>
Message-ID: <539288109wnr@drumoak.demon.co.uk>
Source record: 212077

Does any one have the circuit diagram of the CTCSS tone squelch module
for an Yaesu FT726R or info on fitting/building a CTCSS.

Thanks
--
Ian Langmead

2329. Proposed State & Federal Regulations for the INTERNET!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: Politics@usa.com
Message-ID: <440csm$9oi@newsie.wis.com>
Source record: 212078

My name is Scott Glasrud, and I am running for the New Mexico State Senate during the 1996 elections. One of the reasons I have chosen to run is to combat the proposed state and federal regulations of the Internet. As you know, the Internet was never designed to be regulated! It was designed to allow communications in the event of anuclear war or a major catastrophe. I OPPOSE REGULATION, and if elected will fight to preserve your constitutional rights. HOWEVER, I NEED YOUR HELP!

I am asking each person who reeives this message to send $5.00 to the Scott Glasrud Campaign Committee. If we pull together, we CAN protect our first amendment rights! HELP ME show the politicians the POWER behind this important NETWORK. Please send contributions to:

The Scott Glasrud Campaign Committee
11024 Montgomery Blvd. NE, Suite 179
Albuquerque, New Mexico 87111

Thank you!

2330. Re: Need Kenwood 7400A Serv. Manual,help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <442jns$sfp@nile.intac.com>
Source record: 212079

In article <4406eg$bk4@bighorn.accessnv.com>,
Squeak Porray <ad7k@bighorn.accessnv.com> wrote:
>Steve Pazar (pazar@sr.hp.com) wrote:
>
>: Hi Gang,
>: I foolishly purchased a non-working TR-7400A two
>: meter rig last weekend. I repaired the major problem
>: (shorted 5 volt supply), but the receiver sensitivity
>: is too low (about 20 uV). I have verified that the
>: receivers front end amp, and helical resonator file
>: ter is OK, so now I'm looking at the first mixer and
>: first LO power. Anyone have any idea what power
>: (or voltage) I should see out of the synthesizer?
>
>: **
>: * STEVE PAZAR DoD #702 Kawasaki KZ440A
>: * E-mail: pazar@sr.hp.com
>: * Ether: WA4DUT/6
>: * Stupid is forever, ignorance can be fixed...
>: **

Before you go looking for trouble in the mixer,
have you checked the T/R switching yet? In that radio they used a pair of
diodes to control the RF switching between TX & RX. The one affecting the
reciever shorts the RX antenna input to ground when a DC voltage is applied
to forward bias it. If this diode is shorted or has a low resistance it could
create exactly the effect you are seeing. Also verify that the DC bias is
applied only in transmit mode and that there is NO voltage applied to it
during receive. (I just checked the schematic. This is diode D2. [p/n MI301])
Also check the connections between D3, L9, C20, C21, and D2. This area tends
to get heated up and any poor connections / cold solder joints here can
cause problems with both receiver sensitivity and TX power output.

Good luck,

Gary, WA2BAU

2331. Re: 2M Mobile: Kenwood TM-241A or Alinco DR-130T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: ke4iof@aol.com
Message-ID: <442jag$cn4@newsbf02.news.aol.com>
Source record: 212080

In article <43tce3$5jh@central.server.swt.edu>, Xingde Jia
<jia@erdos.math.swt.edu> writes:

>I am about to purchase a 2m mobile transceiver. I've looked at different
>ones, and
>decided (almost) to consider either Kenwood TM-241A or Alinco DR-130T.
It
>seems
>that these two have the same functionality. I really need your input
about
>these
>two radios. I appreciate your comments.
>
>Thank you very much for any info!
>
>73, KC5QLS - Jia

Go for the DR150T. It'll cost about $20-$25 more, but it is well worth it.
The DR130T is an excellent radio, but is lacking in some "nice" features,
like memory skip.

Mark

2332. HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: steve.sims@totrbbs.radio.org
Message-ID: <13302.12.uupcb@totrbbs.radio.org>
Source record: 212081

TR>: But it performs as it is advertised it will - and it does it
TR>: excellently.

I want to second this opinion. I got an 2-meter Radio Shack and liked it so much that I got a 440 model to keep it company. I liked the remarks about the astetics, because while it does not outclass much in the way of bells and whistles, it does do everything that you need it too and quite well. As for packet, my brother has borrowed the 2 meter brother and has been using it with a baycom packet modem. It has been a good setup for him for over a year now.

Steve

. OLX 2.1 TD . hAS ANYONE SEEN MY cAPSLOCK KEY?
. KMail 3.0aa

Top Of The Rock BBS - Lilburn, GA
Phone: +1 770 921-8687 Snailmail: 4181 Wash Lee Ct.
Lilburn, GA 30247-7440

2333. TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: Greg Richard <greg_richard@lasernet.com>
Message-ID: <50924010006$71C7@lasernet.com>
Source record: 212082

I'm looking for a KPC-3, a PK-88, or an MFJ 1270B OR C.
Please leve me a message if you know of any for sale.
TNX, Greg

2334. NEWMARKET HAMFEST - Saturday, November 11

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: lmilrad@passport.ca
Message-ID: <4411ds$18v@diplomatic.passport.ca>
Source record: 212083
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,alt.radio.scanner,rec.radio.scanner

The York Region Amateur Radio Club presents The 19th Annual NEWMARKET HAMFEST on Saturday, November 11th, 1995 at Huron Heights Secondary School in Newmarket, Ontario.

Admission: $5.00 per person
Doors open to the general public at 9:00 am Talk-in on VE3YRC 147.225+

This is THE HAMFEST. The one all the others are judged by. 200+ Vendors. In addition to all of Southern Ontario's major Ham Radio Stores, generally Yaesu, Icom and Kenwood are there as well . Plenty of parking. Door prizes. Grand prizes. Refreshments available. Extra space for socializing.

Please note: The Hamfest entrance is at the main entrance to the school on Huron Heights Drive.

Vendor Information:

Tables 1,2 or 3: $15.00 each (Note: These are 6 foot tables) Tables 4 & 5: $25.00 each
Tables 6+: $50.00 each

Vendors Note: Your ADMISSIONS @ 5.00 per person ARE EXTRA.

TABLES ARE ONLY AVAILABLE BY MAIL. No Bookings will be taken by phone, over the air or by packet. Payment must accompany your registration.

Up until October 21st preference will be given to vendors that attended last year's Hamfest.

Please note our mailing address:

The York Region Amateur Radio Club
P.O. Box 28590
Aurora, Ontario
L4G 6S6

2335. Subaudible Tones for FT747

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: Joe Pfeuffer <kw1k@ior.com>
Message-ID: <441e5k$o2t@express.ior.com>
Source record: 212084

Any ideas of experience as to how to accomplish ?

73

Joe - KW1K

2336. Re: ElectroMagnetic Weapoms

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: conover@max.tiac.net
Message-ID: <4401me$gq9@sundog.tiac.net>
Source record: 212141
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

Me too! (Gawd, I thought I'd never say that.)

Harry C.

2337. Re: ElectroMagnetic Weapoms

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: ghansen@accessone.com
Message-ID: <ghansen.210.30638F5B@accessone.com>
Source record: 212142
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

In article <43v681$87d$2@mhafm.production.compuserve.com> SpyKing
<73453.1714@CompuServe.COM> writes:
>From: SpyKing <73453.1714@CompuServe.COM>
>Subject: ElectroMagnetic Weapoms
>Date: 22 Sep 1995 20:27:45 GMT

>Looking for any and all information on electromagnetic pulse
>bombs and HERF (High Energy Radiated Frequency) Guns

Geeze, I threw the manual to my EM Pluse Bomb LTD made by Acme in the trash.
If you write them I am sure they can give you lots of information. Can't help
you on the HERF. That damn State of Washington passed a law in 1992 banning
the sales of them here. Sorry.

2338. Re: Looking for first handheld, suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep23.045148.29029@ke4zv.atl.ga.us>
Source record: 212143
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <43s705$kt1@portal.gmu.edu> smasters@bzy.gmu.edu (Shawn C. Masters) writes:
>Scott Lawrence (lawrence@en.com) wrote:
>: I just started studing for my tech test. I want to get a dual band
>: handheld. Can anyone recommend one. A friend of mine who just got his
>: license, bought a Icom IC-T21A. It's incredibily small!!! But its only
>: 2 meter.
>
> I would suggest getting an old IC-2AT. They go for around $100 with
>all the extras. The radio is damn near indestructible in normal use, and
>works well. This gets you operating without being overwhelmed by features
>and price. Once you have played with the HT then you'll knwo better what
>you want out of a fancier one. For now, you probably won't use but a small
>number of the features on a higher priced model.

Excellent advice as usual, Shawn. I'd add one more thing. You won't
lose much to depreciation by buying used. When you get ready to sell,
you'll get almost all your money back. That certainly isn't true when
buying new. You pay dearly in initial depreciation for that pristine
cardboard box.

And a final thought. Newer isn't necessarily better. There are few
HTs out there that can match the old 2AT's performance as a *radio*.
It's not a scanner, and it's not a Gameboy, but it is a good two
way radio. The only serious lack it has is no CTCSS. If two meter
machines in your area require CTCSS for access (fairly unusual in
most areas), look elsewhere for a radio. (You can fit a CTCSS encoder,
but you'll be stuck opening the rig to change the tone, and that can
be a pain if you use several machines that each have a different
access tone.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2339. Re: CAD tools and distribution was(Re: 2m to 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: DB Wilhelm <w3fpr@nando.net>
Message-ID: <43vk43$m7s@parsifal.nando.net>
Source record: 212144
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>
> I'd like to see us standardize on a schematic distribution
> format, a netlist format, and a mechanical drawing format.
> Then form a rec.radio.amateur.CAD group where we could
> post such things, as well as Radio Designer and Spice
> files, Mathcad worksheets, etc. Since many of the CAD tools
> can handle several formats, and there are utilities to convert
> others, perhaps we should start with a survey of what tools
> the majority of us interested in this have in common and see
> if there are common formats we all share. I'll kick it off.

Mark me down for Generic Cadd - This also will handle many
AutoCad files as well.

I would cast a vote for the most usable for the general amateur
homebrewing population. Maybe HPGL files are more generic.
There are several inexpensive Cadd programs out there that will
handle them. I can foresee many users that simply want to print
schematics, and an investment in a $400+ Cad program seems a bit
expensive just for that purpose.

73,
Don

2340. Need Kenwood 7400A Serv. Manual,help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: pazar@sr.hp.com
Message-ID: <43vl7i$4d2@canyon.sr.hp.com>
Source record: 212145

Hi Gang,
I foolishly purchased a non-working TR-7400A two
meter rig last weekend. I repaired the major problem
(shorted 5 volt supply), but the receiver sensitivity
is too low (about 20 uV). I have verified that the
receivers front end amp, and helical resonator file
ter is OK, so now I'm looking at the first mixer and
first LO power. Anyone have any idea what power
(or voltage) I should see out of the synthesizer?
Yes, I do have the proper equipment to measure it,
I just don't know what level to expect. Has anyone
out there seen this problem (low sensitivity), and
solved it? I'd sure like to hear from you!!!

I'm also working at a disadvantage because I do
not have the service manual, and the schematic
included with the owners manual does not include the
synthesizer. Anyone willing to blast a copy of theirs?
As usual, I'll be happy to pay copying ans shipping
costs.

Thanks!

****
* STEVE PAZAR DoD #702 Kawasaki KZ440A
* E-mail: pazar@sr.hp.com
* Ether: WA4DUT/6
* Stupid is forever, ignorance can be fixed...
****

2341. Were the power outages REALLY an act of "God"?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: Robinsb@tde.com
Message-ID: <43vp56$alq@tde2.tde.com>
Source record: 212146

Those of you here in Denver who suffered the massive power outages that you thought were caused by Wednesday night's storm may be interested in reading this. It's the text of a letter I faxed to the Public Utilities Commission and the 3 big local TV news stations. (BTW, We live in far northeast Denver, between the old and new airports.) I got a call from channel 4 (CBS affiliate) today, to ask me some questions and say they will be looking into it.

Public Utilities Commission
September 21, 1995
To Whom It May Concern,
Yesterday we had many short power outages followed by one long one from about 11:40 PM until around 5:20 AM. During this time, we could look out the door and see brilliant flashes north of our house, over towards 56th Avenue, as trees touched the power lines and were detonated! Every time the power tried to come back on we would see another bright flash. During part of this time the power was on at the houses across the street from us, but later a bright flash occurred and even that went out! Then the power came back on for about an hour (I think, because I was very sleepy) and then went out again for about another hour! We think that all these power outages were no accident, nor were they an "act of God" caused by the snow storm, as Public Service Co. would have us believe! It is our opinion they were caused by a purposeful act of negligence, the result of the management at PSCo. not doing their jobs!

Awhile back we were experiencing several power outages a week in our neighborhood and we could always tell it was a certain feeder because the lights at the houses across the street from us would almost always remain on. We complained to PSCo. at that time and when it did no good, we complained to the PUC. The situation was finally temporarily fixed. But what we learned from an employee at PSCo. at the time, was that the outages were being caused because PSCo. was not insisting that trees be trimmed so they don't go into the power lines every time we get windy, snowy and/or rainy weather!

It is PSCo.'s job to see that trees that grow too close to power lines are trimmed! The owner of the residence is supposed to it but if they don't, PSCo. has legal right of

way, which they may exercise and force the homeowner to allow them access to the property to trim the trees. Then I believe they are allowed to bill the homeowner for the costs of trimming them! But what I was told by this PSCo. employee was that there were some people, including someone on the Denver City Council, who would not allow access to their property to do so, and so they "couldn't trim them"! I also heard about a year ago, from someone I used to know who works at PSCo., that they've been short handed for several years, and might even be having to lay some people off despite being short handed, because they made bad investments back in the "80"s (during the junk bond period?) and lost a lot of money. So for awhile they hadn't been sending meter readers around regularly (that's been corrected recently) and it's very likely been part of the reason they aren't being assertive about keeping trees out of the power lines! So now that leads us to ask; Were all the power outages around the city last night caused by untrimmed trees?! Power lines don't generally shut down from only rain, snow or wind!

But am I mistaken?! I thought even powerful politicians are supposed to live by the same laws everyone else does! Or is the recent trend towards arrogant politicians, who no longer seem to have to care what the public wants, contributing to this situation?! And why should we be subjected to the constant annoyance of unnecessary power outages because some politician expects that they don't have to live by the same rules as everyone else?! There is a handicapped woman in our household who is disabled, in constant severe pain due to the consequences of a past injury, and also suffers from allergies and asthma. She does not do well when the air filters won't run and sooty candles must be burned for even enough light to be able to safely go to the bathroom! So unless it's "God" living in our neighborhood, or maybe the reincarnation of King or Queen Tut, can't someone get PSCo. to do their jobs right and see that those trees get trimmed?! We are formally requesting that you look into this matter and try to get it corrected!

Ms. Robin Shannon Brookstone
[snipped our address & phone]
Internet Email Address: RobinSB@TDE.Com

2342. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <43vsiv$9ju@over.mhv.net>
Source record: 212147

Clint Bradford (clint.bradford@woodybbs.com) wrote:
: Subject: Re: HTX-202...Good? Bad? Ugly?

: >>The HTX-202 is ok for normal voice communications, BUT IF you
: >>have any asperations of running packet with it - FORGET IT! It's JUNK.

: More horrible, irresponsible advice.

: I am currently devoting an HTX-202 to packet 24 hours a day, as my
: landline BBS Users access it as a Door.

: Sure would like to hear first-hand experiences when it comes to the
: HTX-202, not a bunch of mis-stated, anti-Tandy sentiment. The HTX-202 is
: a solid, reliable performer. It ain't pretty to look at...it doesn't
: have 500 channels...it doesn't require a mangifying glass to
: maneuver the controls...and I cannot listen to cellular telephone calls
: on it, either.

: But it performs as it is advertised it will - and it does it
: excellently.

Totally agree Clint! Maybe the poster who has had trouble has lousy
packet activity in their area or problems with the Pbbs', or the tnc or
cables. The 202's
are built very solidly and I LOVE mine. I'm going to get another one to
dedicate to packet. I've been using mine EVERY day for almost a year now
and it works and sounds GREAT! Great intermod rejection, sturdy and
sounds GREAT both recieve and transmitting. A LOT of value for your money
as well. The other rigs cost MORE and you have to buy the OTHER options
like a spare battery pack or a higher powered one. I'll keep my 202 thanks!

Tom - KB2SMS

: Clint Bradford
: ---
: * TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221
: • wcECHO 4.1 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

2343. CB to 10m conversion?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DFC9A8.2y9@netcom.com>
Source record: 212148

I have heard of CB's converted to 10m radios.

Does anyboy have any info on this?

I believe CB's run AM, would mod involve changing freq. and change
AM to SSB?

Is it worth the effort?

Any info appreciated.

2344. DJ-160/DJ-180

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: Troy Bakken <tbakken@unr.edu>
Message-ID: <4400p1$dgb@umbra.unr.edu>
Source record: 212149

I would like to know what the difference is between the DJ-160 and the DJ-180. Are the mods the same, are they kinda the same radio? Just curious. Mail any replys to tbakken@unr.edu or post.

Troy Bakken

2345. Re: Cleaning of Equipment...Advice please...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <811832344.17269@pinetree.microserve.com>
Source record: 212150

n4lq@iglou.iglou.com (Steve Ellington) wrote:

>What about that extreemely hot water? Looks like that would damage
>plastic dials, eat the grease right out of your dirve mechanisms, get
>water in your s-meter, etc etc.

I agree. I was in the service biz quite a few years, and we considered wet cleaning to be a last resort. This is especially true with older gear that has paper coil forms. At the very least, this rig would have to be considerably disassembled to protect the parts you mentioned above.

Anyway, the guy didn't say the chassis had any kind of film or grease or corrosive liquid on it. He's just trying to remove sawdust and dirt. I'd remove the tubes (be sure to mark exactly where any duplicates go so the rig doesn't have to be realigned), then take it to the gas station and blow it out. Keep the air away from the front panel so it doesn't damage the meter or any fragile dial components.

Whatever dirt is left when you're done, just leave it there. It's a transceiver, not a dinner plate. <g>

73,

Jack WB3U

2346. Re: HELP - What to look for in buying a linear amplifier?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <811832721.17269@pinetree.microserve.com>
Source record: 212151

peterjs@aol.com (PeterJS) wrote:

>I'm in the market to buy my first linear amplifier (80m-10m) and would be
>interested in any feedback that folks could give me about what particular
>features to look for in a linear amplifier.

Before you buy any amplifier, new or used, check the price of replacement
tubes. IMO, anything made within the last ten years using either 3-500Z's
or 811A's is a good choice. Both tube types are readily available and
offer excellent bang for the buck.

73,

Jack WB3U

2347. Re: ts-520 low plate current above 7 Mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: mkelly@brisbane.DIALix.oz.au
Message-ID: <443cagrvf1@brisbane.DIALix.oz.au>
Source record: 212002

Always replace the driver first in these rigs. Very often it is
all that's needed. Tune up again after, of course. The 6146 is
really rugged but the 12BY7A seems to drop of quite quickly.

Of course you save a bundle replacing the driver only!

Cheers.
Murray kelly vk4aok.

2348. Re: Azden

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: flamb@northnet.org
Message-ID: <443kic$ebd@aldus.northnet.org>
Source record: 212003

dave.dennett@grapevine.lrk.ar.us (DAVE DENNETT) wrote:

>Anyone have the address or phone number to call for repair service on an
>old Azden PCS2000 2M rig?

The new address for Azden service:

AZDEN CORPORATION
Communications division
147 New Hyde Park Road
Franklin Square, NY 11010

flamb@northnet.org

2349. Re: IC-706: Does it have CTCSS?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <443p6n$r9a@over.mhv.net>
Source record: 212004

Gary P. Fiber (gfiber@halcyon.com) wrote:
: i am testing a 706 right now. This is from the operating manual:

: " Each memory channel can store a tone frequency, sub audible tones or tone
: burst, and an offset frequency. Store repeater information into memory
: channels for quick and easy access to repeaters."

: Hope this helps. Also the sub tone is accessed through the front panel. I
: will be on 20 meters tommorow aroung non PST, No particular frequency
: though. I also have the AT-180 automatic tumer. i have a 20 dipole
: installed for this about 15 feet up. Listen for KF7XV

: 73' Gary KF7XV

Gary,
How do you like the rig so far? Can you give us a little review? I'm
sure there's a LOT of us that would like to know! I notice in the new
product news sheet the transmit frequencies "varies with version". What
ever THAT means. How many different versions ARE there of this rig?!
There's also a LOT of options for the rig as well.

Tom - KB2SMS

2350. Ham View Product Demos on the WEB

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: Paul Keezer <logview@keez.tiac.net>
Message-ID: <443rkf$sj6@sundog.tiac.net>
Source record: 212005

Ham View Products has a WWW page with latest releases and
demonstration downloads. You can get there through
http://www.tiac.net/users/pkeezer/hamview.htm This page will
be updated regularly with new Amateur material. The latest
downloadable stuff includes:
Version 5 release for Win95
Demo Version 5 Log View
Cluster help file.
gd dx
- Paul NX1P

2351. Power Out on FT747GX

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: an364546@anon.penet.fi
Message-ID: <44453l$rv1$1@mhadg.production.compuserve.com>
Source record: 212006

I have a FT747GX that is only putting out about 50-60watts on tx.
when the drive is at max. This occurs across all freqs.

Where can I find the preset to adjust the power output ?

Is it on the main board or in the metal cased RF unit ?

Jim

--
its the volts that jolts

2352. Alinco 6m Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: biekert@phoenix.phoenix.net
Message-ID: <44457c$32c_001@Bob.phoenix.net>
Source record: 212007

Are there any modifications to the Alinco DRM06 6m mobile?

Thanks
Bob

Bob Biekert Houston, Texas KA5GLX Join the Clear Lake ARC
CLARC Homepage http://www.phoenix.net/USERS/biekert/index.html

2353. Help! TH-78A Question!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: jartz@umich.edu
Message-ID: <44481s$mvi@lastactionhero.rs.itd.umich.edu>
Source record: 212008

Hi there. A fellow student here at the university brought his Kenwood TH-78A which he bought new in Hong Kong (where he is from). He gave it to me to look at and program, and I discovered something quite strange.

First of all, it _is_ at TH-78A, not a 78E. It does not have the characteristic 'Tone' button of the 78E located where the 'MONI' button should be.

The radio came with a AA cell holder - not a rechargable battery pack.

Also, the radio recieved from 50MHz to 179MHz on 2meter side, and from 400 to 512MHz on the 70cm side.. and he said he never opened it up. It also transmitted a little bit out of band, although not as far as it received.

Anyway, the radio worked fine but had one main problem. It would NOT send PL tones. I would select the tone, put it in PL mode (the little T in a box would appear in the display), and transmit. But it didn't send the tone. I tested it by turning on CTCSS on my own handheld and confirmed that no tone was being sent. His 78A also did not have CTCSS squelch-decode capabilities.

Although his manual contained no english, there was a section in spanish which we were able to fumble through. We figured out that there is an optional CTCSS decode chip available for the radio.. and we assumed that his radio dosen't have it. But it didn't say anything about the radio not being able to send PL tones without this chip.

Anyone have any information on this? He really needs it to be able to send PL tones in order to bring up the university repeater.

--
@@@
Jason N. Artz
email: jartz@umich.edu University of Michigan,
Braindead Bassoonist Ann Arbor

Are you a fan of Brocktoon?
###

2354. Alinco 610 mods needed!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: dmclean@dfw.net
Message-ID: <444c7v$23d@dfw.net>
Source record: 212009

I need the alinco 610 mods. I can't seem to find them in ant ftp sits!
--
David MClean
From the World of Ham Radio!
KC5NNV Is Clear!

2355. Turner mic wiring problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: fontam@clark.net
Message-ID: <444eeg$cnp@clarknet.clark.net>
Source record: 212010

I have an old Turner +2 mic. that looks like it was rewired internally at some at some past point in time. Does anybody know how the switch inside the mic is supposed to be wired? Thanks...73...Marc AA3JQ

2356. Re: New Yaseu HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <444g0o$d78$1@mhafm.production.compuserve.com>
Source record: 212011

The antenna connector is the opposite of the Motorola SMA connector? Not good. How is the supplied antenna since we'd be pretty much stuck with using that one?

2357. S-10B documentation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: jco@news.eng.convex.com
Message-ID: <444l63$6hm@orion.convex.com>
Source record: 212012

Does anyone have documentation for a Hallicrafters Model S-10B receiver?

Thanks,
John KN5L

2358. Re: ts-520 low plate current above 7 Mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: jeff.sumberg@sailboard.com
Message-ID: <8B1B3B4.012D001F29.uuout@sailboard.com>
Source record: 212013

All of the other suggestions are valid ones, and by the way, if you change the finals, don't forget to do the neutralization adjustment.

I would try changing the driver tube first, as the others said. But if the tubes are that old, treat the rig to a new set of tubes.

I recently found a strange problem with a rig that a friend bought at a hamfest, it was a TS-820, which has the same transmitter section as your 520 does.

The rig had low power in any of the "carrier" modes (TUNe, CW, and on the 820, FSK). The problem turned out to be the CW filter. In SSB mode it put out full power. You didn't mention in which mode you are getting low current values. This problem was not frequency dependant, as your is.

When this CW filter was removed from his rig, and placed into my 820, the problem followed it (my rig had the same low output).

I'm not suggesting this could be your problem, but if your 520 has a CW filter, try changing the jumper on the IF card to the "wide" position.

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

2359. FORSALE: Yaesu FT 707 (Perth Area)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: Paul Fry <hillsnet@iinet.net.au>
Message-ID: <4437fs$94k@classic.iinet.com.au>
Source record: 212014

FOR SALE!!!!

Yaesu FT 707 HF SSB,AM,CW Transceiver in excellent condition.
Covers 10, 12, 15, 17, 20, 30, 40 and 80 metre bands.

Excellent value at only $390

For further enquiries email hillsnet@iinet.net.au

2360. HELP!!PAKRAT FOR WIN.HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: james brinza <jbrinza@earth.execpc.com>
Message-ID: <444kne$2fc@homer.alpha.net>
Source record: 212015

I have PC Pakrat 2.0 for win.My question is about ANSI graphics.
I am able to recieve them but how do I send files in color? Nothing fancy
just want to be able to add color to a couple of my macros.Thanks ...

.................DE..N9KUD..(JIM).73

2361. IC725MOD?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: Timothy_Cadigan@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_950924_223300_673a7e16@fidonet.org>
Source record: 212016

Jim,
Saw your note. Send me an address and I'll send you
a copy of the mod, it is not too hard. When I got my
725 a few years ago I was still active in MARS. The mod
took all of 30 min to do (this in the hands of a biologist).
Good luck
73
Tim Cadigan (fidonet return)
or
CADIGAN@GUVAX.GEORGETOWN.EDU

2362. KANSAS CITY HAMFEST OCT.21st 1995

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: Bud <budburr@solar.sky.net>
Message-ID: <442rut$h1r@alpha.sky.net>
Source record: 212017

THE SOUTHSIDE AMETEUR RADIO CLUB
presents a

Hamfest.......8:00 am to 2:00 pm Saturday Oct 21st

Just south of Kansas City in Grandview MO.

Take 71 Highway south to the Main/Highgrove St exit.
Go East 1.2 miles to Manchester St.
Go North 0.6 miles to the Grandview East Jr. High School.
Talk-in is on the 147.120 repeater.

Cash Prizes! Cash Prizes! Cash Prizes! Cash Prizes
(You don't have to be there to win)

Tickets are 4 for $5.00 in advance and 3 for $5.00 at the door.
Single tickets are $3.00

Tickets are available from Beryl Masters WB0EJJ in Kansas City.

Tables are available for $12.00 from Frank N0GXO (816)331-7338 or
by mail at: S.S.A.R.C.
PO Box 1142
Grandview MO
64030

W5YI VEC Exams will be by pre-registration.

Code Tests @ 10:00 am and 11:20 am
Theory @ 12:00 noon and 1:00 pm

IF you want to take a test, send a completed 610 form to:

EXAM REGISTRATION
PO Box 12757
North Kansas City, MO
64116

2363. Icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: jedc@midcoast.com.au
Message-ID: <DFEEIA.Crx@online.tmx.com.au>
Source record: 212018
Cross-posted to: rec.radio.amateur.equipment,aus.radio.amateur.misc

Like many of my fellow hams I too lust after the 706 , but can anyone
tell me why we, in Australia , have to shell out A$2600 for the beast
, (US$2000) while in the US the reported price will be $1300?
It seems to me that ICOM Australia is taking the "P"
Replies to me with your credit card number and date of expiry :-)

2364. Re: Icom IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <442cqn$992@news.halcyon.com>
Source record: 212085
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

meyer,

What do you mean with problems. What kind of problems ? The radios were not even produced until August 1995. They have been in europe for about 3 weeks. If you care to e-mail 75540.525@compuserve.com. I am sure ICOM would like to know about the " supposed problems that have been occuring for many months know. "

73' Gary

2365. Re: Icom IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: ross langridge <carters@igrin.co.nz>
Message-ID: <44353r$i8n@newsource.ihug.co.nz>
Source record: 212086
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Just for your reference, The Icom IC-706 HF/VHF Transceiver is available
here in New Zealand (South Pacific Ocean...Just in case you wondered!!)
at the moment.
What a cute toy!
Price: NZ$2416.00
Currency Conversion Factor= NZ Dollar = US .62 cents.
Its cheaper for you to wait considering the conversion factor
Cheers.

Ross
ZL1RL

2366. Re: Need your input for Surplus Land Mobile Radio FAQ

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: John Bowers <bowers@tyrell.net>
Message-ID: <Pine.SUN.3.91.950923231214.25157A-100000@tyrell.net>
Source record: 212087
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Tom
read your msg on putting these older radios back in service on the ham bands. My son and I bought some Motorola Mitreks and are converting them. These were a matter of recrystaling and replacing one cap and rewinding a small coil. All this is done in the frequency elements and then retuning the radio. I have had good luck with the first one (just finished it).

I would like info on the conversion of a 450 Mhz MICOR.

Let's discuss

John K9UTK

On 19 Sep 1995, Tom Randolph wrote:

>
> What the heck, let's make it official:
> I'm willing to compile a FAQ, all about those surplus police and taxicab
> radios and converting them for ham-band use... you know, the ones you always
> hear on the air 'cuz somebody converted one: Motorola Mitrek, GE Master II,
> Phoenix, Delta, blah, blah, blah. There's dozens of these things available for
> cheap money, and I'm sure a lot of us would like to know which ones to look
> for, and which to skip over, as their performance often beats the imported
> synthesized rigs!
>
> In particular, what I want to get is information on how to identify the
> particular models, what band they're on, crystal or synth, whether they're an
> easy conversion, need a fair amount of work and skill, or are impossible, and
> how to tell all of this by looking at them and reading the model/serial
> numbers. Also, it'd be good to know if a full manual with schematics and
> tune-up procedure is available, from either the manufacturer or a Sam's
> photofact type publication.
>
> I don't really want to start a database of HOW to do the mods. That would be
> difficult without graphics, and would occupy megabytes! This should be fairly
> easy to deduce from the tune-up procedure and other details in the manual.
>
> WHY do this?
> 1) I'm interested - I've passed over a lot of these at fleas, for lack of any
> information about what I was looking at.
> 2) It doesn't seem to exist anywhere else. A lot of hams have some knowledge
> about some radios, no one has written it all up.
> 3) Put these radios back to work, and save them from the scrapyards!
>

> So there it is... all info, pointers, literature references appreciated! Send
> to me at: randolph@est.enet.dec.com
>
> -Tom R. N1OOQ randolph@est.enet.dec.com
>
>

2367. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDFDx4u.K40@netcom.com>
Source record: 212088

Jay Maynard (jmaynard@admin5.hsc.uth.tmc.edu) wrote:

: Do you demand that all cb/scanner stuff not show up at your local swapfest,
: too?

: The idea is that rec.radio.swap is the online swapfest. Just as you can find
: lots of different types of electronics at a swapfest, so can you in
: rec.radio.swap. If you don't want what a particular seller has on his table
: (in his post), then walk past it.

: This group was cast as having no forsale posts for a reason: because that
: allows sites that prohibit their use for personal monetary gain (and yes,
: there are some, primarily in the government) to carry this group and not
: carry r.r.s, and thus keep themselves out of trouble. If you insist on
: posting for sale messages to this group, those sites will drop it. You may
: not like that state of affairs, but it's reality.

This post, the above paragraph in particular, is the best of the group.
Instead of simply restating what the charter says, Jay gives good reasons
why "for sale" ads shouldn't be posted in the rec.radio.amateur.* hierarchy.

The time has come to do one of two things: go through the formal process to
create a new newsgroup, or drop the subject...forever.

I'm not that familiar with the process, other than knowing that a new group
is first proposed on alt.config, followed by a request for discussion, then
a call for votes. Gary, it sounds like you have the appropriate knowledge.
What does everyone think? Continued debate on this topic is pointless.

Here's my informal proposal:

Create the new group rec.radio.amateur.forsale. This naming convention is
widespread on the Net, is more intuitive than .swap, and maybe it will
alleviate the posts to other parts of the hierarchy.

All suggestions, flames, etc. are welcome.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

2368. Re: IC725MOD?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <442cvf$992@news.halcyon.com>
Source record: 212089

Cut D 5 on the PLL board. That will open the 725 up

73' Gary

2369. Re: IC-706: Does it have CTCSS?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <442db5$992@news.halcyon.com>
Source record: 212090

i am testing a 706 right now. This is from the operating manual:

" Each memory channel can store a tone frequency, sub audible tones or tone burst, and an offset frequency. Store repeater information into memory channels for quick and easy access to repeaters."

Hope this helps. Also the sub tone is accessed through the front panel. I will be on 20 meters tommorow aroung non PST, No particular frequency though. I also have the AT-180 automatic tumer. i have a 20 dipole installed for this about 15 feet up. Listen for KF7XV

73' Gary KF7XV

2370. Re: Help!!! Ignition Noise.....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: raf@dwroll.att.com
Message-ID: <DFE1r2.9E5@bigtop.dr.att.com>
Source record: 212091

From article <440518$m7e@newsbf02.news.aol.com>, by rickcrider@aol.com (RICKCRIDER):
> I've installed a dual band mobile rig in a 1973 Land Rover. Getting a
> popping noise on receive that varies with engine speed, not an alternator
> whine. Rover is 12 volt negative ground. Has standard ignition,
> distributor, points, etc. Hot wire for rig is run directly to battery.
> Good solid ground. Already installed modern high quality Bosch resistor
> plugs, and, new carbon core resistor type plug wires. What's next?
> Thanks......
> Rick Crider
> KD4FXA
> <rickcrider@aol.com>

I have resolved ignition noise by shielding it at the source. This is
particularly difficult for operating HF from the car. I have copper
shield (hollow braid) on my spark plug wires, and a copper box over
the distributor. This made a dramatic difference in my ignition noise
on HF.

You might also run the ground wire direct to the battery.

Richard Ferguson
KA0DXM
Boulder Colorado

My opinions are my own, not those of my employer

2371. SAMS Photofact # 273

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: mharmon@txdirect.net
Message-ID: <442h8u$d0d@nimitz.fibr.net>
Source record: 212092

Does anyone have a SAMS #273, tab 7? This is the information I need on the Hallicrafters TW-2000 receiver. I will be glad to pay copy costs and mailing if anyone can help. Please advise. Best 73, GaryHarmon/K5JWK

2372. 190.400 receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: jhoaglun@sundial.net
Message-ID: <442hp8$qfh@sundial.sundial.net>
Source record: 212093

How hard would it be to build a 190.400 reciever ???? Where could I
get the needed info to build this reciever ?

John Hoaglun
jhoaglun@sundial.net

John Hoaglun
jhoaglun@sundial.net

To surf one of the web pages that I maintain point to:

http://www.sundial.net/~wftvch9/

2373. IC-706: Does it have CTCSS?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDFDvus.AuI@netcom.com>
Source record: 212094

One thing about the new Icom IC-706: even if the HF portion is not the best, $1299 or less is a great price for a 6M/2M all-mode transceiver. I am just curious if the unit is equipped to generate CTCSS tones, and can they also be stored in the memories?

Looks like a great rig to me, but I have not been able to learn too much about it. For SSB/CW work on 2M, 10 watts is not really enough power, but it is certainly enough to drive an external amplifier.

Any info will definitely be appreciated.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

2374. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: mcduffie@unlinfo.unl.edu
Message-ID: <442ij5$36u@crcnis3.unl.edu>
Source record: 212095

jlowman@netcom.com (Jim Lowman) writes:

>Jay Maynard (jmaynard@admin5.hsc.uth.tmc.edu) wrote:

Jay's "include" deleted...

>This post, the above paragraph in particular, is the best of the group.
>Instead of simply restating what the charter says, Jay gives good reasons
>why "for sale" ads shouldn't be posted in the rec.radio.amateur.* hierarchy.

I would have to agree. However, I have to say at this point that this
is the first I have seen of the above include. My site must not be
getting all of them. The points Jay made are good ones. But, my point
still stands. See below.

>The time has come to do one of two things: go through the formal process to
>create a new newsgroup, or drop the subject...forever.

>I'm not that familiar with the process, other than knowing that a new group
>is first proposed on alt.config, followed by a request for discussion, then
>a call for votes. Gary, it sounds like you have the appropriate knowledge.
>What does everyone think? Continued debate on this topic is pointless.

If I am the "Gary" you referred to, I don't have the knowledge of how
to start a new group. But, I think it is worth considering. I still
say that I don't, and won't, wade through a bunch of non-amateur
postings to find something. That group is far too active and takes
too much time.

>Here's my informal proposal:

>Create the new group rec.radio.amateur.forsale. This naming convention is
>widespread on the Net, is more intuitive than .swap, and maybe it will
>alleviate the posts to other parts of the hierarchy.

Forsale is too confining. Are you then going to make a separate group
for WANTED and TRADE? It isn't practical. A better name is needed.
While the difference is subtle, rec.radio.amateur.trader seems more
appropriate. Just an idea.

I feel like I'm jumping into the middle of this, since I have
obviously missed some posts in the middle. However, from the use of
the name Gary, and the cb/scanner quote in the other message, I'm
assuming they are comments made in reference to my post. My apologies
if they are not. I'll butt out. :)

73, Gary McDuffie, Sr.

2375. Yaesu FT530 mod (greenwire)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: hbcsc274@huey.csun.edu
Message-ID: <442nr0$45h@nic-nac.CSU.net>
Source record: 212096

I heard something about a mod cutting the green wire inside the FT530 that
will give it extended rx. What exactly is this mod? Can someone give me
the specifics? i.e. what is the rx range? And also, I heard this mod only
works with newer radios, the older ones still need the jumper pad 13 mod.
I bought my radio about 5 months ago, will this one work?
My serial number starts with 4J301xxx.
Please reply here or by email.
Thanks a bunch!
Jerry (KE6UUX)

2376. Restoring markings on rubber buttons

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: Thomas Mitchell <thmitchell@delphi.com>
Message-ID: <RPBhG+u.thmitchell@delphi.com>
Source record: 212097

I have an ICOM P2AT. The keypad buttons are white
rubber with black markings; the markings are wearing off.
Any suggestions for renewing/replacing the markings?

Thanks.
Tom Mitchell -- KG7U

2377. Re: ElectroMagnetic Weapoms

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: viking@pacifier.com
Message-ID: <44402b$2l5@news.pacifier.com>
Source record: 212098
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

In article <43v681$87d$2@mhafm.production.compuserve.com>,
73453.1714@CompuServe.COM says...
>
>Looking for any and all information on electromagnetic pulse
>bombs and HERF (High Energy Radiated Frequency) Guns

Contact the US military or the Russian military. They both experimented
with electromagnetic pulse weapons.
--

Pacifier Online Data Service Dialup SLIP/PPP User
To register: (360) 693-0325 or telnet pods.pacifier.com

2378. Re: Icom IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep24.125236.5711@ke4zv.atl.ga.us>
Source record: 212099
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <ragnaroek1995Sep23.163408.8074@news2.compulink.com> meyer@idirect.com (meyer toole) writes:
>Apparently the 706 has been out in Europe for a few months. With problems.
>It should be out in North America in the next 2 weeks. Likely early October.
>Hopefully all problems have been dealt with.
>73,
>Meyer.
>VE3ECX

Well don't tease us, Meyer, tell us about the problems. I've been eyeing the ads thinking a 706 would fit nicely in my Jeep. But if it has problems, I'll just find a way to mount the 735 in there instead.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2379. Logbook

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: mc6972@mclink.it
Message-ID: <444832$1e6@mikasa.iol.it>
Source record: 212100
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hi all,
I need some information... Anyone here could suggest me a good
software for creating and managing an amateur-radio station logbook?
The software should preferrably run under ms-windows 3.1 and should be
shareware or even better freeware...
I appreciate suggestions on where i can find such a software, or
better if you would be so kind to post it here or to send it to my
e-mail address... :-)
Bye all,

--- ivan ---

2380. Re: Icom IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-24 00:00:00 UTC
From: meyer@idirect.com
Message-ID: <ragnaroek1995Sep24.184335.20632@news2.compulink.com>
Source record: 212101
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Gary P. Fiber (gfiber@halcyon.com) wrote:
: meyer,

: What do you mean with problems. What kind of problems ? The radios were
: not even produced until August 1995. They have been in europe for about 3
: weeks. If you care to e-mail 75540.525@compuserve.com. I am sure ICOM
: would like to know about the " supposed problems that have been occuring
: for many months know. "

: 73' Gary
Why get so defensive?
Just what I have heard on 20 meters. Usually when hams talk about these
things, they don't make it up, nor do they do it in a bad way.
Just to put you at ease, I will try to find out what problems
specifically have been reported in Europe, and get back here.
Also, somewhere in England there is a WWW site with lots of chatter about it.
Hope I haven't ruined your day or anything like that.

: Stop on by the Internet TeleCafe! telnet://telecafe.com:9000 :

2381. Re: ElectroMagnetic Weapoms

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: peterg4@ibm.net
Message-ID: <444sqh$unc@news-s01.ny.us.ibm.net>
Source record: 212019
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

In <43v681$87d$2@mhafm.production.compuserve.com>, SpyKing <73453.1714@CompuServe.COM>
writes:
>Looking for any and all information on electromagnetic pulse
>bombs and HERF (High Energy Radiated Frequency) Guns

Smith & Wesson (of firearms fame) experimented with a device many years
ago that jammed the engine electronics of a chased vehicle. I believe it was
scrapped due to the danger posed by a vehicle when it loses power assist in
the brakes and steering. I believe I saw the article in the Wall Street Journal.

2382. icom 2410 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: dbreazil@wyoming.com
Message-ID: <4454hp$flq@horn.wyoming.com>
Source record: 212020

does anyone know if there is a pot that deals with the s meter on a
2410h?
or the phone number for icom to see about getting a service manual for
the 2410

73 Don

2383. Yaesu YC-355D Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: rafaels@zimmer.CSUFresno.EDU
Message-ID: <DFFxoI.7H3@CSUFresno.EDU>
Source record: 212021

Hi all: I have a Yaesu YC-355D 30-200Mhz. frequency counter that a good friend of mine gave me as a b-day present. I don't need it and I'm thinking in selling it and buying something else (he won't mind about this!). Can someone here give me a hint of the ongoing price of this gadget? (please do not suggest me to ask my friend!)

Raphael (KE6JSR)

2384. Help - KAM/FT1000 RTTY problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: slay@netcom.com
Message-ID: <slayDFFzz3.3zL@netcom.com>
Source record: 212022
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I seem to have a problem using my KAM (v5.X) with my FT-1000.
It seems that my transmit and receive frequencies are offset
by approximately 400Hz. If you have any suggestions, they
would be most welcomed.

Set-up:

1. KAM (5.X firmware) connected using a custom cable with separate
connectors for CW key-in, Packet, and RTTY on the FT-1000.

2. FT-1000 PKT/RTTY dip switch #5 set to "reverse". At first,
the rcv was okay but the xmit was "inverted". Changing this
dip switch on the top of the FT-1000 at least made both sending
and receiving "intelligible" (with another local station).

3. Software is Host Master for Macintosh 2.2b. (yep - that's right, I
use a Mac :-)

Any suggestions what I ought to try next? To be frank, I don't recall
ever operating RTTY (nor amtor/hf packet) with the KAM/FT-1000 combo.
I have used the KAM on RTTY in the past with my FT-757GX/II ... but
it's been a couple of years since I've tried HF digital. ;-(

Cheers
Sandy WA6BXH
WA6BXH@N0ARY
slay@netcom.com

2385. 13" Pro Am scanner antenna ok for 2m transmit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: maverick@csulb.edu
Message-ID: <445f0c$rkc@garuda.csulb.edu>
Source record: 212023

Hi,

I was wondering if anyone knew if the Pro Am 13" scanner antenna (its a mobile mag mount made by Valor), is okay to transmit 2 meter at 5 watts, without damaging the HT? The package claims it works and is safe, but I want some 2nd opinions.

Feel free to reply to me directly if you wish. Thank you for the advice.

Sincerely,

Hiran

2386. Re: NEWMARKET HAMFEST - Saturday, November 11

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: john <89421@udel.edu>
Message-ID: <447ecr$kfd@news.udel.edu>
Source record: 212024
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,alt.radio.scanner,rec.radio.scanner

The ultimate hamfest at least in the US already flew by--FAR FEST which was held in Montgomery County, Maryland, in Gaitherburg. Everyone up to their third cousin in-law attended. If anyone missed that, there is none other so wait until next September.

john

2387. Re: Do 2m HTs TX beyond 144-148 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <446jit$46to@info4.rus.uni-stuttgart.de>
Source record: 212025
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

>Many HT's can be modified to transmit beyond their "normal" range. However
>modifiying amateur equipment to do this is generally illegal.

Geoff,

Seems you have not understood the basic concept of amateur radio.
Amateur radio is by definition experimental, with the effect that
you are entitled to built and operate transmitting equipement.

(In some countries having built a TRX is a requirement)

As a result, the transmitting range of amateur radios is not
subject to regulations (In fact *all* commercial HF TRX are capable
of out of band transmissions)

The point is that responsibility not to actually transmit out
of band rests totally with the licensee.

73, Moritz DL5UH

2388. Re: Looking for first handheld, suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDFH7AD.94n@netcom.com>
Source record: 212026
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: machines in your area require CTCSS for access (fairly unusual in
: most areas), look elsewhere for a radio. (You can fit a CTCSS encoder,
: but you'll be stuck opening the rig to change the tone, and that can
: be a pain if you use several machines that each have a different
: access tone.)

Or you can do as I did: get the Comspec CTCSS encoder that uses a DIP switch
to set the tone and cut a hole in the HT's case to poke the DIP switch
through. Then you can change tones at will without opening the rig.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

2389. Re: anybody have an FT-10R yet?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: KGTS43A@prodigy.com
Message-ID: <445v13$1f1o@usenetw1.news.prodigy.com>
Source record: 212027

Bought mine this weekend at the Virginia Beach Hamfest. There are four different keypads available, and I bought the one that allows 99 memories, DCS (digital coded squelch), DTMF memories, etc. Cost was about $275.

Witht the high-power battery the unit is a little large (deep), but the 600mah
battery makes the unit fit nicely in your hand. Each battery has a rather rugged belt clip built-in, which tends to make the unit feel a little deeper than it is.

Most outstanding feature is RX audio, which is wonderful and a great change from other small radios. Amazingingly loud and clear.

Unit seems to program much like other Yaesu products. The pot on the top of the unit utilizes a concentric knob for volume, and can be pushed in to go into a setup mode. Seems handy and programming the unit was a breeze (although admittedly, I have had a number of Yaesu HTs before).

TX audio seems very good, too.

Unit itself appears to be exceedingly rugged and more like a commercial HT than an amateur-band unit. The front bezel looks like it might scratch, though.

Intermod rejection at the fest seemed excellent. RX sensitivity seemed somewhat better than the 51 (subjectively) with the stock antenna, especially out-of-band.

I have only had a little time to play with it, and will try to post something more later.

73, Tom N9CGD

2390. Re: anybody have an FT-10R yet?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: KGTS43A@prodigy.com
Message-ID: <445v6m$1cu0@usenetw1.news.prodigy.com>
Source record: 212028

Oh, and I forgot: the manual states that the digital recording unit can be used to play back over the air.

73, Tom N9CGD

2391. FT727r mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <446fro$fn4@newsbf02.news.aol.com>
Source record: 212029

Wonder if anyone is aware of any mods for the ft727r HT?

73's Mike KS4DA

2392. IC-W31E Extended Recieve ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: grco@diogenes.hcuge.ch
Message-ID: <1995Sep25.151357.6148@news.unige.ch>
Source record: 212030

Does anybody knows if the ICOM W31E is able to get out of the
144-146 Mhz or 430-440 Mhz. I want to know if it is possible to use it as a
marine transciever ? Or reciever at least ?

Thanks and 73 HB9-VJT

Gregoire COSENDAI, grco@diogenes.hcuge.ch

2393. IC-W31E Extended Recieve ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: grco@diogenes.hcuge.ch
Message-ID: <1995Sep25.151403.6206@news.unige.ch>
Source record: 212031

Does anybody knows if the ICOM W31E is able to get out of the
144-146 Mhz or 430-440 Mhz. I want to know if it is possible to use it as a
marine transciever ? Or reciever at least ?

Thanks and 73 HB9-VJT

Gregoire COSENDAI, grco@diogenes.hcuge.ch

2394. Re: 13" Pro Am scanner antenna ok for 2m transmit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <812040511snz@microvst.demon.co.uk>
Source record: 212032

In article <445f0c$rkc@garuda.csulb.edu>
maverick@csulb.edu "Hiran C. Fernando" writes:

> I was wondering if anyone knew if the Pro Am 13" scanner antenna (its a
> mobile mag mount made by Valor), is okay to transmit 2 meter at 5 watts,
> without damaging the HT? The package claims it works and is safe, but I
> want some 2nd opinions.

No modern HT should be damaged by even a very mismatched antenna. And the
comments on your package should further reassure you of this.

A question you don't ask is whether is will work well. And this is just
as well as I don't know the answer :-)

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2395. Re: Icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep25.141155.10694@ke4zv.atl.ga.us>
Source record: 212033
Cross-posted to: rec.radio.amateur.equipment,aus.radio.amateur.misc

In article <DFEEIA.Crx@online.tmx.com.au> jedc@midcoast.com.au (Arthur Clampitt) writes:
>Like many of my fellow hams I too lust after the 706 , but can anyone
>tell me why we, in Australia , have to shell out A$2600 for the beast
>, (US$2000) while in the US the reported price will be $1300?
>It seems to me that ICOM Australia is taking the "P"

Just guessing, but you may have an import duty or a hidden VAT in
that price that we don't have. You're also a lower volume market
which may mean higher markups are required.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2396. Re: Help - KAM/FT1000 RTTY problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: wa6ube@aol.com
Message-ID: <446o0m$i90@newsbf02.news.aol.com>
Source record: 212034
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Any suggestions what I ought to try next? To be frank, I don't recall
ever operating RTTY (nor amtor/hf packet) with the KAM/FT-1000

---> You might check to see if your transmit frequency is shifting becuase
the radio itself is changing frequency due to variation in power supply
voltage..

I have run into this problem where the power supply voltage drops under
transmit
load. This could be a cause of a shift in frequency..

Patricia gibbons - wa6ube
WA6UBE@aol.com "The Vertical Skywave Girl"

2397. Icom 706 duty cycle?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <446ovi$iij@newsbf02.news.aol.com>
Source record: 212035

Anyone know what the duty cycle is for the 706?
-Mike KS4DA

2398. Re: Yaesu FT530 or FT51-R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: garyej@aol.com
Message-ID: <446t5e$jts@newsbf02.news.aol.com>
Source record: 212036

I bought a FT51-R at the Huntsville ,Alabama Hamfest this year.I am very satisfied with my radio . No problems with my radio heating up that I have noticed so far.
Great Radio ..

2399. Re: HTX-202 strange problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: DYYP81A@prodigy.com
Message-ID: <4470l7$q20@usenetz1.news.prodigy.com>
Source record: 212037

Tom;
I have a Radio Shack HTX-202, and have had no trouble at all with it, and have spoken with many other owners who also are very happy with it. Rather than looking for complicated solutions, may I suggest that perhaps the radio you wrote of was simply a rare lemon? Did it get repaired or replaced?

73s! Dan KE6VKP

2400. Which 2m HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: pridgent@pinn.net
Message-ID: <4474uq$c2c@everest.pinn.net>
Source record: 212038

Looking to purchase a good basic 2m HT...Will appreciate your suggestions
and experience. I don't need all the bells and whistles but would like
to use repeaters to phone patch, and etc.
Email:pridgent@pinn.net
73

--

2401. Re: FT-26 mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <447aqh$al@giga.bga.com>
Source record: 212039

I have found the mods in FTP files on the web @ http://www.andrews.edu/~beaman/ham.html
look in the radio mods by manufacturer (boston radio club) ftp files.
Thanks, Matt/KK5DR

2402. Re: FT-2200 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <447atk$al@giga.bga.com>
Source record: 212040

mods found! http://www.andrews.edu/~beaman/ham.html in radio mods by manufacturer FTP files
Thanks, Matt/KK5DR

2403. Re: New Yaseu HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: KGTS43A@prodigy.com
Message-ID: <445va3$15oa@usenetw1.news.prodigy.com>
Source record: 212041

>
>The rig doesn't use a BNC antenna connector. It uses a screw-in
connector
>that I've never seen before--like the screw-in connectors on Motorola
>HT's, only the opposite gender.
>
The screw-in connecter is a standard SMA adapter - same as used by
Standard and Icom for their new "mini" offerings.

73, Tom N9CGD

2404. Re: Help - KAM/FT1000 RTTY problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: subich@ramlink.net
Message-ID: <447cfs$mfh@ram2.ramlink.net>
Source record: 212042
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

In <slayDFFzz3.3zL@netcom.com>, slay@netcom.com (Sandy Lynch) writes:
>I seem to have a problem using my KAM (v5.X) with my FT-1000.
>It seems that my transmit and receive frequencies are offset
>by approximately 400Hz. If you have any suggestions, they
>would be most welcomed.
>

It's likely that your KAM and the FT-1000 are not set for the same tones.
I recall the default MARK frequency is 2125 Hz in the FT-1000 while KAM
uses 1600 Hz (525 Hz offset). Check the respective manuals to set the
two devices for the same tones.

... Joe Subich, AD8I
(subich@ramlink.net)

2405. Re: New Yaseu HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1995Sep25.151706.381@nad.com>
Source record: 212043

In article <445va3$15oa@usenetw1.news.prodigy.com>, KGTS43A@prodigy.com (Thomas (n9cgd) Doligalski) writes:
>>
>>The rig doesn't use a BNC antenna connector. It uses a screw-in
> connector
>>that I've never seen before--like the screw-in connectors on Motorola
>>HT's, only the opposite gender.
>>
> The screw-in connecter is a standard SMA adapter - same as used by
> Standard and Icom for their new "mini" offerings.
>
> 73, Tom N9CGD

Good. At least they used something standard - not like the bastard threaded RCA plugs that the old Kenmore handheld antennas used.
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

2406. Icom IC-2GXAT mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: jmonty@spectra.net
Message-ID: <447h9h$dnd@news.spectra.net>
Source record: 212044

Anyone out there with mods for this radio please email them to
me. TNX. 73
John Monty N2ULN

2407. GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: shc@mthost2.mt.att.com
Message-ID: <DFHAwz.IGo@nntpa.cb.att.com>
Source record: 212045
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

I'm looking for opinions on various GMRS radios available out in the market. I'm particular interested in pros/cons with VHF/UHF, size, price, and mail order outfit.

Please post or email if you can help.

Thanks in advance...

- Steve

==
Stephen Chu
AT&T

Internet : shc@mtgbcs.att.com
==

2408. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: Jory McIntosh <Mcintosj@ziavms.enmu.edu>
Message-ID: <1995Sep25.212317.9451@oasis.enmu.edu>
Source record: 212046

The HTX-202 is a very good rig for a new ham. It only has two small problems. First, it does not have the extended recieve that most of the other 2 meter handies have.

Secondly, it is very difficult to use it on packet. If you are planning to use it with a baycom tnc, FORGET IT! Some tnc's how ever have little trouble working with the 202.

One very important thing! If anyone tells you that it is possible to mod the 202 for extra recieve and transmit, TELL THEM THAT THEY ARE CRAZY! Congrats on the new ticket 73 - Jory McIntosh - KB5UBS

2409. Info on Radio "Multi-elmac af-68 Tran-citer"

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: ccaravan@calvin.stemnet.nf.ca
Message-ID: <ccaravan.7.306762AD@calvin.stemnet.nf.ca>
Source record: 212047

I have a Multi-elmac AF-68 Tran-citer and power supply that I bought at a Flea Market, I don't have a Manual, cable to connect the two, or any Idea how or if it works.

I would appreaiate any information anyone might have regarding this Radio.

Chad Caravan
Chad Caravan Computer Consulting, sales & service.

ccaravan@calvin.stemnet.nf.ca
ccaravan@nlnet.nf.ca

2410. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: rsmits@ham.island.net
Message-ID: <092595194124Rnf0.79b6@ham.island.net>
Source record: 212048

mcduffie@unlinfo.unl.edu (Gary McDuffie Sr) writes:

>rickc@enet.net (Rick Checketts) writes:
>
>> By the volumn of FS and WTB headers those FYI e-mailers must be busy.
>>Sounds like it's time to change the Charter.
>
>I second that motion. I took a look over there on r.r.s. and I have
>no interest in reading through all the scanner and cb crap to find ham
>gear. This looks like the perfect place to post fs/etc ham gear to
>me.

All the CB's and scanners? I just looked at the last 232 articles still on my system - and there are two for CBs and 3 scanner ads. The perfect place to post ham radio related buy and sell messages is rec.radio.swap, not here. THAT'S WHY IT'S THERE!!!

--
rsmits@ham.island.net (Robert Smits)

Of course, if a rider is of the mechanically declined persuasion, this sort of modification is best left to professionals - Chuck Rogers

2411. Re: icom 2410 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <447nti$a08@bighorn.accessnv.com>
Source record: 212049

Don Breazile (dbreazil@wyoming.com) wrote:
: does anyone know if there is a pot that deals with the s meter on a
: 2410h?
: or the phone number for icom to see about getting a service manual for
: the 2410

: 73 Don

Icom Customer Service number is (206) 454 7619 - this is answered directly by technicians in customer service ... they should be able to answer your pot question, and get a service manual on order for you.

73,

"Squeak" Porray, AD7K
Manager AES/Las Vegas

2412. Opinions - voice keyers?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-25 00:00:00 UTC
From: jdy18@aol.com
Message-ID: <447fk2$qvi@newsbf02.news.aol.com>
Source record: 212050

I would appreciate hearing from anyone using an MFJ-432 voice keyer or other voice keyers -- pros and cons.

73 de Jay,
KD2L

2413. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <447gom$d8h@vivanews.vivanet.com>
Source record: 211952

Stephen A. King (sking1@ix.netcom.com) wrote:
: jlowman@netcom.com (Jim Lowman) wrote:

: >: .. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for."
: >
: >: Just wanted to clear that up. ;)
: >
: >I did not question the content of the charter, just suggested that:
: >
: >1) ...rec.radio.swap may not be the most intuitive name for the newsgroup.
: > Lots of users post without reading the charter; some just do not care
: > and

: This certainly is not the "best of name" for HAM radio. As another
: poster stated, it would be very foolish to think that any conference
: with a "radio" in the name would be **only** about HAM radio.

It would be rather silly to segregate rec.radio.swap into multiple groups. Personally, I like seeing the ads for R-390's, scanners, etc. It's not exactly a strain to skip over the ones I'm not interested in.

: There is a conference called "rec.ham-radio.swap" that I get and there
: has **never** been one message in it. I have subscribed to this
: conference for over 2 months now, and nothing is ever in it.

That's because it's a bogus group. Your news administrator apparently isn't taking the time to ensure that only valid group are offered.

: >2) ...that some users, on many newsgroups, take things far too seriously.
: > Posting "for sale" ads on this newsgroup is not the end of the world.

: Isn't that the truth!

No, but it's extremely rude, especially to the people who pay for their news feeds, and aren't interested in getting the FS messages. It doesn't take a rocket scientist to figure out that a "swap" or "sale" group is the appropriate place to post such messages.

: As another poster stated, with the amount of FS/WTB traffic, the so
: called "charter"

It's not "so-called." That's the proper term.

: should change with he "desires" of the users (as is
: obvious by the traffic).

It's far from obvious, as most people are polite enough to respect
the charter of the group. Those who aren't polite enough, or are just
too lazy to change their newsreader to the correct group, simply
make themselves look like idiots.

: Of course, that may be too difficult for
: those in charge of the conference to understand!

First of all, there is nobody in charge of this group. Secondly,
there is a long-established mechanism available for modifying group
charters and creating new groups. Check out news.answers for the
relevant details.

Rich Mulvey, N2VDS Rochester, NY USA
mulveyr@vivanet.com
n2vds@net.wb2psi.ampr.org
n2vds@wb2psi.#wny.ny.us

2414. Re: * This Group Is Not For Sales or Purchases *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <447g6t$d8h@vivanews.vivanet.com>
Source record: 211953

Gary McDuffie Sr (mcduffie@unlinfo.unl.edu) wrote:
: rickc@enet.net (Rick Checketts) writes:

: > By the volumn of FS and WTB headers those FYI e-mailers must be busy.
: >Sounds like it's time to change the Charter.

: I second that motion. I took a look over there on r.r.s. and I have
: no interest in reading through all the scanner and cb crap to find ham
: gear. This looks like the perfect place to post fs/etc ham gear to
: me.

Far from it. As soon as more people see the FS and WTB adverts here,
THIS is where they'll start dumping the scanner and CB postings.
Not to mention that turning this into a semi-official for-sale group
will leave us without a group for asking and answering legitimate
questions about equipment.

Rich Mulvey, N2VDS Rochester, NY USA
mulveyr@vivanet.com
n2vds@net.wb2psi.ampr.org
n2vds@wb2psi.#wny.ny.us

2415. Re: Info on Radio "Multi-elmac af-68 Tran-citer"

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: ifcw334@ccwf.cc.utexas.edu
Message-ID: <447s77$pnd@geraldo.cc.utexas.edu>
Source record: 211954

In article <ccaravan.7.306762AD@calvin.stemnet.nf.ca>, ccaravan@calvin.stemnet.nf.ca (Chad Caravan) says:
>
>I have a Multi-elmac AF-68 Tran-citer and power supply that I bought at a Flea
>Market, I don't have a Manual, cable to connect the two, or any Idea how or if
>it works.
>
>I would appreaiate any information anyone might have regarding this Radio.
>
>
>Chad Caravan
>Chad Caravan Computer Consulting, sales & service.
>
>ccaravan@calvin.stemnet.nf.ca
>ccaravan@nlnet.nf.ca
>

The AF-68 is a 160-10 AM-CW-PM transmitter of late 50s vintage, both VFO and crystal controlled, at about 50 watts output. It had a companion receiver called the PMR-8 and DC power supply for the car. Not much more to say about it except that it was a standard osc-driver-final xmtr of the period and that the plate modulation was excellent. I used an AF-67/PMR-7 combination (earlier version of the same radios) on 160 meters in Corpus Christi, Texas in the early 60s. We also used it during Field Day in 1962 at Rattlesnake Point on Aransas Bay at the W5MS Club in Corpus. The glow was beautiful at night from the large dial plate of the AF-67 and the little square box of the PMR-7.

Bob Logan, NZ5A

2416. Re: Do 2m HTs TX beyond 144-148 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: wt2@prism.gatech.edu
Message-ID: <448drp$k77@sundial.gatech.edu>
Source record: 211955
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

gsmlrn@gsm001.mendelson.com (Geoffrey S. Mendelson) said:
> Examples of these are Motorola Sabers and Visars. The cheaper Motorola
> radios such as the ht600/p200 would not receive well over such a large
> range and you would have to sacrifice sensativity on both bands.

Actually, of the all the HT600 / P200 / MT1000, I have worked on over the years, most, if not all, would handle a band split this wide quite easily.

In my MT1000, 99ch. I have freqs from 144-163. Works quite nicely Thank You.
--
Sgt. Bill Thompson / KC4ZUB <0> wt2@prism.gatech.edu
Georgia Tech Police Dept. Atlanta GA. <0> The Olympic Village Police Dept.
Money buys things, Power makes things happen. Given a choice, always take Power.-->Roger Zelazny <0> LOOK, I AM THE DAMN NRA!

2417. Re: Icom IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <448oto$54r@solaris.cc.vt.edu>
Source record: 211956
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

You will note that the reason he is defensive is that he bought one or has some deal testing one(see other message from him saying he will be on the air with one). It is a common human trait to believe you did the right thing. What amazes me, however, is how hams seem to be getting all excited about anything that is new, or for that matter, claims to be new and hot. It has been interesting to read messages here and on other nets that demonstrate great excitement about new radios only, as far as I can gather, because they are new. We hear comments like; "it is a dream radio", "it sure looks great", "the layout of the front panel is really cool" and so on. I guess hams are not interested anymore in good, solid basic radio performance. Instead they want cute, little, barn door front ends with lots of little glowing lights and complicated menus. Seeing the responses to the 775, 1000MP, 870, 706 and so on demonstrates this quite well. It shows that the manufacturers know what buttons to push (no pun intended) and that their marketing is excellent. It has been my experience (I've owned 18 different HF rigs and was a victim of this mentality) that new is not better and new rigs genrally have gremlins. Despite this, the demand is generated by marketing and the make it cute concept. It amazes me how hams will stand in line for something that only claims to be good or even makes no technical specification claims of any importance at all!

2418. Re: Do 2m HTs TX beyond 144-148 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep26.155044.14813@ke4zv.atl.ga.us>
Source record: 211957
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <446jit$46to@info4.rus.uni-stuttgart.de>
moritz@ipers1.e-technik.uni-stuttgart.de () writes:
>>Many HT's can be modified to transmit beyond their "normal" range. However
>>modifiying amateur equipment to do this is generally illegal.
>
>Seems you have not understood the basic concept of amateur radio.
>Amateur radio is by definition experimental, with the effect that
>you are entitled to built and operate transmitting equipement.
>
>(In some countries having built a TRX is a requirement)
>
>As a result, the transmitting range of amateur radios is not
>subject to regulations (In fact *all* commercial HF TRX are capable
>of out of band transmissions)
>
>The point is that responsibility not to actually transmit out
>of band rests totally with the licensee.

You're right Moritz, it isn't illegal to do the modification, just
illegal to use the modified radio outside the amateur bands. Of course,
there seems little point in doing the mod if you aren't going to use the
radio. In some cases, the FCC has declared that possession of radio
equipment capable of being operated illegally is prima facia evidence
of intent to violate the law. I'm thinking here of modified amateur
equipment capable of operating in the Class D CB band, but that could
also apply to HTs modified to violate the ECPA or perhaps to those
modified to operate where they aren't Type Accepted. There's no guiding
case law yet in these latter situations, but if the abuses continue,
there might be.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2419. Re: Looking for first handheld, suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep26.155647.14908@ke4zv.atl.ga.us>
Source record: 211958
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <jgardnerDFH7AD.94n@netcom.com> jgardner@netcom.com (Jerry Gardner) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>: machines in your area require CTCSS for access (fairly unusual in
>: most areas), look elsewhere for a radio. (You can fit a CTCSS encoder,
>: but you'll be stuck opening the rig to change the tone, and that can
>: be a pain if you use several machines that each have a different
>: access tone.)
>
>Or you can do as I did: get the Comspec CTCSS encoder that uses a DIP switch
>to set the tone and cut a hole in the HT's case to poke the DIP switch
>through. Then you can change tones at will without opening the rig.

Yeah, you can. The neatest way is through the bottom, but you have
to slide the battery off to get to the switches. It still is a pain
compared to being able to store the tone with the frequency in a
memory.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2420. Re: Help - KAM/FT1000 RTTY problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: grhosler1@mmm.com
Message-ID: <4490vh$eiq@dawn.mmm.com>
Source record: 211959
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I have just gone through some problems with my KAM+ and IC-765 combo that may be of help to you. First of all I had to go into the KAM+ configuration and change the filters for mark and space. The KAM+ as shipped from the factory is not set properly for FSK standards. The second area is the watchdog timer in the KAM+. I found that the IC-765 would drop out of Xmit while the Xmit buffer in the KAM+ was still spewing out characters. On the advice of a friend (K0RC - Bob) I scanned the KAM+ manual for reference to a watchdog timer. Sure enough the KAM+ is equipped with timers for both the VHF and HF ports. This timer will cut the PTT line if you try to transmit for more than 2.5 minutes straight! To disable the HF watchdog timer, open up the KAM+ and locate the K4 header (K5 is the VHF watchdog). Place the K4 header over BOTH pins to disable the timer. No sweat! Works FB now. GL & 73'sslay@netcom.com (Sandy Lynch) wrote:

>I seem to have a problem using my KAM (v5.X) with my FT-1000.
>It seems that my transmit and receive frequencies are offset
>by approximately 400Hz. If you have any suggestions, they
>would be most welcomed.
>
>Set-up:
>
>1. KAM (5.X firmware) connected using a custom cable with separate
> connectors for CW key-in, Packet, and RTTY on the FT-1000.
>
>2. FT-1000 PKT/RTTY dip switch #5 set to "reverse". At first,
> the rcv was okay but the xmit was "inverted". Changing this
> dip switch on the top of the FT-1000 at least made both sending
> and receiving "intelligible" (with another local station).
>
>3. Software is Host Master for Macintosh 2.2b. (yep - that's right, I
> use a Mac :-)
>
>Any suggestions what I ought to try next? To be frank, I don't recall
>ever operating RTTY (nor amtor/hf packet) with the KAM/FT-1000 combo.
>I have used the KAM on RTTY in the past with my FT-757GX/II ... but
>it's been a couple of years since I've tried HF digital. ;-(
>
>Cheers
>Sandy WA6BXH
>WA6BXH@N0ARY
>slay@netcom.com
>

2421. 2m Mobile decided: Kenwood 241A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: Xingde Jia <jia>
Message-ID: <4493i8$6pa@central.server.swt.edu>
Source record: 211960

--- I purchased Kenwood 241A for my car yesterday! ---

Thanks to those who responded to my post regarding 2m mobile radios.
Most people responded thought Kenwood 241A is a nice solid radio.

Now I have my radio, I need your input on car antennas. I think I
am ready to drill a hole on my car if necessary. Thank you for any info or
comments.

73, Jia KC5QLS
==========
Xingde Jia Phone: 512-245-3445
http://erdos.math.swt.edu Fax: 512-245-3425

2422. HF rig on battery power. Erratic output. Suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: scicon@ix.netcom.com
Message-ID: <449754$rpj@ixnews6.ix.netcom.com>
Source record: 211961

I am trying to run my Atlas 210x rig from a 6.5 AH gel-cell battery in my version of the 'camper's portable ham shack' I built from an article in QST (I think it was last April).

The problem is that I can't get the rig output power to stabilize. It's very erratic, jumping from 4 to 50 watts. Of course when it jumps up, it sucks the battery dry! When I turn the knob my power meter jumps all over the place. I'm trying to get it to run at 5 watts, but it won't stay.

When I connect the rig back to the power supply in the shack, it works normally, allowing smooth, stable output adjustment from 1 to 100 watts.

What am I doing wrong?

Do I need a ground rod? Do I need to put filter capacitors in the battery supply line?

I don't have any experience running an HF rig on battery power (outside of a vehicle), so I'm probably missing the obvious.

Thanks and 73 de Dan, KE6LBX

2423. Re: HF rig on battery power. Erratic output. Suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: raf@dwroll.att.com
Message-ID: <DFIxuu.ByG@bigtop.dr.att.com>
Source record: 211962

From article <449754$rpj@ixnews6.ix.netcom.com>, by scicon@ix.netcom.com (Dan Walker):
> I am trying to run my Atlas 210x rig from a 6.5 AH gel-cell battery in
> my version of the 'camper's portable ham shack' I built from an article
> in QST (I think it was last April).
>
> The problem is that I can't get the rig output power to stabilize. It's
> very erratic, jumping from 4 to 50 watts. Of course when it jumps up,
> it sucks the battery dry! When I turn the knob my power meter jumps all
> over the place. I'm trying to get it to run at 5 watts, but it won't
> stay.
>
> When I connect the rig back to the power supply in the shack, it works
> normally, allowing smooth, stable output adjustment from 1 to 100
> watts.
>
I'm editing here.
>
> Thanks and 73 de Dan, KE6LBX
>
I use an ATLAS 210X as my primary HF radio.

The ATLAS 210X has two -12V inputs. One of these inputs, per the manual,
is supposed to be regulated, relatively low current. The other input
does not need to be carefully regulated, and drives the RF amplifier
section(s). I have also had poor success operating off battery.
In fact, I only transmit from my car with the motor running. I suggest
that you try two batteries, one for each input, and see if that solves
the problem.

Note that many radios are picky about voltage, and exhibit FMing and
other problems when operating from a battery at about 12 volts.
(I have done considerable portable and backpack operation, mostly
for VHF contests).

73 and good luck
Richard Ferguson KA0DXM

My opinions are my own, not those of my employer.

2424. Two-tone FM deviation test? HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: ct@onr.com
Message-ID: <449kci$83g@mari.onr.com>
Source record: 211963

I was told that there is a technique to set FM transmitter
deviation by using two audio tones.

Has anyone used this technique or know of references?

Thanks in advance,

Charlie
WB4HVD

2425. Re: MFJ-422C software bug?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: jamest@netcom.com
Message-ID: <jamestDFJ1q6.LGz@netcom.com>
Source record: 211964

Jeffrey Wittich (jwittich@b4pph107.bnr.ca) wrote:

: Ya know, this seems interesting to me. I have an MFJ-407B keyer that works
: quite nicely. It has a Curtis chip in it. Recently, a friend of mine
: purchased the MFJ-407C, and I find it difficult to send with. It does
: not use the Curtis chip. When the battery weakens in it, The speed
: begins to vary. Sending just a dit stream, you can hear the speed vary
: up and down a lot with periotic VERY long elements.

: 73, Jeff
: --
: **
: jwittich@b4pph107.bnr.ca *** CW ops let their fingers do the talking.
: AC4ZO *** BNR claims they know nothing of my employment here.
: **

Ah, at least I'm not the only one with am MFJ keyer problem. FWIW I did
not install the 9 volt battery (optional in the manual) and was running
off of a 12v - 1 amp wall wart power supply. The dot length was consistent
but the dash length went long periodically on key down. Quite a booger to
send with. If you alternated hitting the paddles, the sidetone wandered
up and down.

I returned the keyer last weekend.

My evaluation is that the microprocessor based 422 keyer has a serious
software bug.

I guess it's time to order a Curtis chip and build a keyer that works
properly.

As always YMMV.

James KB6NYG

--
jamest@netcom.com

2426. Re: Azden

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: "Jimmy W. Simmons" <nexus@datasync.com>
Message-ID: <449mnm$uve@osh2.datasync.com>
Source record: 211965

I don't think that AZDEN is any longer in service, there is a company that bought them out who sells the radios, but I don't know about service. And if thay do service, I don't know if thay would be able to service an AZDEN that is that old. I don't know if this is going to help, but you can try one or both of these... (516)328-7501(voice) or you can try writing to: AZDEN CORPORATION, 147 New Hyde Park Road, Franklin Square, Nnew York, 11010

See the only reason why I say "I think" thay no longer have service is because I once owned a PCS-7000H, which is their latest model avaliable, and thay wouldn't take it back for a repair on LCD display problem I had, so I ended up selling to someone for a low price and bought a KENWOOD TM-241a instead, Much better radio in my own view... Hope this helps.. Jimmy, KB5FSV CAP-MockingBird484

2427. Eimac 7289's & Thomson TH329, 338's

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: ve1alq@mi.net
Message-ID: <449m8e$ce0_001@ve1alq.mi.net>
Source record: 211966

I am looking for new, or usable, used Eimac 7289 tube's, these are the ceramic vversion of the older 2C39'c. I am also looking for usable Thomson TH328 & Th338's. These tubes are required for my SHF EME Linear's.

I may be contacted via E-mail, or phn FAX 506 738-2734 (collect)

I also have a couple of SHF signal generators to 7Ghz available for sale or trade, these are completely operational with Manuals and are very reasonably priced.

2428. Long Island HamFair Oct 22, 1995

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: voices@i-2000.com
Message-ID: <449na5$pce@i-2000.com>
Source record: 211967

One of the Largest Ham Radio Clubs in the U.S. 600+ members, is Holding its Fall Out door Ham Fest On -----> OCT. 22 <----- At Briarcliffe Collage 260 Crossways Park Drive Woodbury, NY 11797. Hosted by LIMARC (Long Island Mobile Amateur Radio Club) !!!!!

Computers
Big Dealers
ARRL Info.
VHF Tune Up Clinc
CB radios
Tons of Ham Gear
Scanners Too

General Admission: $6.00, Children and sweethearts free!!
VENDORS: All spaces $15.00, each space admits one person
PARKING IN ASSIGNED SPACES

FOR MORE INFO CALL: 516-742-1628 and Ask for Alex N2XOJ
or CALL THE 24 HOUR HOTLINE - 516-349-0843

FREE PARKING- Food and Refreshments Available-Door Prizes !!!!

Directions To the HAMFAIR From East or West

LIE to exit 44N - Seaford Oyster Bay Expressway (SR 135)

Continue 1 mile north to Rte 25 East (Jericho Turnpike)

Make Immediate right off exit on Crossways Park North

Make a Left on Crosswys Park West. Then Right On Crossways Park Drive to Site.

Talk in On 146.85/25 repeater PL 136.5

2429. PC Electronics ATV Gear Any Good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDFJ41C.Luy@netcom.com>
Source record: 211968

Anyone have any experience with ATV gear from PC Electronics? I'm thinking of buying an ATV transmitter and receiver from them.

Are there any other sources of ham ATV gear besides PC Electronics? I know AEA used to have an ATV transceiver, but I haven't seen it in their catalog for the last few years.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

2430. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: vthueler@ping.CH
Message-ID: <199509262059.VAA02201@server.ping.ch>
Source record: 211969

```
add ham-equip
```

2431. RC96 + RBI1 + TM721 = No worky?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: otoupal@astro.as.utexas.edu
Message-ID: <449q1f$5c1@geraldo.cc.utexas.edu>
Source record: 211970

Short form: I hooked up a new Doug Hall RBI-1 interface between the clubs ACC RC-96 and a Kenwood TM721. I can't get the Kenwood to changes freqs, transmit, or receive. Any ideas??

Long form: As part of an on-going repeater system upgrade, the club decided to purchase a Doug Hall RBI-1 remote base interface box to make the remote base both dual banded as well as frequency agile.

I purchased the RBI-1, picked a saturday, and carted everything into the repeater room.

I hooked up the RBI-1 to our new ACC (bless their souls) RC-96 running version 5 software. Connection went to the remote base connector. Then, using the supplied cable, I hooked up the clubs Kenwood TM721 dual band mobile. Pressed reset on the RBI-1 and was rewarded with the expected light and sound show that indicates everything is hunky-dory.

I then spent the rest of the day trying to get the thing to work.

Getting late and wife considering hitch-hiking home, I downheartedly pulled the new toy off the RC-96 and headed home.

Safe at my bench, around all the test gear, I first hooked the new RBI-1 back up to the Kenwood TM721 and the clubs old ACC RC-85 (V1.1). Same errors. Humm. I had a Kenwood TM-731 laying around so swapped it out with the TM-721. Same errors still. Well, all that's left is either me or the new RBI-1. Gave the folks at Doug Hall a call and they were glad to have a look if I'd send the RBI-1 in to them.

A week passes by and the RBI-1 comes back with a note indicating a clean bill of health! Egads. Hooked it back up on the bench and, sure enough, same symptons.

That leaves only me as the problem. I'm stumped. Any ideas?

A few notes: I'm getting a data stream from the RC-85 to the RBI-1. I'm also getting data from the RBI-1 to the Kenwood. PTT signal is getting from the RC-85 to the RBI-1 but the RBI-1 is NOT sending PTT to the TM-721. Likewise, I am NOT getting COR from the RBI-1 to the RC-85. I did remember to turn off the HF Remote Base prefix on the RC-85. The RC-85 is reading back the frequency that I am trying to get to. The remote base did work with just the TM-721 after I had moded it for a COR output. About the only thing I have been able to do is get the TM-721 to switch bands when I tell it to.

The folks at Doug Hall have been very accomidating but are just as stumped as I am.

Any ideas? Post or email is fine. I'll post the answer if there is enough interest.

I BE: Douglas S. Otoupal N5HYD NRA
INTERNET: otoupal@astro.as.utexas.edu ACLU
US MAIL NET: McDonald Observatory, Ft. Davis, TX 79734 SCCA
PHONE NET: (915) 426-3263 - (915) 426-3679 BD of A
Is there supposed to be a hyphen in anal-retentive?

2432. MFJ Six Meter Xceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <449ois$5j4@ixnews7.ix.netcom.com>
Source record: 211971

I fellow ham on the QRP list mentioned to me that another ham had a prototype of an MFJ six meter transceiver (probably similar to the MFJ Travel Radio - 9420). Does anyone else have any information on this? This could be a real boom to helping people get on six SSB at a minimal expense and without a transverter. I wrote a letter to MFJ last summer asking them to bring out a six meter version of the Travel Radio but they never commented back. I'd really like to get my hands on one. Anybody else interested?

Regards,

Duffy - WB8NUT

2433. Any AEA DSP-2232 users out there??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: willhelm@ix.netcom.com
Message-ID: <448cbe$6ko@ixnews4.ix.netcom.com>
Source record: 211972

I have been contemplating the purchase of an AEA DSP-2232 terminal unit. These things are showing up at reasonable prices now on the used market. I have had several PK-900'S and have been happy with them. What makes this DSp-2232 unit more desirable than a standard PK-900?. Is the digital circuitry (meaning the DSP capability) really that better as far as performance? I know that the standard DSP-2232 comes equipped with 9600 baud capability but is that the major difference? A year or so ago i saw some discussion among 2232 owners that was aimed at AEA indicating they felt they had been "abandoned" by not receiving any additional tech updates or modes that were promised for this unit. I believe one in particular concerned the SSTV capability that was supposedly forthcoming for this unit (but i guess never did). Can anyone shed any light on this controller and whether or not i should grab one or just go with the standard PK-900. Any help and comments will be greatly appreciated.

Thanks in advance....Bill in Las Vegas, Nv.

2434. Re: Help - KAM/FT1000 RTTY problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: Ed Coan <ed@aloha.net>
Message-ID: <44a1ui$78q@nuhou.aloha.net>
Source record: 211973
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Hi Sandy. I thot you had this solved by now.
Make life easy... give us some more info:

How have you determined the 400-Hz offset?

Is your TX freq. above or below your RX freq?

Have you adjusted your SHIFT control (from center) to center the RX signal?

Does the KAM have a tuning indicator for RX? Is it centered?

Is the KAM set to decode standard RTTY shifts, or 1600/1800 Hz? (Note that
these are about 400 Hz from the standard shifts).

Good to see you on. - Ed.

2435. TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: k0od@mo.net
Message-ID: <44a42m$eb@Twain.MO.NET>
Source record: 211974

I used a friends TS-870 for an hour or so and was definitely not impressed. I'm mostly a CW DXer and contester. The DSP
sounded pretty much like my trusty TS-850 with a Timewave filter. (I have a Timewave and virtually never use it!) I tried the
radio on some weak signals on 75-meters and the DSP did nothing to make the signals easier to copy.

I
Jeff K0OD St. Louis, MO USA
e-mail: k0od@mo.net

2436. For Sale: Alinco Dr 1200 T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: sdolmft@interaccess.com
Message-ID: <sdolmft.3.003E0722@interaccess.com>
Source record: 211975

Selling Alinco DR 1200 T 2 meter data and voice radio. Excellent condition.
Selling to fund other purchases. $125.00. Steve, WO9L.
sdolmft@interaccess.com
Dr. Steven D. Olson
Pastoral Counseling Center, Lutheran General Hospital
1610 Luther La., Park Ridge, Il., 60068-1243 voice: 708-518-1800
fax: 708-823-9222 AOL/sdolmft sdolmft@interaccess.com

2437. For Sale PK 88

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: sdolmft@interaccess.com
Message-ID: <sdolmft.4.003F0FD3@interaccess.com>
Source record: 211976

Selling PK 88 TNC. $35.00. Steve, WO9L. sdolmft@interaccess.com
Dr. Steven D. Olson
Pastoral Counseling Center, Lutheran General Hospital
1610 Luther La., Park Ridge, Il., 60068-1243 voice: 708-518-1800
fax: 708-823-9222 AOL/sdolmft sdolmft@interaccess.com

2438. For Sale: Yaesu MD 1C8 Dynamic Desk Mike

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: sdolmft@interaccess.com
Message-ID: <sdolmft.5.0040E47A@interaccess.com>
Source record: 211977

New. Never used. Yaesu MD 1C8 Dynamic Desk Mike. $60.00. Steve. WO9L.
sdolmft@interaccess.com
Dr. Steven D. Olson
Pastoral Counseling Center, Lutheran General Hospital
1610 Luther La., Park Ridge, Il., 60068-1243 voice: 708-518-1800
fax: 708-823-9222 AOL/sdolmft sdolmft@interaccess.com

2439. Antennas: 10 m; 2 and 44 dual band.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: sdolmft@interaccess.com
Message-ID: <sdolmft.6.0044BCC8@interaccess.com>
Source record: 211978

Selling two antennas:

1. Cushcraft 10-3 CD Skywalker three element, 10 meter beam. $60.00.

2. Cushcraft ARX 270 U, High performance, high gain, 2 and 440 dual band, fiberglass ringo. $95.00

Steve, WO9L. N.W. Chicago suburbs. sdolmft@interaccess.com
Dr. Steven D. Olson
Pastoral Counseling Center, Lutheran General Hospital
1610 Luther La., Park Ridge, Il., 60068-1243 voice: 708-518-1800
fax: 708-823-9222 AOL/sdolmft sdolmft@interaccess.com

2440. Connecting Icom 751A to DSP 9+

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: sdolmft@interaccess.com
Message-ID: <sdolmft.7.004B5404@interaccess.com>
Source record: 211979

Am trying to connect Icom 751 A to Timewave, DSP 9+. Need detailed instructions as to:

1. Where on the 751 A is the "PTT Output" and what kind of connector do I use to connect it to DSP 9+???

2. Where on the 751 A is the "Speaker Output" and what connector should I use to connect to "Audio Input" on the DSP 9+?

Any detailed help would be appreciated. Steve. sdolmft@interaccess.com
Dr. Steven D. Olson
Pastoral Counseling Center, Lutheran General Hospital
1610 Luther La., Park Ridge, Il., 60068-1243 voice: 708-518-1800
fax: 708-823-9222 AOL/sdolmft sdolmft@interaccess.com

2441. Re: Do 2m HTs TX beyond 144-148 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: gsmlrn@gsm001.mendelson.com
Message-ID: <1995Sep26.233741.20188@gsm001.mendelson.com>
Source record: 211980
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

moritz@ipers1.e-technik.uni-stuttgart.de wrote:
: >Many HT's can be modified to transmit beyond their "normal" range. However
: >modifiying amateur equipment to do this is generally illegal.

: Geoff,

: Seems you have not understood the basic concept of amateur radio.
: Amateur radio is by definition experimental, with the effect that
: you are entitled to built and operate transmitting equipement.

In the United States, which was the country in question, it is illegal to modify equipment to transmit out of band, such as converting a ham radio to CB. It is also illegal to use modified ham equipment in most other services. Several times the FCC has fined ham dealers for modifying or offering to modify ham equipment to transmit out of band.

While it is legal for a ham in the US to build a radio that transmits out of band (as long as it also transmits in band), modifing one a factory built one for out of band transmission has been interpreted as evidence of doing so.

: (In some countries having built a TRX is a requirement)

: As a result, the transmitting range of amateur radios is not
: subject to regulations (In fact *all* commercial HF TRX are capable
: of out of band transmissions)

Not in the US. Most transmitters are limited to transmission in the US ham bands. While most HF TRX are easily modifiable, they are not sold that way.

: The point is that responsibility not to actually transmit out
: of band rests totally with the licensee.

Yes, that is true, but in the US, you cannot get FFC aproval for a HAM transmitter that transmits out of band, which effectivly eliminates it sale (as a retail item).

73,

Geoff.
--
Geoffrey S. Mendelson (N3OWJ)
President, Mendelson Computer Consulting, Inc.
Voice (215) 242-8712 Fax (215) 242-3116 Email: gsm@mendelson.com

2442. IC-730; Adding CW-N filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: butte.wbst129@xerox.com
Message-ID: <NEWTNews.812132420.932.Pbutterf@butter-pc.eng.mc.xerox.com>
Source record: 211981

I recently bought an IC-730. The radio works great, but with the congestion on 80m and 40m, I find myself wishing for more selectivity. The radio has a front panel switch for CW-N, but the option is not installed. While Icom no longer makes a filter for the rig, ICRI (International Computer and Radio) offers an aftermarket unit for about $100 that they list as "wire-in". Has anyone out there done this installation? Though install doesn't seem too hard, I don't want to get in over my head. Recommendations?
Paul
KB2TCG

2443. Re: Icom Z1A Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: walt@lfs.loral.com
Message-ID: <449bjq$17nn@watnews1.watson.ibm.com>
Source record: 211982

In <43hjqf$skq@quadrant6.execnet.com>, Jeff Miller <dataweb.limited@aquila.com> writes:
>I'm looking for any modifications to the New Icom Z1A...
Jeff,

Contact ICOM at 75540.525@compuserve.com

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

2444. Ten-Tec Triton II archive?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-26 00:00:00 UTC
From: bhowell@mail.utexas.edu
Message-ID: <446opf$1as@geraldo.cc.utexas.edu>
Source record: 212051

Does anyone know of an archive of mods for the Triton II ?

A friend recently purchased one and it seems to drift quite a bit.

Thanks,
Bill
N5ALO

2445. Re: Power Out on FT747GX

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: bkotarsk@gfn1.genesee.freenet.org
Message-ID: <44clit$jm8@gfn1.genesee.freenet.org>
Source record: 211902

an364546@anon.penet.fi (100553.1214@CompuServe.COM) wrote:
> I have a FT747GX that is only putting out about 50-60watts on tx.
> when the drive is at max. This occurs across all freqs.

> Where can I find the preset to adjust the power output ?

> Is it on the main board or in the metal cased RF unit ?

> Jim

> --
> its the volts that jolts
Check the RF power using a DUMMY load.. The problem May be in your
Antenna system.... Also If you are using this radio For AM (CB) your
lucky to get the 50 watts... I think it is preset to 25 watts for AM...
--
ai720@detroit.freenet.org---------- bkotarsk@genesee.freenet.org
sfuxdis@frog.thpl.lib.fl.us----------bkotarsk@freenet.grfn.org
bill.kotarski@cmail.com And Whatever Else You People Call Me
N8JOS--- General Class since 1968 EX-WB8DKR and WN8DKR

2446. Re: Help - KAM/FT1000 RTTY problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: kleerdex@epix.net
Message-ID: <44cd36$407@grape.epix.net>
Source record: 211903
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

In article <slayDFFzz3.3zL@netcom.com>, slay@netcom.com (Sandy Lynch) says:
>
>I seem to have a problem using my KAM (v5.X) with my FT-1000.
>It seems that my transmit and receive frequencies are offset
>by approximately 400Hz. If you have any suggestions, they
>would be most welcomed.
>
I use a KAM with a TS-930 and use the RTTY FSK input. This allows the
radio to determine the offset, not the KAM. In other words, the KAM
is only switching the radio's FSK offset, as opposed to using the AFSK
feature where you actually feed tones into the audio input of your radio.

Check your FT-1000 manual to see if you can set the shift frequency, 'cuz
there really isn't anything the KAM can do unless you're using AFSK. If
are using AFSK, check the KAM manual because that can also be adjusted
for 170 hz shift, or whatever, as I recall.

73, =Vic=, WA4THR

2447. Re: PC Electronics ATV Gear Any Good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: forsberg@cts.com
Message-ID: <44an3e$bpv@news2.cts.com>
Source record: 211904

jgardner@netcom.com (Jerry Gardner) wrote:

>
>Anyone have any experience with ATV gear from PC Electronics? I'm
>thinking of buying an ATV transmitter and receiver from them.
>
>Are there any other sources of ham ATV gear besides PC Electronics?
>I know AEA used to have an ATV transceiver, but I haven't seen it
>in their catalog for the last few years.

I work the Amateur Television Network here in Southern CA. Most
people on 434 use PC Electronics. They do a very good job. I bought 3
of their PC boards and put them in my own box. Works fine.
If you are thinking of getting into ATV check out our web page at:

http://www.realm.net/~jpawluk/KB6MMF.html

Bruce Forsberg WB6IZG

2448. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: react@texas.net
Message-ID: <44ao5p$ngs@empire.texas.net>
Source record: 211905
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

shc@mthost2.mt.att.com (131H30000-STEPHEN CHU(MT4084)NOBIN) was heard
babbling on and on about:

>I'm looking for opinions on various GMRS radios available out in the
>market. I'm particular interested in pros/cons with VHF/UHF, size,
>price, and mail order outfit.
>Please post or email if you can help.
>Thanks in advance...
>==
>Stephen Chu
>AT&T
>Internet : shc@mtgbcs.att.com
>==

Well, Steve, don't worry about comparing VHF/UHF cause GMRS by
definition is UHF only. 462MHz thru 467MHz. We use them heavily in
REACT.

The best GMRS radio is the cheapest. :) Actually, it depends
upon what you are wanting to do with it, and how far away from the
repeater you will be running.

If you want cheap and no repeater, Radio Shack sells a piece of @#$#
that I wouldn't even take time to bring home. It works for short
range, but is crystal controlled and no tones can be installed for
repeater usage. You get what you pay for here.

You want PROGRAMMABLE, MULTI-CHANNEL radios only, preferably 6-10
channels, but that depends upon how many repeater freq's you can
access in your area. In San Antonio, we have 3 GMRS repeaters
operated by the REACT Team, so we need at least 6 channel radios down
here. (3 repeater, 3 simplex for same freq's)

H/T's should be at least 4-5 watts. Those 2 watts work good if you
are in unobstructed terrain and close to repeater. Otherwise, you
need the extra juice.

Maxon makes an affordable 10 channel GMRS H/T called the 210+3 model.
First 7 channels are those GMRS Interstitual channels (simplex only).
Last 3 channels are programmable for repeater freq's with tone and
simplex/duplex splits allowed. You can change the tone encodes from
the keypad, so that's a plus. The low wattage is a minus. They
were supposed to come out with a 5 watt model and drop in charger, but
I haven't seen it yet.

Motorola always is a good bet, but you'll pay for it also.

Mobile radios. You want at least 15 watts or more. You are limited to 50 watts by FCC rules. Again, look for multi-channel programmable. You won't find new radios that are user programmable cause the FCC changed the rules years ago to prevent that. (Too much abuse)

Okay, now here is "not" a recommendation. Many/most Amateur Dual Band and 440 UHF radios can be "fixed" to go up into the GMRS band. I know of many people who happen also to be licensed hams, that are running modified ham radios so they don't have to buy another radio. This option, while highly illegal, is considered to be cheaper than buying commercial radios, and is much more flexible. Remember, I am not recommending that you do this.

Best of luck, and contact me via e-mail if you have any further questions.

Lee Besing, N5NTG San Antonio REACT Team #3622
REACT International 1995 Computer Chairman
RI's address: react@wichita.fn.net
My Address: react@texas.net

2449. Re: OAK-Hill-Research QRP Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: rsmits@ham.island.net
Message-ID: <092795232218Rnf0.79b6@ham.island.net>
Source record: 211906

a0378@freenet.uni-bayreuth.DE (Karl-Heinz Merscher) writes:

>
>
>Hello folks,
>
>does anybody know a qualified supplier for OAK-Hills-Research QRP Kits?
>I'm looking for a supplier in the USA which send the kits also to germany.
>Any E-mail addresses of suppliers?
>

Why not try :

The address that you asked for, Oak Hills Research, is:

Oak Hills Research
20879 Madison Street
Big Rapids, MI
49307
USA

If you'd like to phone them, their number is (616) 796-0920
They do not have a fax number, or an e-mail address.

--
rsmits@ham.island.net (Robert Smits, VE7HS)

2450. Help! TH-78A Question!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <950927100042604@digcir.cts.com>
Source record: 211907

JNA<>Although his manual contained no english, there was a section in spanish
JNA<>which we were able to fumble through. We figured out that there is an
JNA<>optional CTCSS decode chip available for the radio.. and we assumed that
JNA<>his radio dosen't have it. But it didn't say anything about the radio
JNA<>not being able to send PL tones without this chip.

JNA<>Anyone have any information on this? He really needs it to be able to
JNA<>send PL tones in order to bring up the university repeater.

Jason, the th78a that is sold in the USA has encode & decode installed
(due,I think to the fierce competition between mfgrs.!) you should be
able to buy the tone chip at any HRO.
good luck & 73,
EJ! N6oid

* OLX 2.1 TD * Proofread carefully to see if you any words out.

2451. Microdyne Tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: pstouffl@dsg.harvard.edu
Message-ID: <pstouffl-2709951412060001@134.174.81.92>
Source record: 211908

[Posting for Mark Stoufflet]

Would anyone be willing to sell or know where I could purchase a pair of
Microdyne 1114-VT(D) digital RF tuners covering the L-band (1435-1540 MHz).
I have a set of Microdyne 1100-AR receivers, but the tape tuners are nolonger
usable. If you wish I may be contacted toll free at (800) 433-7713 wait for
tone then 280 wait for tone then 7984.

Thanks, Mark

[You can also email the poster]

--
Paul Stoufflet Don't tread on me
Decision Systems Group
Brigham and Women's Hospital, Boston
pstouffl@dsg.harvard.edu

2452. kenwood tm 742 external signal meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <7995-242561801@humnet.humberc.on.ca>
Source record: 211909

>
> I am looking for anyone who can share their experiences with tapping the
> AGC or the signal stength circuits in the radio. My goal is to finish
> construction on external signal strength meters to facilitate transmitter
> hunting.
>
> I tore open the rig and looked in there, poked around, made a few
> measurements, and looked at the schematics, and decided to give up on the
> project. Well, it is now a few months later and I really want to use the
> rig for transmitter hunting. There must be a t-hunter out there
> somewhere who can share their suggestions.
>
> 73 de kd6fpx dan
>
>
> --

Hi Dan... You can tap the signal meter from any one of the band units.
Pin 10 of CN1 (there are 2 connector strips on each module..CN1 and CN2)
which is the "SM" line...short for S-meter. This is definitely the
S-meter line...it comes directly out of the FM receiver chip of each
module and goes into an anolog to digital line of the CPU in the main
chassis. I speak from many hours of hacking experience on these radios.

Regards..

Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
Visit our Website at http://humnet.humberc.on.ca/

2453. Anyone know how to program speed dial on Siemens Eurodial 2220

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: shustak@parkcomm.iii.net
Message-ID: <44aebm$8tt@news.iii.net>
Source record: 211983

I know this is not a piece of ham equipment, but hams collect all kinds of junk. I figured someone might have an answer.

I salvaged an old Siemens 2 line telephone, model Euroline 2200. It has 22 speed dial buttons, and a digital display. I fixed the malfunction, but cannot figure out how to program the speed dial buttons. I tried the usual methods (keying in the number, and then hitting "mem" and then the button) or some combination thereof, but nothing works.

Can anyone help? An owners manual didn't come with the phone.

Chris
N1AUP

2454. Mods for Radio Shacks new Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: shatten@ee.net
Message-ID: <44aeud$161@nt.colmicrosys.com>
Source record: 211984

Does anyone have the MODS for Radio Shacks new mobile.?

2455. DX-160 Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: bb840@scn.org
Message-ID: <DFJMAM.HEp@scn.org>
Source record: 211985

A few months ago I bought a DX-160 general coverage receiver, which unfortunately did not come with the user manual. I need some information about the antenna and ground connections.

There are three screws on the back: A1 A2 G and there is a jumper wire between A2 and G. I think A1 is for a long wire antenna and A2 is for a short wire antenna, but I don't know why there is a jumper wire between A2 and G, unless that is substituting for a short wire antenna.

Can anyone confirm for me the functions of A1 and A2 and the purpose of the jumper wire, or if the jumper wire should be removed?

73 Jim
--
James Aeschliman bb840@scn.org
Black Diamond, Washington KD7MK

2456. DSP advertising claims

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: k0od@mo.net
Message-ID: <44ahf6$5uf@Twain.MO.NET>
Source record: 211986

The Kenwood ad on the inside cover of the October QST says in regard to the new TS-870:
"IMAGINE OVER 100 DB OF
NOISE REDUCTION WITH NO SIGNAL LOSS!"

WHAT THE H--- DOES THIS MEAN? I have used a TS-870, and on 75-meters, with the DSP Noise reduction turned on,
the S-Meter read over S-9 just as it would on any other radio, including my TS-850.

Aside from Kenwood ad, I'm getting pretty sick of all the other over-hyped DSP noise reduction claims. One ad says their
DSP transceiver will "hear signals you've never heard before!" Mr. Manufacturer, how many of the top contest stations are
racing to trade in their FT-1000s or even their old TS-930s for these new boxes. NOT MANY! In fact, I know one old-time DXer
who has bought several of the new-generation DSP radios and returned them all!

The same goes for those outboard DSP boxes. I wish I had some of the money being wasted by guys who buy one after
another of these gizmos. I have 310 countries worked on 40-meters and 250 on 75/80, and a wall covered with low band
contest certificates. I do have a DSP box (doesn't everyone!), but it's virtually worthless especially for noise reduction.

Jeff K0OD St. Louis, MO USA
e-mail: k0od@mo.net

2457. QRP transceiver kit; Spanish version of manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: wayne@interval.com
Message-ID: <wayne-2709951240390001@burdick.interval.com>
Source record: 211987
Cross-posted to: rec.radio.swap,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Wilderness Radio's NorCal 40A (40 meter QRP CW Transceiver kit) is now available with a very good Spanish translation of the manual. A second product, the KC1 universal subminature keyer/frequency counter kit (2.5" x 0.8"), will also soon have a Spanish translation available. Contact Bob Dyer, KD6VIO, at 415-494-3806. Or write to Wilderness Radio, P.O. Box 734, Los Altos, CA 94023-0734, U.S.A.

Wayne
N6KR

2458. Re: Icom IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: "Murray S. Tucker" <mtucker@freenet.calgary.ab.ca>
Message-ID: <Pine.A32.3.91.950927022438.70918B-100000-100000@srv1.freenet.calgary.ab.ca>
Source record: 211988
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I quite agree with you, however, in the case of this 706, it is very
small, has HF,2meters and 6 meters, all in one radio, which is very
appealing.
73 de Murray VE6MT

> Instead they want cute, little, barn door front ends with lots of little glowing
> lights and complicated menus. Seeing the responses to the 775, 1000MP, 870, 706 and
> so on demonstrates this quite well. It shows that the manufacturers know what

2459. OAK-Hill-Research QRP Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: a0378@freenet.uni-bayreuth.DE
Message-ID: <9509270838.AA22587@btr0x7.hrz.uni-bayreuth.de>
Source record: 211989

Hello folks,

does anybody know a qualified supplier for OAK-Hills-Research QRP Kits?
I'm looking for a supplier in the USA which send the kits also to germany.
Any E-mail addresses of suppliers?

Thanks in advance!

vy 73 de DL6RDE/AA1KD, Charlie

2460. Amatuer TV transmitter plans?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: timh@vesta.chch.planet.org.nz
Message-ID: <44bbck$oh2@sirius.chch.planet.co.nz>
Source record: 211990

Hi, I'd be interested in getting hold of some plans to out together a UHF transmitter that would broadcast pictures and audio within the normal TV broadcasting UHF range. We're a school in New Zealand interested in getting into Amatuer television.

Any information on amatuear television would be great aswell:-)

Thanks,

Tim

2461. ON-Line no-code license

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: dx406@cleveland.Freenet.Edu
Message-ID: <44c92j$3l@usenet.INS.CWRU.Edu>
Source record: 211991

Is there a way to take the test on-line?

2462. TH79AD

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: kninectf@mo.net
Message-ID: <44c95d$d60@Twain.MO.NET>
Source record: 211992

Can anyone tell me if the mod for frequency expansion for the TH79AD is the same as the TH79?

Thanks
Alan K9CTF
kninectf@mo.net

2463. Info and/or manual needed for IC-22S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-2709951405000001@m14494-mac.mitre.org>
Source record: 211993

I have a chance to buy an old IC-22S 2 meter xcvr real cheap. This is a diode-matrix programmable rig; I want to use it as a simple voice base station for the local repeater. My questions are:

1. What is the frequency range of the radio; specifically, will it operate below 146 MHz?

2. Can you re-program the matrix to give different frequencies or ranges? If so, what ranges are available?

If someone has a manual, that would be a big help. Thanks for any info.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

2464. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDFKwns.4Kx@netcom.com>
Source record: 211994

Jory McIntosh (Mcintosj@ziavms.enmu.edu) wrote:
: The HTX-202 is a very good rig for a new ham. It only has two small
: problems. First, it does not have the extended recieve that most of
: the other 2 meter handies have.

This is not a problem, it's a feature. By not having extended receive,
this rig has a tighter, more intermod-resistent front end.

I utterly fail to see the reason why hams today insist on having super-wide
extended receive capabilities on their HTs. Is it because most hams are
lurkers who spend more of their time combing the public service bands and
cellular bands looking for something interesting to listen to than they
spend communicating with fellow hams?

I really got a good laugh a few days ago when someone asked how he
could modify his new 2m HT to listen to cellular phones (800MHz)!

Bottom line: if you want to listen to cops and tow trucks, buy a scanner.
Me, I'd rather have a rig that covers the ham bands only with reasonable
RF performance. Such an animal is difficult to find these days--that's why
I switched to Motorola.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

2465. Schematic for Standard Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: bcollins@bnr.ca
Message-ID: <44ccbn$3qh@bcrkh13.bnr.ca>
Source record: 211995

I am looking for a source for schematics for a Standard Radio Model C890L Taxi single channel transceiver. I hope to re-crystal it from approx. 152 MHz to 145.15 MHz for operation on the local ham packet network.

It also currently has a problem in the transmitter, however I have not had time to trace this down.

Thanks,

VE6APR
--
Brian Collins |In a war of ignorance |The opinions expressed here are
PCB Designer |no one wins. |the result of my own
Nortel Calgary AB|There is no concept of "race",|m i s c o n c e p t i o n s ,
Wireless Networks|we are all humans. |not those of my employer.

2466. Re: Icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: jeffd@coriolis.com
Message-ID: <44ce15$26q@globe.indirect.com>
Source record: 211996

eeb@access.digex.net (Allen Hansen, EEB) wrote:

(regarding the new IC706)

>Price is $1299. Not sure about the duty cycle. I saw one last night
>and it is AMAZING. I'm going to sell my IC736 and get one of
>these little beauties.

I don't think it has an internal power supply, so if littleness is an issue, consider that you'll need a chunky supply to feed it. I bought myself an IC736 *because* it had an internal power supply; my IC729 was nice and small but sitting on top of its supply, well, it wasn't so small anymore.

On the other hand, for mobile operation, the 706 is probably killer. I'm only assuming that because you have a 736 you're working base.

I think that in time they'll probably create a rig analogous to the 736 that also has 2M support. That seems to be the pattern.

--73--

--Jeff Duntemann KG7JF
Scottsdale, Arizona

2467. CW paddles

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <44celu$v55@omnifest.uwm.edu>
Source record: 211997

I can't offer an opinion about the G4PZY, having never used one, but I'm happy with my Jones Key paddle. As a former bug user, I found the Benchers too light for my (excuse the expression!) ham-fisted touch. John Rehak, N6HI wrote an article on "Iambic Keyer Paddles" that was published in the Dec. '92 issue of 73 magazine. It's worth looking over, although some of the paddles listed are no longer available.

73,

Rick WB9GYT

PS - The British ham magazine "Practical Wireless" is offering discounts on Jones Key paddles for new subscribers. Even including the price of an airmail sub, the paddle prices are lower than direct purchase from their US distributor, Palomar Engineers.

2468. VHF PROGRAMMABLE RADIO WANTED CHEAP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <44cfku$fdt@newsbf02.news.aol.com>
Source record: 211998

Does anyone have a VHF PROGRAMMABLE Mobile radio for cheap?? 2 Channels or even 1?? Not crystal or eprom programmable because I want to be able to change the freq or freq's very quickly on demand! So, if you have anything like please send me a message about it. Also, if it has DTMF that would be great also.... Thanks and hope to hear from someone soon
73 de N9MXT1 - Jeffrey

Also, I want it in the HAM RADIO band.... Thanks again!
N9MXT - Jeffrey

2469. Icom e-mail address?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: pmy@ix.netcom.com
Message-ID: <44c61i$h6v@ixnews5.ix.netcom.com>
Source record: 211999

Does anyone know the e-mail address for Icom?

Thanks,
pmy
KB2STB

2470. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: jeff.sumberg@sailboard.com
Message-ID: <8B1E220.012D001FA6.uuout@sailboard.com>
Source record: 212000

MJ>From: Jory McIntosh <Mcintosj@ziavms.enmu.edu>
>Organization: Eastern New Mexico University

MJ>Secondly, it is very difficult to use it on packet. If you are planning
>to use it with a baycom tnc, FORGET IT! Some tnc's how ever have little
>trouble working with the 202.

I don't know...

A co-worker of mine just bought an HTX-202, and a Baycom modem. They
work fine together. I've been helping him get started with packet, and
from what he tells me, everything is working just fine.

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

2471. AM and FM probs on FT757GX

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-27 00:00:00 UTC
From: Troy Wolford <wolford@resbld.csc.ti.com>
Message-ID: <44ckq0$p7o@superb.csc.ti.com>
Source record: 212001

Can anyone offer any suggestions as to what may cause the RX on the AM and FM modes on a YAESU FT757GX to go sour (completely dead). Rig does not have any carrier power in these modes either (although the TX light does light up). I does a fantastic job on SSB and CW. Good recieve sensitivity and great signal reports. It is just dead on AM and FM. I am happy with the rig currently, but plan to upgrade soon. Would like to work some of the 10m FM repeaters around. Any suggestions would be greatly appreciated. If you have more specific questions, please contact me by e-mail. It might help to know that the previous owner used the rig mostly for RTTY.

73,

Troy Wolford KC5KDM

2472. Re: DX-160 Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: subich@ramlink.net
Message-ID: <44cqeg$303@ram2.ramlink.net>
Source record: 211910

In <DFJMAM.HEp@scn.org>, bb840@scn.org (James Aeschliman) writes:
>
>Can anyone confirm for me the functions of A1 and A2 and the purpose of the
>jumper wire, or if the jumper wire should be removed?
>

Normally, "A1" and "A2" would be "balanced" antenna terminals, for example for 300 ohm twinlead, and "G" is "ground" (the chassis connection). If you are using an "unbalanced" feed system, the "hot" lead (long wire) would be connected to "A1" and the ground lead to "G." If you are using a "balanced" antenna (a dipole) the leads connect to "A1" and "A2" and the jumper between "A2" and "G" wold normaly be removed.

I don't have an DX-160 and/or manual so I can't confirm the information is the same for that radio as most similar radios.

... Joe Subich, AD8I
(subich@ramlink.net)

2473. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: rutledge@enuxsa.eas.asu.edu
Message-ID: <DFL9qI.4uB@ennews.eas.asu.edu>
Source record: 211911
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

```
: Okay, now here is "not" a recommendation. Many/most Amateur Dual
: Band and 440 UHF radios can be "fixed" to go up into the GMRS band. I
: know of many people who happen also to be licensed hams, that are
: running modified ham radios so they don't have to buy another radio.
: This option, while highly illegal, is considered to be cheaper than

Why would that be illegal? It doesn't make sense, if it's legal for a
specific person to operate on two different bands, that he couldn't use one
radio for both.

--
_______ KB7PWD @ N7MRP.AZ.US.NOAM shawn.rutledge@asu.edu
(_ | |_) html: http://enuxsa.eas.asu.edu/~rutledge/home.html
__) | | \_____________________________________________________________
* quantize the universe * fusion * alternative energy * cyberspace * C++ *
```

2474. tr-9500 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <44d8fl$8gd@foible.pix.za>
Source record: 211912

Does anybody have mods for the TR-9500 70cm radio ? Especially RF power control ?

danie zs6awk

2475. Anyone use ttl oscillators for qrp?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: hamiel@sdd.hp.com
Message-ID: <44d9gj$gi3@news.sdd.hp.com>
Source record: 211913

Qrp work? I have somee that I special ordered on the ham bands but have not tried them yet. I know that a few years ago 73 mag had an article about them. Just wondering if anyone has tried it though.

Thanks...de..Don.

2476. Re: Do 2m HTs TX beyond 144-148 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep28.210107.26281@ke4zv.atl.ga.us>
Source record: 211914
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <44b010$2u2k@info4.rus.uni-stuttgart.de>
moritz@ipers1.e-technik.uni-stuttgart.de () writes:
>
>>In some cases, the FCC has declared that possession of [modified] radio
>>equipment capable of being operated illegally is prima facia evidence
>>of intent to violate the law.
>
>Well it is quite possible that they do such a thing, but if you think
>about it, it amounts to jailing everyone in posession if a gun.

File the sear on your MAC-10 so it'll go full auto and see if the
BATF won't come driving up in your yard with a horse trailer. Note,
they *won't* be bringing you a pony.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2477. Re: Do 2m HTs TX beyond 144-148 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <44e36q$1ocg@info4.rus.uni-stuttgart.de>
Source record: 211915
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hello Geoff,

>In the United States, which was the country in question, it is illegal to
>modify equipment to transmit out of band.

Surely it is not illegal to increase the transmit range if you want
for example to use with a transverter.

>Several times the FCC has fined ham dealers for modifying or
>offering to modify ham equipment to transmit out of band.

Surely only if this was obviously done to sell it to non-ham users.

>While it is legal for a ham in the US to build a radio that transmits out
>of band (as long as it also transmits in band), modifing one a factory built
>one for out of band transmission has been interpreted as evidence of doing so.

We all know, that legislation and court ruling is not always related
to logic and justice, however, in a country where carrying a gun generally
seems not to be regarded as evidence for murder this seems hard to believe.

>Most transmitters are limited to transmission in the
>US ham bands. While most HF TRX are easily modifiable, they are not
>sold that way.

Well, I have yet to see a HF radio that can be customized such that
it transmits only within ham bands. I can also reassure you, that
my Ten Tec Scout 555, purchased *in the States*, transmits out of band,
in particular in a portion below 10 m, normally occupied by (illegal?)
CB'ers.

73, Moritz DL5UH

2478. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep28.074620.23461@ke4zv.atl.ga.us>
Source record: 211916
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

In article <DFL9qI.4uB@ennews.eas.asu.edu> rutledge@enuxsa.eas.asu.edu (Shawn T. Rutledge) writes:
>: Okay, now here is "not" a recommendation. Many/most Amateur Dual
>: Band and 440 UHF radios can be "fixed" to go up into the GMRS band. I
>: know of many people who happen also to be licensed hams, that are
>: running modified ham radios so they don't have to buy another radio.
>: This option, while highly illegal, is considered to be cheaper than
>
>Why would that be illegal? It doesn't make sense, if it's legal for a
>specific person to operate on two different bands, that he couldn't use one
>radio for both.

Two words, Type Acceptance.

GMRS and commercial/police/fire/marine two way radio service rules require it, no amateur radios have it. It's that simple. Amateur radios don't have the necessary approval to be used in another service. Now you *can* sometimes take a Type Accepted radio and have spare channels programmed with amateur frequencies by a service shop, so you *can* use one radio for both services. But you can't go the other way. Amateur radios don't need, and don't have, Type Acceptance, but radios for other services are required to have it.

This is a separate issue from licensing. Amateurs are required to have an operator's license as well as a station license. The other services just require a station license. For the other services, that station license requires use of Type Accepted equipment. Amateur station licenses don't have that requirement because operation of an amateur station also requires a licensed operator who has passed a test that supposedly makes him competent to insure legal operation of the equipment. Operators in the other services are assumed to be incompetent boobs who must have radios that can't be used off their assigned channels, or at improper power levels, etc. To insure that, the radios have to be Type Accepted. One of the Type Acceptance criteria is that the radio not be able to be user programmed off its assigned channels. That obviously doesn't describe most amateur equipment.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2479. Re: Two-tone FM deviation test? HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep28.080506.23593@ke4zv.atl.ga.us>
Source record: 211917

In article <449kci$83g@mari.onr.com> ct@onr.com (Charlie Thompson) writes:
>I was told that there is a technique to set FM transmitter
>deviation by using two audio tones.
>
>Has anyone used this technique or know of references?

Charlie, the two tone technique is used to set depth of modulation
of an AM signal. You can set FM deviation using the Bessel null
method with a single tone.

To use the Bessel null method, you either need a spectrum analyzer
or a selective SSB receiver. Display the signal on the analyzer or
tune the SSB receiver to the carrier frequency. Now introduce a
1247.4 Hz sinewave to the modulation input of the radio. Increase
the amplitude of the tone until the carrier nulls out. That amplitude
is now the correct value for 3 kHz deviation.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2480. Alinco DJ-G5 mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: jm@infocom.DK
Message-ID: <9509281150.AA00431@jens.infocom.dk>
Source record: 211918

I need some mods. for the Alinco DJ-G5 ht.
Don't post here, E-mail me with the info.
Thanks, Jens/OZ2JMA

2481. Re: Two-tone FM deviation test? HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: eeman@ix.netcom.com
Message-ID: <44dc44$ctj@ixnews2.ix.netcom.com>
Source record: 211919

In <449kci$83g@mari.onr.com> ct@onr.com (Charlie Thompson) writes:
>
>I was told that there is a technique to set FM transmitter
>deviation by using two audio tones.
>
>Has anyone used this technique or know of references?
>
>Thanks in advance,
>
>Charlie
>WB4HVD

Charlie,
My understanding is that the two tone test is to set the modulation
level in ssb rigs.
Cal

2482. Re: DX-160 Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: jrovero@q.continuum.net
Message-ID: <44cs2a$5ft@news.continuum.net>
Source record: 211920

In <DFJMAM.HEp@scn.org>, bb840@scn.org (James Aeschliman) writes:
>
>
>There are three screws on the back: A1 A2 G and there is a jumper wire
>between A2 and G. I think A1 is for a long wire antenna and A2 is for a
>short wire antenna, but I don't know why there is a jumper wire between A2
>and G, unless that is substituting for a short wire antenna.
>
>Can anyone confirm for me the functions of A1 and A2 and the purpose of the
>jumper wire, or if the jumper wire should be removed?

The A1 and A2 are for a balanced or twin-lead fed antenna (no part of the
antenna grounded). A1 is for an unbalanced long wire, in which case A2
and GND should be shorted

P.J. "Josh" Rovero work: provero@connix.com
Ocean Surveys, Inc. play: jrovero@q.continuum.com
Old Saybrook, CT 06475 USA Amateur Radio: KK1D

2483. Re: G4PZY paddles

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: Grant Youngman <us007699@interramp.com>
Message-ID: <44e460$4h5@usenet1.interramp.com>
Source record: 211921

kenman@iastate.edu (Kenneth D Anderson) wrote:
>
>Do any of you use the G4PZY paddles? How do they compare to Benchers? I'm
>not particularly happy with my Benchers and am thinking og getting something
>different.
>

I threw my one Bencher key in the garbage a long time ago .....

The G4PZY VHS iambic is a fine key -- and beautiful to look at. Also, quite expensive.

Other keys I like: The Jones Key (available through Palomar) and the good old reliable Vibroplex Iambic (but not the Brass Racer).

For what its worth, I find the Vibroplex to be the best, smoothest operating key of the lot and the one I use the most. I don't think that anything is any better.

Grant/NQ5T

2484. Re: 2M Intermod filters/help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: visions@news.gate.net
Message-ID: <44e61h$ien@hopi.gate.net>
Source record: 211922

In article <44d0ls$o0t$1@mhade.production.compuserve.com> Michael Nie
<71101.2634@CompuServe.COM> writes:
>I have been seeing ads in the back of QST for a company in
>Florida (sorry, I don't have the name right now). They make a
>Hi-Q notch filter that cuts out 152-153MHZ where all that paging
>stuff is.

The company is Par Electronics, 6869 Bayshore Dr., Lantana, FL 33462.
Phone is 407-586-8278. I have the one for inline coax for mobile
use in intermod alley in Ft. Lauderdale. Works great. Glad I
bought one. (No profits, just a satisfied customer) The thing I
really like is that there is almost no insertion loss for it. The
other filters seem to have a 6-8 dB loss and require 12V, which
the Par doesn't.

--

Ray Johnston (visions@gate.net) Boca Raton FL USA

2485. TS-700S SSB problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: "Glenn T. Lechner" <glechner@nova.gmi.edu>
Message-ID: <44e9ef$b9n@wheel.gmi.edu>
Source record: 211923

I have a Kenwood TS-700S that is transmitting carrier in SSB mode...about 2 watts in USB, about 3 watts in LSB. Is this a carrier balance adjustment? Anyone have the service manual who could point me to the proper board and components? Or, could you tell me where I might find a service manual for this radio?

Thanks.

Glenn NV8T
glechner@nova.gmi.edu

2486. FS Icom 736 and station equip

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: drayegon@america.com
Message-ID: <44ebth$9cl@enterprise.america.com>
Source record: 211924

3. Icom IC 736 with DM 8 Microphone $1600.

4. Mirage B1016 2mtr amplifier $225.

5. Astron RS 35M pwr supply $120.

6. Hustler 5 BTV Antenna with 50' RG-8
$110.

7. 5 element 6mtr yagi 12.5 dbd gain $100.

8. KLM 22C Satellite ant. $200.

9. KLM 435-40CX Sat Ant $225.

10. Tucker T100 Antenna Tuner $110

11. MFJ versa tuner 982 $100.

12. Yaesu FT 530 can be modified for 800 mhz $375
with yaesu speaker Mic and extra 700ma Battery
13 AEA PK 232MBX with Packratt II $200

14. 2mtr Yagi 18ft boom 12 ele 14.5 dbd gain $125

15. Icom 25a 2mtr mobile $150.

16. CDR TR44 rotor $150.

D.Ray East
1623 Moravia Ave
Daytona Beach FL
32117

904-672-4757

AD4RR tnx 73
There is a sucker born every minute. PT Barnum
Do not think you have just met one Dray

spins dray.

2487. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: root@proclt.vnet.net
Message-ID: <DFM806.17D@proclt.vnet.net>
Source record: 211925
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

In article <DFL9qI.4uB@ennews.eas.asu.edu> rutledge@enuxsa.eas.asu.edu (Shawn T. Rutledge) writes:
>: Okay, now here is "not" a recommendation. Many/most Amateur Dual
>: Band and 440 UHF radios can be "fixed" to go up into the GMRS band. I
>: know of many people who happen also to be licensed hams, that are
>: running modified ham radios so they don't have to buy another radio.
>: This option, while highly illegal, is considered to be cheaper than
>
>Why would that be illegal?

Because Amateur Radio gear isn't type-accepted on the GMRS band. I'm pretty sure that the deviation on GMRS is different than that on the Amateur bands. Use of non-type accepted gear is a no-no in the GMRS band.

Shawn

--

Shawn Goodin -- KD4QGZ Charlotte, NC CompuServe: 76703,1034

root@proclt.vnet.net shawng@vnet.net shawng@pro-charlotte.vnet.net

2488. Re: Two-tone FM deviation test? HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: raateland@vyh.fi
Message-ID: <1995Sep28.140109@vyh.fi>
Source record: 211926

In article <44dc44$ctj@ixnews2.ix.netcom.com>, eeman@ix.netcom.com (Calvin Beech) writes:
> In <449kci$83g@mari.onr.com> ct@onr.com (Charlie Thompson) writes:
>>
>>I was told that there is a technique to set FM transmitter
>>deviation by using two audio tones.
>>
>>Has anyone used this technique or know of references?
>>
>>Thanks in advance,
>>
>>Charlie
>>WB4HVD
>
> Charlie,
> My understanding is that the two tone test is to set the modulation
> level in ssb rigs.
> Cal

If I remember correctly, there is a test for FM deviation that makes use of the sidebands generated by one single tone of a carefully chosen audio frequency. At a certain deviation the amplitude of one of the sideband components of the FM signal becomes zero. On an SSB (AM?) receiver one should then be able to hear the interference disappear. I have done this test to set the maximum deviation of my homebrew FM rig, but that was long ago and the rig is now defunct.

I remember seeing the method described in the Radio Amateur Manual for 1994 by the ARRL. Or at least the theory behind it.

So, read the FM (pun intended).

--... ...-- -.. . --- .... ..--- --.. .- --..
Arjen Raateland, SAS Support
Finnish Environment Agency
Helsinki, Finland
.-.-. -.-

2489. Re: G4PZY paddles

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <44ejkm$dpv@solaris.cc.vt.edu>
Source record: 211927

I've tried several paddles over the years and the two that I like the best are the Mercury which is made by N2DAN and the Schurr. The Mercury is my hands-down favorite but also expensive. The Schurr paddles and keys are also beautiful and operate in an extremely precise manner. As per the other note, the Vibroplex iambic is also a great key.

2490. Re: Two-tone FM deviation test? HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <44e80q$krl@mgate.arrl.org>
Source record: 211928

WB4HVD ct@onr.com (Charlie Thompson) wrote:
>I was told that there is a technique to set FM transmitter
>deviation by using two audio tones.
>
>Has anyone used this technique or know of references?

Never heard of it. Actually, you just need one tone to
set the deviation. The problem most people run into with
measuring the deviation is somehow monitoring the output
with a calibrated instrument. A spectrum analyzer works
great--I use an HP 8563E to measure deviation in
the ARRL Lab.

Not sure what two tones would buy you--it doesn't solve
the problem that the most handy instrument, a 2 meter
FM receiver, often has unknown filter and bandwidth
characteristics that make it useless for accurately
setting deviation. If you have an SSB receiver, you can
use what is known as the Bessel null method, which involves
nulling the carrier with a single audio input tone.

Zack KH6CP/1
zlau@arrl.org

2491. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: eeb@access.digex.net
Message-ID: <44elsr$f6d@news3.digex.net>
Source record: 211929
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

rutledge@enuxsa.eas.asu.edu (Shawn T. Rutledge) wrote:

>: Okay, now here is "not" a recommendation. Many/most Amateur Dual
>: Band and 440 UHF radios can be "fixed" to go up into the GMRS band. I
>: know of many people who happen also to be licensed hams, that are
>: running modified ham radios so they don't have to buy another radio.
>: This option, while highly illegal, is considered to be cheaper than

>Why would that be illegal? It doesn't make sense, if it's legal for a
>specific person to operate on two different bands, that he couldn't use one
>radio for both.

The mod for the radio is not illegal but its use would be. The radio
is not type certified for that use. Many people do it however.

Allen

****
ELECTRONIC EQUIPMENT BANK Sales- 800 368 3270
323 Mill St. N.E. Fax- 703 938 6911
Vienna, VA 22180 BBS- 703 938 3781
* Internet: eeb@access.digex.net *
* Compuserve: 73424,1345 *
* Amateur Radio--Shortwave Radio *
* Scanning Radio--Commercial Radio *
****

2492. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: Marty Jones <mjones@mw9>
Message-ID: <44ene1$j5q@mksrv1.dseg.ti.com>
Source record: 211930

> : : : Drew Durigan (VUBS79A@prodigy.com) wrote:
> : : : : What great timing! I just passed my tests this past weekend and should
> : : : : be getting my Tech-Plus ticket soon. My 2510's all ready to go on 10-
> : : : : meters (finally get to use that radio for it's "intended" purpose :-),
> : : : : but I need to get me a good, inexpensive 2-meter rig to get started with.
>
>
> : : : : I understand Radio Shack has put the HTX-202 on sale for $199 this month.
> : : : : Is this a good radio or another one of those famous "Rat Scrap Lemons?"
> : : : : Is it worth $199, or would I do better elsewhere?
>

Drew,

You've gotten plenty of comments by now on the radio, so I won't add to the mess. I will, however, advise you NOT to pay $199 for it (unless you're in a big hurry).

Do you have a big hamfest coming up anywhere nearby? At the Dallas Ham-Com this year, Radio Shack had an entire 18-wheeler full of goodies, including refurbished HTX-202s. These factory-reconditioned units were going for $75. Interesting thing was they would also sell you the same service agreement that is available for new merchandise. So, for about $100, you could get a like-new reconditioned unit and a service policy to guarantee the work.

Another option would be to buy the Maxon(?) equivalent radio. I have been told that these may be had new for a street price in the $125 range. I believe one source is El Paso Communications, but I don't have their number.

Good Luck!

Marty Jones N5XEQ

mjones@ms3.dseg.ti.com

2493. Electronic component enquiry

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: Chong Chee Wah <ccw@akltml.po.my>
Message-ID: <44dcrl$9lp@jaring.my>
Source record: 211931

I am having great difficulty in finding a three legged part with
the identification UA43 (maybe UJT or maybe SCR)
Please anyone out there help me and advise what it is and where
can I get hold of it.

Thanks.

2494. Re: G4PZY paddles

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: cph@zurich.ai.mit.edu
Message-ID: <44ep5v$r28@GRAPEVINE.LCS.MIT.EDU>
Source record: 211932

kenman@iastate.edu (Kenneth D Anderson) wrote:

> Do any of you use the G4PZY paddles? How do they compare to Benchers? I'm
> not particularly happy with my Benchers and am thinking og getting something
> different.

I haven't tried the G4PZY, but I really love my Kent paddle. It's
very solidly built, has a smooth feel, and is reasonably priced,
especially if you buy it in kit form.

2495. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <44equf$1hrk@usenetw1.news.prodigy.com>
Source record: 211933

Hi Marty,

Well, I already "took the plunge" and bought a new 202 for $199 (yeah,
I'll admit...I was a bit anxious to get on-the-air :-)

But then again, I still have about 10 days left on the 30-day return
policy...so if I can find something better by then, I'm game. The Maxon
sounds interesting as does a used 202 for $100 with the TSP included.

Can I find either of these anywhere around Charlotte?

-Drew in Charlotte-
KF4DDM

2496. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: screa@aol.com
Message-ID: <44err7$871@newsbf02.news.aol.com>
Source record: 211934
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

Subject: Re: GMRS radio - features/price...
From: eeb@access.digex.net (Allen Hansen, EEB)
Date: Thu, 28 Sep 1995 17:25:12 GMT
Message-ID: <44elsr$f6d@news3.digex.net>

rutledge@enuxsa.eas.asu.edu (Shawn T. Rutledge) wrote:

>: Okay, now here is "not" a recommendation. Many/most Amateur Dual
>: Band and 440 UHF radios can be "fixed" to go up into the GMRS band. I
>: know of many people who happen also to be licensed hams, that are
>: running modified ham radios so they don't have to buy another radio.
>: This option, while highly illegal, is considered to be cheaper than

>Why would that be illegal? It doesn't make sense, if it's legal for a
>specific person to operate on two different bands, that he couldn't use
one
>radio for both.

The mod for the radio is not illegal but its use would be. The radio
is not type certified for that use. Many people do it however.

Allen

My question is, has anyone every been caught for using a non type accepted
radio in the GMRS band (or commercial). How could the FCC tell what type
of radio you are using without sitting in the car with you?

2497. Aviation Headset use with HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: Rhett Westerman <rhettw@tyrell.net>
Message-ID: <DFMsyy.25J@tyrell.net>
Source record: 211935

Hello all,

I saw a post here a few weeks ago offering information or instructions
on how to interface an HT to aviation headsets. I think the design
consisted of $5.00 worth of radio shack parts.

Does anybody have this post or know how to build such an interface?

Rhett Westerman
Rhettw@tyrell.net

2498. Re: G4PZY paddles

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DFn0u6.5Fv@iglou.com>
Source record: 211936

Don't know about G4PZY paddles. Hope they aren't like G5RV antenna. I've had benchers and think they feel to light. While at the Dayton fest, I fell in love with a Schurr paddle. This baby cost 230 bux but man, what a feel. I went over to the dealers both and bought one. He was cheaper than the importer. They come from Germany and are hand made. Try calling the "Ham Station" in Evansville, IN if you want one. 73

Kenneth D Anderson (kenman@iastate.edu) wrote:

: Do any of you use the G4PZY paddles? How do they compare to Benchers? I'm
: not particularly happy with my Benchers and am thinking og getting something
: different.

: THANKS!!!!!

: 73, Ken

: --
: ***
: Ken Anderson N0ZEM PH: 515.294.8996 Kenman@iastate.edu
: 126 Soil Tilth Bldg. N0ZEM@KI0Q.#CIA.IA.USA.NA
: Iowa State University, Ames, Iowa 50011
--
Steve
n4lq@iglou.com

2499. Re: ON-Line no-code license

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <44f9bu$54p@over.mhv.net>
Source record: 211937

Lou Haas (dx406@cleveland.Freenet.Edu) wrote:

: Is there a way to take the test on-line?

No

Tom - KB2SMS

2500. Need help building amp.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: hillgen@gladsheim.rutgers.edu
Message-ID: <44fadf$6cu@gladsheim.rutgers.edu>
Source record: 211938

I am looking to build a 2 meter amp. suitable for FM use that will provide 500-1000 watts output. I know that it can be done and I've even seen plans for one in and ARRL handbook but I have no idea where to start (the handbook isn't great on detail) or even get the needed parts. I have a reasonable amount of test equip (dmm, scope, spectrum analyzer, freq counter, and signal/pulse generator) Anyone who can provide good plans or point me in the right direction? Thanks!
Jay
hillgen@eden.rutgers.edu

2501. Can Alinco DJ-G1E be modifyed to transmit in UHF??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: Aluiscor@telepac.pt
Message-ID: <44fccf$lvc@vivaldi.telepac.pt>
Source record: 211939

I've an Alinco DJ-G1E it covers from 108Mhz to 174Mhz 400 to 511 and
from 800 to 999.TX is from 130Mhz to 174Mhz(FM).
Is there any way to modidy the radio to transmit in UHF??

2502. Re: G4PZY paddles

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: nmcewen@fohnix.metronet.com
Message-ID: <44fnsh$t5j@fohnix.metronet.com>
Source record: 211940

I have used many different paddles over the years and always come back to
my Brown Bros. model BTL paddle. It is a real fine instrument !!!!!!!!
--

73 de K5RW - Neal McEwen - Richardson, TX (Dallas)
******** I collect old telgraph and wireless telegraph keys *********
HomeNet - nmcewen@metronet.com - OS/2 tcp/ip SLIP
HomePage - http://fohnix.metronet.com/~nmcewen/techno_weenies.html

2503. Re: HF rig on battery power. Erratic output. Suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: "Edwin J. Bailen" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.950928220331.12074A-100000@matrix.eden.com>
Source record: 211941

On Tue, 26 Sep 1995, D434-Richard_A_Ferguson(Richard)x82612 wrote:

> From article <449754$rpj@ixnews6.ix.netcom.com>, by scicon@ix.netcom.com (Dan Walker):
> > I am trying to run my Atlas 210x rig from a 6.5 AH gel-cell battery in
> > my version of the 'camper's portable ham shack' I built from an article
> > in QST (I think it was last April).
> >
> > The problem is that I can't get the rig output power to stabilize. It's
> > very erratic, jumping from 4 to 50 watts. Of course when it jumps up,
> > it sucks the battery dry! When I turn the knob my power meter jumps all
> > over the place. I'm trying to get it to run at 5 watts, but it won't
> > stay.
> >
> > When I connect the rig back to the power supply in the shack, it works
> > normally, allowing smooth, stable output adjustment from 1 to 100
> > watts.
> >
> I'm editing here.
> >
> > Thanks and 73 de Dan, KE6LBX
> >
> I use an ATLAS 210X as my primary HF radio.
>
> The ATLAS 210X has two -12V inputs. One of these inputs, per the manual,
> is supposed to be regulated, relatively low current. The other input
> does not need to be carefully regulated, and drives the RF amplifier
> section(s). I have also had poor success operating off battery.
> In fact, I only transmit from my car with the motor running. I suggest
> that you try two batteries, one for each input, and see if that solves
> the problem.
>
> Note that many radios are picky about voltage, and exhibit FMing and
> other problems when operating from a battery at about 12 volts.
> (I have done considerable portable and backpack operation, mostly
> for VHF contests).
>
> 73 and good luck
> Richard Ferguson KA0DXM
>
> My opinions are my own, not those of my employer.
>
>
I agree with Richard's suggestion, but since you are apparently trying to
run QRP, you might also want to try using the ALC input on pin 4 of the

AUX socket. Note that the Atlas uses a POSITIVE-going ALC voltage which is opposite from most rigs. You would probably want to source the ALC voltage from a different (small) battery.

2504. Re: Two-tone FM deviation test? HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: "Edwin J. Bailen" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.950928221813.12074B-100000@matrix.eden.com>
Source record: 211942

From the ARRL publication: "FM and Repeaters", (1978), Chapter 11:

Measurement of Deviation Using Bessel Functions

"Using a math relationship known as the Bessel function, it is possible to predict the points at which, with certain audio input frequencies, and predetermined deviation settings, the carrier output of a FM transmitter will disappear. So, by monitoring the carrier frequency with a receiver, you can identify by ear the deviation at which the carrier is nulled. A heterodyne signal at either the input or receiver I-F is required for the carrier to produce an easily identified beat note. When making the test you have to concentrate because other tones are produced in the modulation process. With an audio tone selected from the chart, advance the deviation control slowly until the first null is heard. If you want a higher order number, continue advancing the control further until the second, and then the third, null is heard. Using a carrier null beyond the third is generally not practical.

For an example, if a 905.8-Hz tone is used, the transmitter will be set for 5-kHz deviation when the second null is reached.

---DEVIATION ACHIEVED IN KHZ---
Audio Freq. 1st Null 2nd Null 3rd Null
905.8 2.18 5.00 7.84
1000.0 2.40 5.52 8.65
1500.0 3.61 8.28 12.98
1811.0 4.35 10.00 15.67
2000.0 4.81 11.04 17.31
2079.2 5.00 11.48 17.99
2805.0 6.75 15.48 24.27 <end quote>

I haven't tried this (I use a 40-year old deviation meter), and I don't have the original source. This was transcribed from a different forum. Take it for what it's worth.

Ed Bailen -- N5KZW
Information Systems should be tools, not excuses.

On 26 Sep 1995, Charlie Thompson wrote:

> I was told that there is a technique to set FM transmitter
> deviation by using two audio tones.
>
> Has anyone used this technique or know of references?
>
> Thanks in advance,
>

> Charlie
> WB4HVD
>
>

2505. Antenna connectors on IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: mark@newsserver.rdcs.Kodak.COM
Message-ID: <44fpsi$8ea@park.rdcs.kodak.com>
Source record: 211943

I am in the final stages of deciding on a IC706
but would like to know how they get the 3 bands
out to the antennas. Are there 3 connectores
or are all 3 bands tri-plexed on one connector?

Please post an answer to this!

Thanks

--

Mark Hilliard, N2HHR
mark@kodak.com

2506. Re: PC Electronics ATV Gear Any Good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: eus.eusmge@memo.ericsson.se
Message-ID: <44f4se$dem@cnn.exu.ericsson.se>
Source record: 211944

jmaynard@admin5.hsc.uth.tmc.edu (Jay Maynard) wrote:

>Ever looked at one on a spectrum analyzer? They're crap. They don't even
>pretend to adhere to the standard TV signal output; it's DSB, with
>significant energy well outside the 6 MHz channel it's supposed to occupy.

I'm glad I'm not the only one who thinks it's crap. Try keeping the
4.5 MHz sound sub-carrier on frequency. Yeah, right.

I'm now using comercial CATV gear. Nice difference, but still too
much interference on UHF (packet and radar mostly). The BEST signals
around are the guys transmitting/recieving FM video in the 1.2 and 2.4
GHz bands. Wow, what a picture! I'll be there soon too. --Mike

2507. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: allferd@cruzio.com
Message-ID: <DFLF4t.CMC@cruzio.com>
Source record: 211945

I've had mine for about two years (I think) it still works great and now it works
better since I put the wrong antenna on it. The antenna from my Pro 43
scanner works better with the handie talkie than the original antenna.
Go figure, still a great radio, altho I carry it and the scanner and look
like a total nerd just to have the extended receive capability.
73
Allen
N6ULV

2508. Recomend 2m Base Station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-28 00:00:00 UTC
From: geotek@netropolis.com
Message-ID: <NEWTNews.812336396.24992.geotek@geotek.netropolis.net>
Source record: 211946

Does anyone have ideas about the selection of a base station all mode xcvr for two meters? I think a unit that is one or two generations back would be a good choice. I want to be able to work on and/or modify the xcvr. It should have FM, CW, and SSB modes. Switchable filters would be good for SSB data as well as voice. If you have had good experience with a particular unit, let me know.

2509. PRODUCT REVIEW: TIMEWAVE TECHNOLOGY DSP-9+ AUDIO FILTER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: mc@shore.net
Message-ID: <44gkk8$4ik@northshore.shore.net>
Source record: 211852
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

REVIEW: TIMEWAVE TECHNOLOGY AUDIO DIGITAL SIGNAL PROCESSING FILTER DSP-9+

There's been a lot of folks cussin' and discussin' the latest technology to improve reception of amateur radio CW, SSB and data reception. Since my main ham radio interests lie in the area of older and esoteric equipment I have followed this closely. For years I have used a Datong FL-3 audio filter which is essentially a capacitive device. I was satisfied with its peformance especially when it eliminated heterodynes and whistles.

Howver, advances in technology have produced a new crop of audio signal processors that utilize digital techniques and they go beyond the basic audio filters of the past. The TIMEWAVE TECHNOLOGY DSP-9+ I recently played with showed me that very quickly.

Here's essentially what it does: The DSP-9+ examines a characteristic of noise called correlation, the degree of which is relative and filters out signals and noise that are outside its parameters without little degradation of the wanted audio. In addition, the DSP-9+ has bandpass filters which can improve a signal with a poor signal-to-noise ratio. An internal jumper selects the filter set, either 1.6, 2.0 and 2.4 or 1.8, 2.4 and 3.1 KHz for fone. CW fans will find 18 different CW filters. For Collins Radio fans (like me!) the DSP-9+ offers a choice of a special filter set just for us selected by changing a jumper.

Finally, for the digital modes, the DSP-9+ offers four data bandpass filters for the five popular data modes - RTTY, AMTOR, PACTOR, G-TOR and Kantronics' G-TOR. Center frequency for the data filters can also be selected by jumper to accomodate the different mark-space frequencies used. RTTY enthusiasts will appreciate the RTTY remodulator circuit which demodulates the incoming noisy signal, digtially recovers the data and drives an internal AFSK generator, feeding a precise signal to any multimode controller or terminal unit.

In addition to the above features, the TIMEWAVE DSP-9+ has a switch selectable output automatic gain control and a self-test mode to check proper opertion and installation of the DSP-9+. Installation is very easy - provide 12-16VDC @ 1A, receiver audio input, PTT input and audio output providing 2.5 Watts into a 4 Ohm or 1.6 Watts to an 8 Ohm loudspeaker. Headphones can, of course be used and there's an additional audio output jack to a 600 Ohm load. The DSP-9+ is housed in a high-quality extruded aluminum case - not a cheap folded metal case like the others I've seen.

Instead of going into the details of operation, suffice it to say that some time spent with the unit and the manual will be well spent. The controls consist of one knob and seven push-button switches on the front

panel that adjust the audio output level, operating mode and operational parameters of the unit. Of course, the DSP-9+ can b totally bypassed when not in use.

I tried the TIMEWAVE DSP-9+ on two receivers: Collins 75S-3C and National HRO-5 and two transcievers (Collins KWM-2A and ICOM IC-735). The fact that this current technology can be applied to these vennerable classic radios without modification is particular appealing to me. The 75S-3C has 2.1 and 500 Hz Collins mechanical filters (the best in their time!) with extremely sharp skirts. Unfortunately I was never able to pick up the 200 Hz Collins crystal filter which I would have liked to have for this test. Using the DSP-9+ showed me that I can stop looking. The DSP-9+ skirts are very sharp and can be closed down to 100 Hz and still produce a copyable CW signal that cannot be heard at wider bandwidths. It is impressive! The KWM-2A is a later production of the first SSB transciever designed in the mid 1050s and, although you can send CW with it, has only one bandpass of 2.1 KHz as determined by the mechanical filter. The two things I found lacking in the KWM-2/2A transcievers is selectivity and receiver offset tuning or RIT. The TIMEWAVE DSP-9+ takes care of the former. The latter can be a reality thanks to a RIT mod kit offered by John Webb, W1ETC.

I loaned the TIMEWAVE DSP-9+ to a friend of mine who is really into RTTY monitoring and he reported that he was very impressed with its performance using it with his M-8000 terminal unit. He said he was able to copy some very weak and noisy signals thanks to the RTTY remodulator.

All in all I was very impressed by the TIMEWAVE TECHNOLOGY DSP-9+. I like the fact that it is totally external to the equipment and can be used on many different radios without any modification to them. Collectors of vintage comminucations equipment will appreciate this greatly. The DSP-9+ makes these wonderful old "boatanchors" fully usable in today's crowded amateur bands, especially on CW. The DSP-9+ is a nice piece work and, made in the U.S.A.

%T TIMEWAVE TECHNOLOGY, INC
%A DSP-9+
%I audio filter, noise filter, bandwidth filter
%C 2401 Pilot Knob Road, Saint Paul, MN 55120 USA
%D 612-452-5939 FAX: 612-452-4571 E-mail: dsp@timewave.com7
%P Mfgr's S.R.P. $209 Average street price: $200

(C) 1995
Michael Crestohl, KH6KD/W1
Nahant Massachusetts USA
mc@shore.net

DISCLAIMER: I have no interest, financial or otherwise, in the success or failure of the book or materials reviewed herewith, nor have I received any compensation (other than a review copy requested by me) from anyone who has such an interest. All opinions expressed are strictly my own.

Other Internet and Aviation book/software reviews by me can be obtained
by anonymous FTP from: x2ftp.oulu.fi in the /pub/books/crestohl directory.

2510. Re: FT-51R software cloning (and extended receive freqs)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: wright@onramp.net
Message-ID: <wright-2909950653020001@jbw.csbsdal.org>
Source record: 211853

In article <44g52b$gvp@ixnews2.ix.netcom.com>, willhelm@ix.netcom.com (BILL DILLSTROM) wrote:

> I recently purchased the software program for cloning and programming
> the FT-51R handhelds. About a month ago i saw a message here on this
> newsgroup talking about changing one number in one of the files
> associated with this software to extend the receive freqs to cover 100
> mz to over 700 mz. I saw two postings about this mod and evidently it
> was implemented successfully. Any information on this would be greatly
> appreciated. Please email with info.....Tnx....Bill in Las Vegas....

Bill:

I was curious, so I called both Yaesu tech support and RT Systems (the makers of the programming software).

Yaesu said it wasn't a "recommended mod", but that the software freq change using the programmer shouldn't hurt the radio.

When I called RT Systems, the gentleman I spoke with said the radio was only capable of receiving from 100-180 and 375-525 MHZ. Anything out of those freqs would not be heard at all...

Does this help you any?

The actual mod:

Go to win.ini and look for a section that contains ALLOWANYFREQUENCY = 0. Change the 0 to a 1. RESTART WINDOWS. You can then program in just about any frequency FROM YOUR PC...THIS DOESN'T CHANGE THE KEYPAD ENTRY, but only freqs in the range above will be heard.

Regards,

jeff wright
kc5nez

2511. CHEAP RADIO NEEDED... READ THIS PLEASE!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <44govb$qtk@newsbf02.news.aol.com>
Source record: 211854

Hello,
Does anyone have any CHEAP I mean CHEAP VHF or UHF radios? I don't care what it looks like personally...just that it's KEYBOARD entry or even if it's eprom or crystal as long as you program it for me before I buy it.... HT or Mobile... Whatever is cheaper for you!

If it's UHF and has at least 4 Channels I need it on Freqs:
444.4400 MHz Simplex
462.6750 MHz GMRS OUTPUT For
Repeater
467.6750 MHz GMRS INPUT For
Repeater
462.6000 MHz GMRS Simplex
Or if this radio is only a 2 channel then
444.4400 Simplex
462.6000 Simplex
If it has more then 4 channels leave all the others blank

If it's VHF and has at least 4 channels I need it on Freqs:
144.4400 MHz Simplex
154.7700 MHz EMA

146.7600 MHz Ham Radio
Repeater OUTPUT
146.1600 MHz Ham Radio
Repeater INPUT

Or if this radio is only 2 channels then
144.4400 MHz Simplex
146.7600 MHz Ham Radio Repeater
OUTPUT
if the rado has more then 4 channels leave the others blank

Also, I need DTMF if possiable... if not that's ok too!

Thanks and hope to hear some replys soon... N9MXT1 - Jeffrey
N9MXT - Jeffrey

2512. Re: CW paddles

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: ga19989@evax01.d51.lilly.com
Message-ID: <1995Sep29.075042.1@evax01.d51.lilly.com>
Source record: 211855

I am perfectly happy with my Kent paddle... heavy enough I can't slide it
around the sesk top when I get excited over a new country QSO... yet a
very light touch and practically zero contact gap....
And the cost for the kit is much lower than for the Jones... maybe not as
pretty, but it does the job
Mel, KJ9C

In article <44celu$v55@omnifest.uwm.edu>, fedpress@omnifest.uwm.edu (Rick Kissell) writes:
> I can't offer an opinion about the G4PZY, having never used one, but I'm happy
> with my Jones Key paddle. As a former bug user, I found the Benchers too
> light for my (excuse the expression!) ham-fisted touch. John Rehak, N6HI
> wrote an article on "Iambic Keyer Paddles" that was published in the Dec. '92
> issue of 73 magazine. It's worth looking over, although some of the paddles
> listed are no longer available.
>
> 73,
>
> Rick WB9GYT
>
> PS - The British ham magazine "Practical Wireless" is offering discounts on
> Jones Key paddles for new subscribers. Even including the price of an airmail
> sub, the paddle prices are lower than direct purchase from their US
> distributor, Palomar Engineers.

2513. Re: FT-51R software cloning (and extended receive freqs)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: jdu@ihgp6.ih.att.com
Message-ID: <DFo5Gv.GEr@ssbunews.ih.att.com>
Source record: 211856

On a related topic, does anyone know of any documentation on the actual protocol used between the radio and the computer? Since I use a Mac, the software that Yaesu sells is useless to me. Looking at what it does, I think I could cobble together a usable Mac version without too much trouble if I had the spec.

John Unruh

2514. Need specs for RS-1002A tube

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: david_mcgee.mailcenter#u#17@maca.sarnoff.com
Message-ID: <david_mcgee.mailcenter#u#17-290995082622@130.33.11.36>
Source record: 211857

I recently scrounged a Siemens RS-1002A tube and socket. It looks very much like a 4-400, which I use in my HF final. It appears to be a tetrode with a 5V filament. Anyone out there with a Siemens tube data book??

Dave N3AHF

2515. OHR e-mail address

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: mikec@primenet.com
Message-ID: <mikec.21.006F8F81@primenet.com>
Source record: 211858

Try ohrqrp@aol.com...

2516. Re: PRODUCT REVIEW: TIMEWAVE TECHNOLOGY DSP-9+ AUDIO FILTER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <44hhfh$4fe@newsbf02.news.aol.com>
Source record: 211859

In article <44gkk8$4ik@northshore.shore.net>, mc@shore.net (Michael Crestohl) writes:

>Here's essentially what it does: The DSP-9+ examines a characteristic
>of noise called correlation, the degree of which is relative and filters
>out signals and noise that are outside its parameters without little
>degradation of the wanted audio. In addition, the DSP-9+ has bandpass
>filters which can improve a signal with a poor signal-to-noise ratio.
>An internal jumper selects the filter set, either 1.6, 2.0 and 2.4 or
>1.8, 2.4 and 3.1 KHz for fone. CW fans will find 18 different CW
filters.
>For Collins Radio fans (like me!) the DSP-9+ offers a choice of a special
>filter set just for us selected by changing a jumper.
>
>Finally, for the digital modes, the DSP-9+ offers four data bandpass
filters
>for the five popular data modes - RTTY, AMTOR, PACTOR, G-TOR and
Kantronics'
>G-TOR. Center frequency for the data filters can also be selected by
>jumper to accomodate the different mark-space frequencies used. RTTY
>enthusiasts will appreciate the RTTY remodulator circuit which
demodulates
>the incoming noisy signal, digtially recovers the data and drives an
>internal AFSK generator, feeding a precise signal to any multimode
>controller or terminal unit.
>
>In addition to the above features, the TIMEWAVE DSP-9+ has a switch
>selectable output automatic gain control and a self-test mode to check
proper
>opertion and installation of the DSP-9+. Installation is very easy -
provide
>12-16VDC @ 1A, receiver audio input, PTT input and audio output providing
>2.5 Watts into a 4 Ohm or 1.6 Watts to an 8 Ohm loudspeaker. Headphones
can,
>
>of course be used and there's an additional audio output jack to a 600
Ohm
>load. The DSP-9+ is housed in a high-quality extruded aluminum case -
not a
>cheap folded metal case like the others I've seen.
>
>Instead of going into the details of operation, suffice it to say that
>some time spent with the unit and the manual will be well spent. The

>controls consist of one knob and seven push-button switches on the front
>panel that adjust the audio output level, operating mode and operational
>parameters of the unit. Of course, the DSP-9+ can b totally bypassed
when
>not in use.
>
>I tried the TIMEWAVE DSP-9+ on two receivers: Collins 75S-3C and National

>HRO-5 and two transcievers (Collins KWM-2A and ICOM IC-735). The fact
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>this current technology can be applied to these vennerable classic radios
>without modification is particular appealing to me. The 75S-3C has 2.1
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>500 Hz Collins mechanical filters (the best in their time!) with
extremely
>sharp skirts. Unfortunately I was never able to pick up the 200 Hz
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>crystal filter which I would have liked to have for this test. Using the
>DSP-9+ showed me that I can stop looking. The DSP-9+ skirts are very
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>and can be closed down to 100 Hz and still produce a copyable CW signal
>that cannot be heard at wider bandwidths. It is impressive! The KWM-2A
>is a later production of the first SSB transciever designed in the mid
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>and, although you can send CW with it, has only one bandpass of 2.1 KHz
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>determined by the mechanical filter. The two things I found lacking in
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>KWM-2/2A transcievers is selectivity and receiver offset tuning or RIT.
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>thanks to a RIT mod kit offered by John Webb, W1ETC.
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>monitoring and he reported that he was very impressed with its
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>using it with his M-8000 terminal unit. He said he was able to copy some
>very weak and noisy signals thanks to the RTTY remodulator.
>
>All in all I was very impressed by the TIMEWAVE TECHNOLOGY DSP-9+. I
>like the fact that it is totally external to the equipment and can be
used
>on many different radios without any modification

2517. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: gsk@khaki.esd.sgi.com
Message-ID: <44hj9k$khn@gazette.engr.sgi.com>
Source record: 211860
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

> $590 vertex (yaesu) vx500
> my current top choice. 5W/1W, 32 channels, mil spec, 9 hr batt,
> ctcss/dtcs, 19 oz, 5.9" x 2.3" x 1.6", fully hand-programmable!

. . .

> $??? icom ic-f40
> slightly smaller/lighter, 16 ch, not mil spec, not hand-programmable
> (you need to buy software and cable), wider freq range (430-470)

i just called icom and asked some more questions about the f40-LT
(a version of the f40 that has a keypad) and it's looking better.

they claim it's mil spec 810CDE, even though the brochure
didn't say so. that says something about its durability.

also, dealers can set it up for hand-programming.

it's the only radio i know of that's targeted at the 450-470 commercial
band but can also receive and transmit in the 430-450 Mhz ham band.

does anyone out there have or know anything about the icom f40-LT
or the vertex vx500?

George

2518. Re: PC Electronics ATV Gear Any Good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDFonLJ.I9L@netcom.com>
Source record: 211861

Mike Groves (eus.eusmge@memo.ericsson.se) wrote:
: jmaynard@admin5.hsc.uth.tmc.edu (Jay Maynard) wrote:

: >Ever looked at one on a spectrum analyzer? They're crap. They don't even
: >pretend to adhere to the standard TV signal output; it's DSB, with
: >significant energy well outside the 6 MHz channel it's supposed to occupy.

: I'm glad I'm not the only one who thinks it's crap. Try keeping the
: 4.5 MHz sound sub-carrier on frequency. Yeah, right.

: I'm now using comercial CATV gear. Nice difference, but still too
: much interference on UHF (packet and radar mostly). The BEST signals
: around are the guys transmitting/recieving FM video in the 1.2 and 2.4
: GHz bands. Wow, what a picture! I'll be there soon too. --Mike

Interesting... Perhaps I should have said what I wanted to do with the
equipment and asked for a more general recommendation.

The local club here (W6CX) has an ATV repeater with an input on 1.2
GHz and output on 70 cm. I'm not sure if the repeater input is FM or
AM, but I suspect it's FM. I don't have any equipment for either of
these free frequencies, so I need both an ATV receiver (70 cm) and a
transmitter (1.2GHz).

What should I get? PC Elctronics, some other amateur gear, or should I
get commercial? What is the relative cost of commercial vs. amateur
gear?

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

2519. Looking for technical data on ICOM H16T Rx/Tx

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: supermag@dialup.francenet.fr
Message-ID: <44hkkb$pdn@chleuasme.francenet.fr>
Source record: 211862

I'm looking the way
-to setup new channels,
-to modify current channels
-or to remove some old channels
My Rx/Tx an ICOM H16T has been tuned by vendor and
my manual DOES NOT explain how to proceed with frequency tunning.
Each time I need some new frequencies, I have to send back my Rx/Tx
to the vendor and to wait one or two weeks for get it back to me.

PS: I don't use this Rx/Tx for myself, but for a charitable
association which provides all legal permits needed for frequency
use, and which also often changes, adds or removes some frequencies.

Please answer by mail to supermag@dialup.francenet.fr ,
(and don't expect too quick answer)
Thanks.

2520. FT901DM WARC mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: KOELG@CUNYVM.CUNY.EDU
Message-ID: <95272.163403KOELG@CUNYVM.CUNY.EDU>
Source record: 211863

Am looking for info to modify a FT901DM for use on the WARC bands. I'm mostly
interested in 12 and 17 meters. Would appreciate if someone could point me in t
he direction of some descriptive articles.
AE2J Al koelg@cunyvm.cuny.edu

2521. RACAL RECEIVER PARTS & ASSEMBLIES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <44h5cq$17c@newsbf02.news.aol.com>
Source record: 211864

I have a lot of factory new crystal lattice filters ($ 200 ea new),
plug-in subassemblies, shaft encoders, etc etc for
RA-6772E
RA-6778
RA-6778Q

receivers
E-Mail your needs to RADIOMATT@AOL.COM

2522. Radio repair service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <44htis$a2k@crow.cybercomm.net>
Source record: 211865

Has anyone had any experiences good/bad with AVVID repair from
Austin, Texas?

They have a flat repair rate of $65 plus parts.

They repair Kenwood and possibly Icom. Please respond either
here or at my address: stever@raven.cybercom.com

Thanks,
Steve, WA2NHZ

2523. WANTED - 2 Meter Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: jsollows@direct.ca
Message-ID: <44hvft$f5c@grid.Direct.CA>
Source record: 211866

I am looking for a 2 meter mobile. Must be synthesized with extended receive converage. If you have one you care to part with contact me via e-mail.

Jim Sollows VE7JLS
jsollows@direct.ca

2524. Re: Icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDFoxvF.tF@netcom.com>
Source record: 211867

In article <44ce15$26q@globe.indirect.com> jeffd@coriolis.com (Jeff Duntemann) writes:
>eeb@access.digex.net (Allen Hansen, EEB) wrote:
>
>(regarding the new IC706)
>
>>Price is $1299. Not sure about the duty cycle. I saw one last night
>
>I don't think it has an internal power supply, so if littleness is an
>issue, consider that you'll need a chunky supply to feed it. I bought

Ten-Tec makes a 12V 9 (?) amp switcher. I believe the 706 can have it's
output power set from 5 to 100 watts in 5 watt steps or something like
that. Anyway, my plan is to use the ten-tec switcher and the 706 at
a reduced power setting.

73 Dave WB0GAZ dgf@netcom.com

2525. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: roy5715936@aol.com
Message-ID: <44htqc$8c2@newsbf02.news.aol.com>
Source record: 211868
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

Here is a thought.

I have been refurbishing and selling a 16 channel 32 watt, user programable radio.
made by fujitsu, it is a high quality type accepted radio. it will work perfectly in the GMRS service, in fact it was made for this type of service. A user can program the radio. no dealer required.

i have been selling them complete for 200.00 including shipping.

2526. Re: PC Electronics ATV Gear Any Good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: John Maetta <maetta@rns.com>
Message-ID: <44hurb$ji3@cmchub.rns.com>
Source record: 211869

Hello Jerry, I use the PC Electronics TCV-10 10 watt transceiver and it works great. The 25 member Lompoc,CA. ATV group uses PC Electronic's equipment with the exception of one member who wanted to build his own. This member built a transmitter and downconverter from North Country Radio.

We now have 13 transmitting stations and the remaining tune us in with their downconverters.

Regards,

John Maetta

maetta@terminus.com

2527. Re: HELP: Reinforcing COMET/DIAMOND ANT For Severe Weather Survival

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: djarrell@pixi.com
Message-ID: <44h59q$5c6@rigel.pixi.com>
Source record: 211870

I had a similar requirement a year or two back and solved it by obtaining an old discarded Phelps Dodge Stationmaster. I removed the elements buy cutting off the corona cap and sliding the elements out of the fiberglass raydome (from the bottom) using a couple of allen wrenches. Then slid the Diamond inside the empty, but very rigid Stationmaster shell. This antenna will be around long after I'm gone. Best of luck.

Dave
AH6OB
Honolulu
==========

In article <44frmp$2pg@news2.cts.com>,
smh@cts.com (Stu Hacken) wrote:
>Has anyone (successfully or unsuccessfully) encased a Diamond or
Comet
>multi-band antenna in Heavy-Wall PVC or ???
>
>I need to use a tri-band (2m/440/1.2 GHz) on a 9,000' foot
mountain that
>has fierce weather in the winter. High winds, icing, snow, etc.
etc.
>
>Cannot use conventional SuperStationmaster, SCALA, DB products
as I need
>muti-band operation with one antenna and line.
>
>Any comments or suggestions?
>
>73'
>
>Stu, WV6H
>

2528. Which lapel mic/PTT switch works with HTX-202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: maverick@csulb.edu
Message-ID: <44h9au$3ll@garuda.csulb.edu>
Source record: 211871

Hi,

I was wondering if anyone knew which lapel microphone & PTT switch will work with the Radio Shack HTX-202 2 meter? I understand the Yaesu works, and the Standard might work on low gain. Does anyone know if the Icom, Kenwood or Alinco will work?

Thanks for the advice and feel free to email me directly if you wish.

2529. Standard C158A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: nick87215@aol.com
Message-ID: <44g4a2$ns4@newsbf02.news.aol.com>
Source record: 211872

Does anyone have the MARS/CAP mod for this radio?

or anything else interesting...

Nick

2530. FT-51R software cloning (and extended receive freqs)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: willhelm@ix.netcom.com
Message-ID: <44g52b$gvp@ixnews2.ix.netcom.com>
Source record: 211873

I recently purchased the software program for cloning and programming the FT-51R handhelds. About a month ago i saw a message here on this newsgroup talking about changing one number in one of the files associated with this software to extend the receive freqs to cover 100 mz to over 700 mz. I saw two postings about this mod and evidently it was implemented successfully. Any information on this would be greatly appreciated. Please email with info.....Tnx....Bill in Las Vegas....

2531. Re: Icom e-mail address?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <44hcsl$1og@bighorn.accessnv.com>
Source record: 211874

pmy (pmy@ix.netcom.com) wrote:

: Does anyone know the e-mail address for Icom?

: Thanks,
: pmy
: KB2STB

Icom is at 75540.525@compuserve.com
You can find it in the fine print in almost all their magazine ads.

73,

"Squeak" Porray, AD7K
Manager Amateur Electronic Supply/Las Vegas

2532. Re: IC-706: Does it have CTCSS?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <44hd1m$1qm@bighorn.accessnv.com>
Source record: 211875

Jim Lowman (jlowman@netcom.com) wrote:
: One thing about the new Icom IC-706: even if the HF portion is not the
: best, $1299 or less is a great price for a 6M/2M all-mode transceiver.
: I am just curious if the unit is equipped to generate CTCSS tones, and can
: they also be stored in the memories?

: Looks like a great rig to me, but I have not been able to learn too much
: about it. For SSB/CW work on 2M, 10 watts is not really enough power, but
: it is certainly enough to drive an external amplifier.

: Any info will definitely be appreciated.

: Jim

: jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
: Systems Analyst | San Bernardino City Unified School District
: (909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
: (909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

Hi Jim .,.. yes, it does have CTCSS transmit, memorizable and programmable.

73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

2533. Real manual for Alinco DJ580T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: pbobby@ix.netcom.com
Message-ID: <44hfei$15f@ixnews2.ix.netcom.com>
Source record: 211876

Shortly after buying this radio, I found a reference on the net to a location for the 'real' manual for this radio. That address is now out of date, and have not been able to follow up with it.

Can anyone lend a hand in searching further for this information?

73, kb2vkn

Paul Bobby - pbobby@ix.netcom.com
Life is great, aint it!

2534. Kenmore 870

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <29837.812340895@safety.ics.uci.edu>
Source record: 211947
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Yow, I read several "sour grapes" posts claiming the Kenwood 870 was not a real improvement. I went and tried one next to a Kenwood 850. The guy is right! The DSP is not really very magic at all. It is OK, for sure. But it is no improvement over the 850 with a Timewave attached at all. In fact, I liked the 850 better since it had the multiple IF filters I could switch in, the 870 depends entirely on its high cut / low cut (slope tune on the 930, et. al.) to narrow the passband.

Just an observation at HRO today.

Clark
WA3JPG

2535. Re: Need help building amp.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Sep29.025950.28282@ke4zv.atl.ga.us>
Source record: 211948

In article <44fadf$6cu@gladsheim.rutgers.edu> hillgen@gladsheim.rutgers.edu (the one) writes:
>I am looking to build a 2 meter amp. suitable for FM use that will provide
>500-1000 watts output. I know that it can be done and I've even seen plans
>for one in and ARRL handbook but I have no idea where to start (the handbook
>isn't great on detail) or even get the needed parts. I have a reasonable
>amount of test equip (dmm, scope, spectrum analyzer, freq counter, and
>signal/pulse generator) Anyone who can provide good plans or point me in the
>right direction? Thanks!

My first advice is to be very very careful. Amps in this range are easily lethal if you make the slightest mistake. That said, many amateurs build linears, and are still alive to tell the tale. If this is your first high power project, and I expect it must be if you want more detail than the Handbook provides, you'll do best finding experienced help. Someone local who has done it before can be an invaluable resource. They'll also know where to find the parts you need. Usually, you get those from "them that's got'em", IE other hams at hamfests or through swap nets or the like. Sometimes you're forced to buy new, but brace yourself, new amp parts aren't cheap. Usually you can find a source of surplus that's much cheaper.

If you're puzzled by some detail, there are some really knowledgeable amp builders who hang out in the .homebrew group who'll be glad to answer your questions.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2536. HELP: Reinforcing COMET/DIAMOND ANT For Severe Weather Survival

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: smh@cts.com
Message-ID: <44frmp$2pg@news2.cts.com>
Source record: 211949

Has anyone (successfully or unsuccessfully) encased a Diamond or Comet multi-band antenna in Heavy-Wall PVC or ???

I need to use a tri-band (2m/440/1.2 GHz) on a 9,000' foot mountain that has fierce weather in the winter. High winds, icing, snow, etc. etc.

Cannot use conventional SuperStationmaster, SCALA, DB products as I need muti-band operation with one antenna and line.

Any comments or suggestions?

73'

Stu, WV6H

2537. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: jdwhite@iastate.edu
Message-ID: <44ft54$5ie@news.iastate.edu>
Source record: 211950
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

In article <44b2ej$njp@gazette.engr.sgi.com>,
George Kong <gsk@khaki.esd.sgi.com> wrote:
>
>i'm also shopping; have never owned any gmrs gear. gmrs is kind of
>a no-man's-land, in between the amateur and the commercial worlds,
>so it's not especially easy to find product info, comparative reviews,
>recommendations for mail-order sources, etc.
>
>here's a partial list of current 450-470 MHz units, obtained largely
>by contacting manufacturers directly. prices include cheapest charger.
[...]
>$180 maxon 210+3
> very low cost, yet lots of features, as big and heavy as the
> rugged 5W commercial units, yet only 2W and much less rugged,
> 4W batt and charger for $100 more

I looked at one of these at a local radio shop. The case is exactly
that same as that of the Radio Shack HTX-202/404 HT. Thus, it will use
the same accessories at the HTX-202/404 and the Icom-2AT series Amateur.
The unit will transmit a 5-6W at 12.8V DC, just like the HTX-202/404. It
has 10 channels: 7 for the splinter frequencies, 2 for the repeater pairs
you're authorized, and one channel for the emergency/traveler's aid
repeater frequency pair. The two frequencies you're licensed for can be
programed by the end user. The unit I looked at had the instructions for
doing so right in the box.

Looks like a good unit for the money.

-Jason

--
Jason D. White http://www.public.iastate.edu/~jdwhite
jdwhite@iastate.edu finger for other information
Iowa State University
Durham Center Operations Staff Strive for excellence, not perfection.

2538. Drake L-4B on 120 VAC?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-29 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <29808.812340657@safety.ics.uci.edu>
Source record: 211951

Anyone out there have any experience with the Drake L-4B
on 120 VAC? I have no 220 service here and was going to
adopt the L-4 for a while, using it for occasional 40
meter nets. I don't need 1500 watts output, am very happy
when QRM gets bad to run 500 or 600 watts out. Now,
is the pair of 3-500Z's capable of running that way without
damage to them?

So, my question in a nutshell - Can I run the L-4B on 120 VAC
20 amp service in a reasonable fashion?

Clark
WA3JPG

2539. Wanted radio equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: EVERARDJM%CS03@cadetmail.usafa.af.mil
Message-ID: <EVERARDJM%CS03.7@cadetmail.usafa.af.mil>
Source record: 211802

Looking for radio equipment for radio show. Need at least 2.5 mile radius.

e-mail evertre98%cs03%usafa@cadetmail.usafa.af.mil

2540. Re: nicad charging question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <91e7cb$122427.35c@news.hampshire.edu>
Source record: 211803

On 28 Sep 1995 23:26:56 GMT fiscon (fiscon@ix.netcom.com) wrote in rec.radio.amateur.equipment:

: I have a 13.2 volt 4 amp/hr, 11 cell battery that I want to charge. If
: you can please answer the following questions. I have charged it at
: 400 milliamps or %10 of the rated capacity for 20 hours at 16 volts or
: 1.5 volts per cell. At the end of the charge cycle the battery was
: still showing that it was drawing 400 ma. I have been told that the
: battery should draw less current as it becomes fully charged.This did
: not happen though. The charging rate stayed pretty much the same
: throughout the charge. Am I doing this correctly?

A while ago I built a similar pack when Radio Shack had 4 Amp-hr nicad D cells on sale. I only used 10 cells; I was concerned with having 12 volts available through most of the discharge period, but I didn't want the voltage while charging to get too close to 16 volts, which is the normal voltage rating of capacitors used in portable equipment. I figured to get 1.4 volts/cell at full charge with the charger off, and somewhat higher near the end of the charge period while the charger was connected.

Many chargers are designed to maintain a constant current of 0.1 times the 1 hour rate. Supposedly you need to charge at this rate for 14 hours to fully replace the charge of a fully discharged battery. Such a charger will have a fairly high open circuit voltage, although the voltage measured while charging will vary throughout the charging period. 1.5 volts per cell at the end of the charging period seems reasonable. My understanding is that not much heat is generated during the early part of the cycle, and that for ordinary (not fast charge) batteries the 0.1 charge rate results in a safe amount of heat generation when the battery is fully charged -- i.e., you can safely leave the battery charging at that rate for an extended period beyond 14 hours. In addition to heat, gases are generated at the end of the cycle, and at the 0.1 rate they supposedly can be reabsorbed and thus not damage the seals of the battery.

: ...What is a safe
: trickle charge that I could leave the battery on charge indefinately?

As I said, I the 0.1 rate is safe for extended periods, but I don't think it's a good idea to leave it charging at that rate indefinitely.

Here's a quote from Horowitz and Hill (The Art of Electronics, p. 926):

"Although it's OK to overcharge nicad batteries indefinitley at C/10, it's better to switch over to a trickle charge, typically at C/30 to

C/50. However, nicads are funny, with a memory effect, so that a
trickle rate may fail to revive a fully discharged battery; a minimum
of C/20 is recommended."

: Am I using the right charging voltage? If I try charging at 13.2 volts
: or 1.2 per cell it draws no current.Any hints or suggestions will be
: appreciated.

You really should use a constant current charger. You need at least
1.4 volts per cell, with a typical constant current regulator circuit
(you can make one with an LM317 regulator and a resistor that will
drop 1.2 volts at the desired current) you need that plus about 4
volts or more for the drop across the regulator circuit.

73, Al N1AW
--
Al Woodhull
awoodhull@hamp.hampshire.edu
n1aw@k1mea.#wma.ma.usa.na
n1aw@ka1jy.ampr.org

2541. Re: New Yaseu HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: Jeff Goldman <75162.2371@CompuServe.COM>
Message-ID: <44kl4jcck3@mhade.production.compuserve.com>
Source record: 211804

I believe it is a reverse-SMA, not a regular SMA as used in the Standard 508A.

2542. Re: DSP advertising claims

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <44kebh$jda@nlcnews.nlc.state.ne.us>
Source record: 211805

ptracy@aol.com (PTracy) wrote:

>In article <44ahf6$5uf@Twain.MO.NET>, k0od@mo.net writes:

>> The same goes for those outboard DSP boxes. I wish I had some of the
>>money being wasted by guys who buy one after
>>another of these gizmos. I have 310 countries worked on 40-meters and
>250 on
>>75/80, and a wall covered with low band
>>contest certificates. I do have a DSP box (doesn't everyone!), but
>it's
>>virtually worthless especially for noise reduction.
>>
>>

>Geeze, ya know, I'm glad somebody else said it. I borrowed a DSP box, and
>well, it worked, but It certainly didn't perform any miricles.

You guys must be using the RS so-called NR unit. It is nothing but a notcher and audio bandpass filter. The NR is their own terminology that does not cross to the common usage in amateur radio. I've used the Timewave and the NIR series and can say that they definitely help dig the weak ones out of the noise. I will agree, though, that some of them do put out the constant hiss. It seems rather ridiculous, with today's technology, that we are back to listening to hiss in the speaker/headphone.

Just another 2 center.

Gary McDuffie, Sr. AG0N Scottsbluff, NE
Internet: mcduffie@hannibal.wncc.cc.ne.us
Packet Radio: AG0N@AG0N.#WNE.NE.USA.NOAM

2543. Re: DSP advertising claims

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <44imli$cfm@newsbf02.news.aol.com>
Source record: 211806

In article <44ahf6$5uf@Twain.MO.NET>, k0od@mo.net writes:

> The same goes for those outboard DSP boxes. I wish I had some of the
>money being wasted by guys who buy one after
>another of these gizmos. I have 310 countries worked on 40-meters and
250 on
>75/80, and a wall covered with low band
>contest certificates. I do have a DSP box (doesn't everyone!), but
it's
>virtually worthless especially for noise reduction.
>
>

Geeze, ya know, I'm glad somebody else said it. I borrowed a DSP box, and well, it worked, but It certainly didn't perform any miricles. The one feature that did work pretty good was the automatic notch filter. I find I use it only when absolutely necessary. The one thing that annoys the crap out of me it the damned audio hiss the silly thing produces all the time. If it were mine, I would rip out the LM380 which I believe is the source of the noise and hiss, and replace it with something else, even a pair or transistors driven by a NE5534 or other low noise op amp. Sounds like a cheap cassette recorder running 10 year old rat shack tape.

As far as the notch filter goes, while it does work, there really should be some agc to maintain a constant output level at the speaker or headphones. The IF notch filter in my old Drake R4B stands heads and shoulders above the DSP version, even if it is manually operated. But, it's inside the agc loop. The manual audio notch on my Kenwood TS440/s is as about as useful on brakes on a broom too.

I can't understand why somebody would go to all the trouble of designing what could be a good DSP, and hang a cheap 29 cent, piss poor, audio PA on the output. I know, because we'll buy it. That's why.

Pat - KE1C.

2544. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: keithw@sedona.net
Message-ID: <wCPbwwUN3bkT085yn@sedona.net>
Source record: 211807
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

In article <DFM806.17D@proclt.vnet.net>,
root@proclt.vnet.net (Shawn Goodin) wrote:

> Amateur Radio gear isn't type-accepted on the GMRS band. I'm
> pretty sure that the deviation on GMRS is different than that on the
> Amateur bands.

Deviation is the same on both ham and GMRS. In fact, some GMRS radios are ham radios with different faceplates, jumper settings, and that all-important Type Certification, which adds a couple of hundred bux to the price.

==========
Keith Wood
Host/Producer, The Computer Program and FLYING TIME!
Gunsite (Orange) alumnus, Team OS/2, Parrothead, N7JUZ, AZ0237 but not a number (I'm a FREE MAN!), creator of FIRE TEAM and HERO SEEKER
==========

2545. Re: Looking for first handheld, suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: Bob Morrow <bobm@msn.fullfeed.com>
Message-ID: <44i36c$hvd@fullfeed.msn.fullfeed.com>
Source record: 211877
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Small radios may be wonderful in theory, but they're a pain to program all the features when you need to. The tiny, non-human sized rubber (or worse, plastic) buttons necessitate a pencil for the task.

That's one of the things I like about my Icom 2GAT. It's 'human-sized', 7 watt output, rugged as all get out and not going to get lost in my pocket. My only complaint on the radio is the keypad is useless; -all- you can do is dial phones on an autopatch. No punching in freqs, dialing up memories, etc. That's doen by rocker switches on top, a poor way of doing business. So, if you don't use autopatches much or at all, get the IC-2GA. (T=the useless keypad)

--
Bob Morrow N7PTM
USAF Tops In Blue 1988

"Hey Beavis! Not that switc.."#R5\4#$%^D& NO CARRIER

2546. Re: Aviation Headset use with HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: "R.M. (Dick) Kriss" <dkriss@moontower.com>
Message-ID: <44i4sr$5et@beacon.moontower.com>
Source record: 211878

Rhett Westerman <rhettw@tyrell.net> wrote:
>Hello all,
>
> I saw a post here a few weeks ago offering information or instructions
>on how to interface an HT to aviation headsets. I think the design
>consisted of $5.00 worth of radio shack parts.
=

Hi Rhett,

If you get a good reply, please post or E-Mail it to me. My
brother has a plane and I would like to be able to use my
FT-51 with his guest headset.

Dick, KD5VU
kd5vu@moontower.com
kd5vu@ausgw.wb9khl.ampr.org

2547. Re: FT-51R software cloning (and extended receive freqs)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: fladams@iadfw.net
Message-ID: <44i5h9$ubl@alpha3.iadfw.net>
Source record: 211879

If you use the software mod, or for that matter, the hardware mods, any previous profiles that you have stored will not work. Each time a mod is performed, it changes the profile and that profile will only work with the radio in the condition it was in when the profile was created. Hope this saves you some programming grief. 73's

Floyd WD5ENJ

2548. Re: Icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <44icg7$1j4@news.halcyon.com>
Source record: 211880

The duty cycle of the IC-706 is 100 %. I was using one in the sun on top of a table outside last Sunday with no ill effects. The heat sink barely got warm.

73' Gary

2549. Re: G4PZY paddles

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <812431998.16889@pinetree.microserve.com>
Source record: 211881

>I have used many different paddles over the years and always come back to
>my Brown Bros. model BTL paddle. It is a real fine instrument !!!!!!!!

I also use a model BTL, but I've always thought the bearings were a little sloppy. No matter how carefully it's adjusted, the final setting is always a compromise between minimizing the play and keeping the levers moving free.

Do any of the paddles being discussed in this thread use jewelled bearings like the old Bugs?

73,

Jack WB3U

2550. substitute 12bv7 for 12by

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: EUGENE.WELCOME@rook.wa.com
Message-ID: <F46AB3CB@rook.wa.com>
Source record: 211882
Body handling: HTML body converted to readable text

> is it appropriate to substitute a 12bv7 tube for a 12by7a.

hi bob,
you can use that subtitute of a 12bv7 for a 12by7. they are very close spec wise. my 1973 rca tube manual shows 12by7a/12bv7a/12dq7 as identical. my 1964 sylvania manual shows suttle differences with the 12by7 rated at 7.1 watts plate dissipation and the other two rated at 6.87 watts plate dissipation for the 12bv7 and 6.5 watts plate dissipation for the 12dq7. filament characteristics are identical.

here is the list of tubes using the 9bf base connections from a tube base identifier i keep on my hd. i've posted it a couple of times on fidonet and could here also if it doesn't use up too much space. about 51k bytes. using it with a tube manual it makes a good substitution reference.

```
==================================
# base * tube type page 5b *
#------*------------------------------*
# 9bf * 11hm7,12bv7,12by7,12dq7,12gn7,*
# * 12hg7,12hl7,6870,7733,8448 *
#------*------------------------------*
```

the 12gn7,12hg7 and 12hl7 are the later generation of frame grid tubes that evolved by the mid 60's. the 12hg7 has a filament that draws less current. 12.6v at 0.26a and 6.3v at 0.52a with 10 watts plate dissipation and 32,000 umhos transconductance. the 12hl7 has identical filament chracteristics to the 12by7 but also has 10 watts plate dissipation and twice the transconductance of the 12by7 at 11,000 umhos versus 21,000 umhos for the 12hl7. this means more plate current change with less grid voltage change as the frame grid construction helped in controlling excess space charge by focusing the electron flow from the cathode through the special designed grid. older designs had the electron flow fanning out and in effect wasting electrons that did not get through to the plate. 8448 is a mobile design. 13.5/6.75 filaments at 0.520/0.260 amps. the 12by7 style tube is an excellent rf and high level mixer tube and i have used them with success for my 2 meter ssb designs in the 60's.

type: fil e and i: pw: pe: pr: umho:

12by7 12.6/6.3 at 0.3/0.6amp 6.5 250 93k 11k

type: fil e&i: pw: pe: pr: umho: compared to 12by7

11hm7 e greater than: k = 1000.

good thing you didn't ask the time, i would have described how to
build your own clock. :-)
_ /|
\'o 0'
73, gene, k7"eek" !! a =(_"_)= ?? he ate my mouse !
u
eugene.welcome@rook.wa.com

2551. Re: Drake L-4B on 120 VAC?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: sobig neher <sobign@pacifier.com>
Message-ID: <44iet8$rmu@news.pacifier.com>
Source record: 211883

You can operate the L4B Linear on 120VAC but the branch circuit must be designed for 30amps and you should run #10AWG wire. What ever you do, make sure the L4B is operated on its own SEPERATE circuit

2552. Kenwood TM733 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: jim best <jbest@wyoming.com>
Message-ID: <44igp1$ium@horn.wyoming.com>
Source record: 211884

Anyone know of any Kenwood TM 733 mods and can you please
direct me to their source.

Thanks,
Jim-N7CLV

2553. Re: Do 2m HTs TX beyond 144-148 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: aa005@torfree.net
Message-ID: <DFq0q0.82L.0.sheppard@torfree.net>
Source record: 211885
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

moritz@ipers1.e-technik.uni-stuttgart.de wrote:
: >Many HT's can be modified to transmit beyond their "normal" range. However
: >modifiying amateur equipment to do this is generally illegal.

: Geoff,

: Seems you have not understood the basic concept of amateur radio.
: Amateur radio is by definition experimental, with the effect that
: you are entitled to built and operate transmitting equipement.

: (In some countries having built a TRX is a requirement)

In Canada you must have the advanced qualification before you can build/
operate home brew transmitters (without the advanced qualification you
can build/operate everything EXCEPT home brew transmitters). That aside,
the resposibility as to where you transmit is in the hands of the amateur
in question...

: As a result, the transmitting range of amateur radios is not
: subject to regulations (In fact *all* commercial HF TRX are capable
: of out of band transmissions)

Yes, the rules over which bands are available to amateurs has changed
over the decades, and what is/is not legal today may be very different a
decade from now.

: The point is that responsibility not to actually transmit out
: of band rests totally with the licensee.

True.

Colin McGregor
VE3ZAA

2554. Re: Logbook

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: teixeira@ccnet.com
Message-ID: <44jtm8$fc4@ccnet3.ccnet.com>
Source record: 211886
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Same question here except I need one that will run on a Mac Classic.

Don N6FNL

Enrico Di Stefano (mc6972@mclink.it) wrote:
: Hi all,
: I need some information... Anyone here could suggest me a good
: software for creating and managing an amateur-radio station logbook?
: The software should preferrably run under ms-windows 3.1 and should be
: shareware or even better freeware...
: I appreciate suggestions on where i can find such a software, or
: better if you would be so kind to post it here or to send it to my
: e-mail address... :-)
: Bye all,

: --- ivan ---

2555. RC-85 Repeater Courtesy Tone Parameters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: ieeelib@cc.memphis.edu
Message-ID: <1995Sep30.235354.60689@msuvx2.memphis.edu>
Source record: 211887
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I am looking for someone who has the 10 Courtesy Tone parameters from the ACC RC-85 Repeater controller.

I know I saw them in a old issue of ACC Notes that came from ACC. Since ACC is no longer in business I cannot call them.

If you have the different tone frequencies and segment delays that comprise each Courtesy Tone please e-mail them to me.

Thanks in advance,

Suresh N9GSA

___ ___ _____ Suresh Kagoo, Sr. Network Engineer, HealthSphere of America Inc.
| |__| | / ____\ / \ 5135 Covington Way #4| Domain: IEEELIB@MSUVX1.MEMST.EDU
| __ | ____ \ / - \ Memphis, TN 38134 | AMPR : n9gsa@gate.n9gsa.ampr.org
|_| |_| _____/ /_/ _\ 1-800-532-3107 | AX.25 : N9GSA@W4BS.#WESTN.TN.USA

2556. Re: IC-706: Does it have CTCSS?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: an364546@anon.penet.fi
Message-ID: <44j966$if1$1@mhafm.production.compuserve.com>
Source record: 211888

I'm getting mine week 2 October, I'll post a review

Jim

2557. Antenna Towers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: Brendan Grogan <brendang@iol.ie>
Message-ID: <44jjc3$9fe@barnacle.iol.ie>
Source record: 211889

Information wanted about homebrew towers and masts. Peter EI-1245 (SWL)

2558. Info on UHF amp?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <91e7cb$a1426.e1@news.hampshire.edu>
Source record: 211890

I purchased a small 440 Mhz solid state amplifier at a hamfest, I understand it is an amplifier module removed from some kind of surplus commercial equipment. Inside a very solid 2-1/2" x 3" x 1" metal box with 2 BNC connectors there are a few diodes and capacitors mounted on a small circuit board marked "3502 UHF AMP". Adjacent to this is a solid state module with 7 leads, heatsinked to the bottom of the box. It is marked

TRW
MX12-3
440-470MHZ
7244

I am wary of experimenting with this unit until I have some idea of permissible maximum supply voltage and drive levels. I would appreciate any information anybody might be able to provide on the specifications of the solid state module or that would help me identify the source of this unit. I would also appreciate any references to magazine articles or books that treat in a general way working with such solid state UHF modules.

Thanks and 73, Al N1AW
--
Al Woodhull
awoodhull@hamp.hampshire.edu
n1aw@k1mea.#wma.ma.usa.na
n1aw@ka1jy.ampr.org

2559. unsuscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: woraml@WorldLink.CA
Message-ID: <9509300045.AA06762@beacon.WorldLink.ca>
Source record: 211891

```
-- [ From: Larry Woram * EMC.Ver #2.5.02 ] --

-- NOTE, Message contains no text --
```

2560. IC-Delta1A (TriBand HT) Any Mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: 4z5ca@4x4ac.ampr.ORG
Message-ID: <44181@4x4ac.ampr.org>
Source record: 211892

Hi,
I have this monster called IC-Delta1A and I need its mods.
I want to open it's Rx/Tx range in all tree bands (144,430,1200),
and also if someone know of any secret functions.

Please send your reply here or to my email ads.

Thanks.

****
73's De Tidhar (TD) Teucher - 4Z5CA
InterNet: 4Z5CA@HAIFA.AMPR.ORG SysMgr of 4X4HF Systems
Packet : 4Z5CA@4X4HF.ISR.MDLE MainFraimes & Clusters
Voice : 300-20000 Hz 24Hr SuperComputing Center - Haifa
Snail : 11 Caspari St,Haifa,Israel UnCommunication Specialist - R3
(C)

2561. FT-2200 TX range mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <44jnkc$4u6@giga.bga.com>
Source record: 211893

I need the mod to "open" the TX range of the FT-2200 YAESU 2 mtr rig.
pls E-Mail me with info. Thanks, Matt/KK5DR

2562. Re: Yaesu ft8500 vs. ICOM 2350

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: pineapp@netcom.com
Message-ID: <pineappDFq69D.Mv0@netcom.com>
Source record: 211894

Bryan Zayas (bryanz@pts.mot.com) wrote:
: I'm trying to decide between these two mobile dual banders, the Icom 2350 and
: the Yaesu ft-8500. Any opinions about them?
Bryan,
I had the same problem on deciding. I had decided to purchase the Icom 2350.
So far I have not been disappointed.

: Does the Icom 2350 have cross band repeat?
Yes it does. I am using my FT-530 to cross band with The Icom.
: Thanks a lot.
: Please reply by email.
: 73
: --
: <^^>
: < Bryan bryanz@pts.mot.com >
: < >
: < WP4LDO >
: <vvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvv>

--
.---+--------------------------.
INTERNET: pineapp@netcom.com (DC436)	Daniel Curry
AMPRNET : dan@wb6stw.ampr.org [44.4.20.144]	WB6STW
AX.25 : wb6stw@n0ary.#NOCAL.CA.USA.NA	DoD # 1450
'---+--------------------------'

2563. Alinco DJ160 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: marcw@kaiwan009.kaiwan.com
Message-ID: <44jr3d$ki3@kaiwan009.kaiwan.com>
Source record: 211895

I have an Alinco DJ 160 that I tried to enable the aircraft rx on. The LCD indicates that a signal is being received, but no sound comes from the speaker when tuned to an aircraft freq. It works fine on 2m and business band. I did the same mod on my DJ 162 and it works fine. Any info on how to make the 160 work (if possible) is appreciated.

TIA,

-Marc

2564. Looking for HTX-212 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: bo345@FreeNet.Carleton.CA
Message-ID: <DFp4w1.4F2@freenet.carleton.ca>
Source record: 211896

I'am looking for htx-212 mods
not for the small mod we have in the owner's manual
but some other.

If you have an idea of what Ishould do or where I should look
let me know.

Thanks in advance and 73 from VE2NTM@VE3KYT.#EON.ON.CAN.NA

>BO345@FREENET.CARLETON.CA

2565. Re: Selling to Unlicensed (wa

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: teixeira@ccnet.com
Message-ID: <44jtdi$f7k@ccnet3.ccnet.com>
Source record: 211897

I have bought alot of ham gear and have never once been asked to see my
ticket. To the best of my knowledge a ticket is not required to purchase
Ham gear, just to operate it.

Many years ago I bought a Heathkit HF station before I had a ticket. I
learned a lot from that rig although I never once transmitted on it other
than a dummy load. For this reason I personaly do not have a problem with
non lic. people buying rigs. Anyway...with the nocode lic., anyone who
can read can get a ticket.

Don N6FNL

W8JI Tom (w8jitom@aol.com) wrote:
: In article <42ut11$11g4@usenetp1.news.prodigy.com>, GCLL54A@prodigy.com
: (Gary Judd) writes:

: >If a dealer is a piece of dog ---- as you say for selling to someone who
: >may be unlicensed, or may use a radio for an illegal purpose, should a
: >dealer refuse to sell to all the hams who order their equipment out of
: >state
: >to avoid paying sales tax in their home state? It is tax evasion by law
: >in
: >virtually every state in the union today. Should they police that too?
: >
: >
: Hi Gary,

: They must have changed stuff since I was in the retail business. I never
: "paid" sales tax, I just collected it and passed it on to the state. So
: was never profit by avoiding sales tax unless I collected it and just kept
: it. If someone is charging customers tax and not turning it in they should
: go to jail!

: OTOH you may mean the customer is breaking the law. It isn't illegal to
: buy out of state for any reason you desire (so far as I know) as long as
: it is a legal personal purchase and not part of a bootleg resale
: underground operation.

: Are you implying there is a law that says we must purchase everything in
: the state where we live and mail order is illegal? Please explain.

: 73 Tom

2566. Re: IC-706: Does it have CTCSS?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <44jump$10l@over.mhv.net>
Source record: 211898

Squeak Porray (ad7k@bighorn.accessnv.com) wrote:
: Jim Lowman (jlowman@netcom.com) wrote:
: : One thing about the new Icom IC-706: even if the HF portion is not the
: : best, $1299 or less is a great price for a 6M/2M all-mode transceiver.
: : I am just curious if the unit is equipped to generate CTCSS tones, and can
: : they also be stored in the memories?

: : Looks like a great rig to me, but I have not been able to learn too much
: : about it. For SSB/CW work on 2M, 10 watts is not really enough power, but
: : it is certainly enough to drive an external amplifier.

: : Any info will definitely be appreciated.

: : Jim

: : jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
: : Systems Analyst | San Bernardino City Unified School District
: : (909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
: : (909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

: Hi Jim .,.. yes, it does have CTCSS transmit, memorizable and programmable.

: 73,

: "Squeak" Porray, AD7K
: Manager, Amateur Electronic Supply/Las Vegas

Could we get some reviews of the rig? I'm anxious to hear how well it
works! I'm thinking of buying one. Thanks!

Tom - KB2SMS

2567. Bird 43 slugs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: jwc@a.crl.com
Message-ID: <44k53d$kmk_002@sat1.as.crl.com>
Source record: 211899

I have a 100C slug that does not work. Any ideas how to fix it or where I can get it fixed.? Thanks and 73.

Jim Chandler, N0VAH
jwc@a.crl.com
finger crl for PGP public key
1024-bit Key fingerprint = 74 B4 7C BF 51 ED A6 00 F5 2C 6E 99 A7 0D 29 D2
2048-bit Key fingerprint = 82 30 8D 56 43 22 3A 2F 4D EA 37 DE B9 B4 21 52

2568. Re: Antenna connectors on IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: kd6lza@quick.net
Message-ID: <44jpgj$42p@news.cloverleaf.com>
Source record: 211900

mark@newsserver.rdcs.Kodak.COM (KP) wrote:

>I am in the final stages of deciding on a IC706
>but would like to know how they get the 3 bands
>out to the antennas. Are there 3 connectores
>or are all 3 bands tri-plexed on one connector?

There is a connector for HF/6M and a seperate connector for 2M. The optional antenna tuner can be used at HF and 6M but not at 2M.

2569. Mobile Repeaters Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-09-30 00:00:00 UTC
From: MKWS78A@prodigy.com
Message-ID: <44kbiq$2buq@usenetp1.news.prodigy.com>
Source record: 211901

How does a mobile repeater work? When I am in a location away
from my mobile and I can't reach my base repeater with my HT, How would
a mobile repeater work to repeat back to the base repeater. Any help
appreciated. I have seen GE and Motorola mobile repeaters advertised

Thanks , Bill

MKWS78A@prodigy.com

2570. Re: Alinco DJ160 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: "J. Fitter" <joentam@transend.com.tw>
Message-ID: <44ktb0$ls9@keelung.transend.com.tw>
Source record: 211808

I have a DJ-160 too. Unfortunately, I dont believe the 160 includes the circuitry to receive am aircraft. This was the difference between the 160 and 162.

I am looking for the mod to turn off the "roger beep" in my DJ-160. As it was purchased in Hong Kong, it is the "commerical" model which included a fully opened rig, end of transmit tone, and hi capacity battery. A fax to Alinco was no help either.

73 Joe BV/N0IAT in Taipei, TAIWAN R.O.C. QRV 18 Mhz

2571. ALINCO DX-70 MODS --> READ HERE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: "J. Fitter" <joentam@transend.com.tw>
Message-ID: <44kv21$ls9@keelung.transend.com.tw>
Source record: 211809

Ok, first an apology to all who sent msgs about these mods. Sorry for the delay in getting these out here.

The Alinco DX-70 can be configured as follows:
Extended TX, open the RX up to 35Mhz and down to 30 Khz, Open the VHF side from 45-60 Mhz RX/TX. All can be done quickly by , by removing or changing a series of chip-resistors located in the detatchable front face panel. This mod is a little tricky to perform, since it uses surface mount devices, so I TAKE NO RESPONSIBILITY IF YOU BREAK YOUR RIG. Alinco, further, in their mod sheet, warns that performing this mod incorrectly will NOT BE COVERED via warranty. At first, I tried using a Salami sized soldering iron--- take my word, get a good, very fine point iron of about 15 or 20 watts max! Make sure it is static guarded too.

Ok...Here we go.

1. disconnect power
2. disconnect antenna
3. remove control head, disconnect control cable
4. remove 4 screws on back of control head,
5 remove (unsnap is more like it) the control head back panel.
6. THE MOD:

Once you have the back panel removed, and using the big VFO knob as your guide (circuit board facing you, LCD display not facing you). The VFO knob should be on the left side. On the right side, in the lower right hand corner, you should see 2 distinct columns of chip resistors. On the board, they are NOT labeled, but I will draw the diagram below to help you. You cant miss these because there are 5 chip resistors in the left-hand row, and the right-hand row has 7 chip resistors. Above both rows is a solder-pad.

```
a(::) h(::)
g-
i-
b - j-
c - k-
d - l-
e - m-
f - n-
```

Several chip resistors will be soldered in, depending on the model of your rig, and a solder pad is jumpered. Here are the mods per Alinco:

a. 45-60 Mhz TX/RX - solder a 0ohm or jumper across location i
b HF RX down to 30 Khz - remove the jumper m
c. beyond just Mars Mod - TX/RX everywhere remove both jumpers c and e
d. HF RX up to 35 MHZ - solder a bridge across pad a

After performing the above mods, reassemble the unit.

7. DONT FORGET to reset the microprocessor (with the radio off, hold
the F button and simultaneously turn the power on.
All memories are wiped out, but the new bands are opened.

I've tried all mods with my Alinco rig and can confirm they work. I am
able to pick up business band communication in the 46 Mhz range (FM), and
cordless phones in 46/49 range. It TX's everywhere now too.

I do not take responsibility if you perform this mod incorrectly, and I
am not responsible for your operation practice if you choose to illegally
transmit out of band.

Thanks and again, sorry for such a delay in getting this out here.

73 de Joe BV/N0IAT Taipei, TAIWAN (FORMOSA)

2572. Re: ElectroMagnetic Weapoms

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: Lucas Meyer <lucasm@csn.com>
Message-ID: <44l44p$1gj@news-2.csn.net>
Source record: 211810
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

In article <43v681$87d$2@mhafm.production.compuserve.com> SpyKing,
73453.1714@CompuServe.COM writes:
>Looking for any and all information on electromagnetic pulse
>bombs and HERF (High Energy Radiated Frequency) Guns

Unfortunately, the FCC will eat you for breakfast if you set one of these
off. Try a rail gun instead.

2573. Re: FT-51R software cloning (and extended receive freqs)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: idrage@es.co.nz
Message-ID: <44lrrl$a1u@Chaos.es.co.nz>
Source record: 211811

In article <wright-2909950653020001@jbw.csbsdal.org>,
wright@onramp.net (jeff wright) wrote:
>When I called RT Systems, the gentleman I spoke with said the radio was
>only capable of receiving from 100-180 and 375-525 MHZ. Anything out of
>those freqs would not be heard at all...
I recently purchased an FT51R from Hong Kong. It allows frequency entry from
60Mhz to 999Mhz but receive does seem to be limited to the above range of
freqs apart from UHF does at least cover 870-890Mhz
Tx is from 125-180Mhz and 320-485Mhz

Ian

2574. STANDARD 1208DA Mobile Mods???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: SMJG11A@prodigy.com
Message-ID: <44m2ij$s74@usenetz1.news.prodigy.com>
Source record: 211812

Hello all. I am looking for any modification information for this radio.
Specifically Extendiing it's receiving capability.

Thanks for any info.

2575. Any AEA DSP-2232 users out there??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: willhelm@ix.netcom.com
Message-ID: <44mgmj$l8l@ixnews5.ix.netcom.com>
Source record: 211813

I am interested in the possible purchase of the AEA DSP-2232 controller. However i have a few questions concerning its advantages over the PK-900 Tnc. The only advantage i can see at this point is the DSP signal acquisition scheme (and its possible superiority) over the analog bandpass filters in the 900. I assume for the average guy who is not interested in sat work that the 900 is the proper choice. But with todays bands becoming more and more crowded the DSP can become a benefit i am sure. I heard some scuttlebutt a year or so back that owners of the 2232's were upset with AEA because they had not come forward with their original plans to implement SSTV//and several other promised modes for the 2232. I guess maybe AEA kind of dropped their R&D towards this controller because it had not become a hot seller for them. With the price they ask for this machine i can see why it did not really catch on well. Anyway, if you can shed any light on this i would really appreciate it. Thanks in advance......Bill in Las Vegas, Nv.

2576. Re: DSP advertising claims

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: ptracy@aol.com
Message-ID: <44mknd$fhb@newsbf02.news.aol.com>
Source record: 211814

In article <44kebh$jda@nlcnews.nlc.state.ne.us>,
mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.) writes:

>You guys must be using the RS so-called NR unit. It is nothing but a
notcher
>and audio bandpass filter. The NR is their own terminology that does not
>cross to the common usage in amateur radio.

Nope, it's the W9GR unit I believe. Surely was not the Rat Shack unit. I
have since returned it to the owner, so I am not exactly sure which one it
was. I am positive it was not the Rat Shack unit, like I said.

2577. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: nts@wolfenet.com
Message-ID: <nts.211.02ACAA0A@wolfenet.com>
Source record: 211815

In article <44ene1$j5q@mksrv1.dseg.ti.com> Marty Jones <mjones@mw9> writes:

-deletia-

Interesting thing was they would also sell you the
>same service agreement that is available for new merchandise. So, for
>about $100, you could get a like-new reconditioned unit and a service
>policy to guarantee the work.

I don't know if others have had the good service out of Radio Shack, but
here's a little gem..

My father uses HTX-202, and it dropped it off the hood of his truck
(while parked). The tuning knob was damaged, spun freely, no detents.

He took it in, showed it to the clerk/salesperson , and got handed a brand new
one. No repair, no wait, no BS. Whole thing took about three minutes.
Then he purchased the extended warranty, on the new one.

Needless to say, he is a fan of the Shack's service now.

Dean
N7ZRS

- And everything under the sun is in tune,
- But the sun is eclipsed by the moon.
- Dean nts@wolfenet.com

2578. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: Rob Bellville <bellvill@ultranet.com>
Message-ID: <44mqrv$987@caesar.ultra.net>
Source record: 211816

nts@wolfenet.com (Dean Heinen) wrote:
>
>My father uses HTX-202, and it dropped it off the hood of his truck
>(while parked). The tuning knob was damaged, spun freely, no detents.
>
>He took it in, showed it to the clerk/salesperson , and got handed a brand new
>one. No repair, no wait, no BS. Whole thing took about three minutes.
>Then he purchased the extended warranty, on the new one.
>
>Needless to say, he is a fan of the Shack's service now.
>
>Dean
>N7ZRS
>
>
>- And everything under the sun is in tune,
>- But the sun is eclipsed by the moon.
>- Dean nts@wolfenet.com

I've also seen first hand that when a customer brings in a radio with an
intermittent TX problem, they will also swap the radio with one off the
shelf. BUT... they put the other one in its place.

-- Rob

Rob Bellville, N1NTE | Technical Supervisor - Millbury Public Schools
PO Box 515 | Got an old PC or Mac? Millbury Schools
Millbury, MA 01527 | are looking for donations dead or alive!

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http://www.ultranet.com/~bellvill/webpage.html

2579. Tube Base. 1 of 6

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: EUGENE.WELCOME@rook.wa.com
Message-ID: <2C756CD6@rook.wa.com>
Source record: 211817

```
Tube Base. 1 of 6
Tube Substitution by Tube Base Number.
=======================================================================
Base * TUBE TYPE Page 1A ## BASE * TUBE TYPE Page 1B *
------*-------------------------##------*-------------------------*
0A5 * 0A5 ## 5AG * 1LH4 *
------*-------------------------##------*-------------------------*
1AG4 * 1AG4 ## 5AL * 35Y4 *
------*-------------------------##------*-------------------------*
1AG5 * 1AG5 ## 5AP * 1A3 *
------*-------------------------##------*-------------------------*
1AH4 * 1AH4 ## 5AW * 807, 5933 *
------*-------------------------##------*-------------------------*
1AJ5 * 1AJ5 ## 5AY * 6D4 *
------*-------------------------##------*-------------------------*
1AK4 * 1AK4 ## 5AZ * 1625 *
------*-------------------------##------*-------------------------*
1AK5 * 1AK5 ## 5BO *0A2,0B2,0C2,5651,6626,6627*
------*-------------------------##------*-------------------------*
1AY2 * 1AY2 ## 5BQ * 25DK4,35W4,36AM3,50DC4 *
------*-------------------------##------*-------------------------*
1V6 * 1V6 ## 5BS * 6X4, 12X4 *
------*-------------------------##------*-------------------------*
3C * 1AU3, 1G3GT/1B3GT, 1J3A, ## 5BT * 6BG6GA,6CD6G,6DN6,6EX6, *
* 1K3GT/1J3, 1N2A ## *19BG6G,21EX6,25CD6GB,25DN6*
------*-------------------------## * 25EC6, 35CD6GA, 7867 *
4AA * 1LE3, 1293 ##------*-------------------------*
------*-------------------------## 5CA * 5845 *
4AB * 2X2 ##------*-------------------------*
------*-------------------------## 5CB * 5722 *
4AH * 1R4, 1203A ##------*-------------------------*
------*-------------------------## 5CE * 6AB4, 6664/6AB4 *
4AJ * 0A3,0B3,0C3,0D3,1265,1266##------*-------------------------*
------*-------------------------## 5D * 6Z4/84, 84/6Z4 *
4AM * 2C22 ##------*-------------------------*
------*-------------------------## 5DA * 5AR4/GZ34 *
4BU * 0Y4 ##------*-------------------------*
------*-------------------------## 5DE * 3DG4 *
4C * 5Z3,6DA4A/6DM4A,17AX4GTA/##------*-------------------------*
* 17DM4A,80,83,1275 ## 5L * 5AT4, 5CG4, 5Z4GT, 5C4GA *
------*-------------------------##------*-------------------------*
4CB * 117Z3 ## 5M * 6F5, 12F5GT *
------*-------------------------##------*-------------------------*
4CG * 6AU4GTA,6AX4GT,6CQ4,6DE4,## 5Q * 5Y4GA/GT *
```

```
* 6DQ4,6DT4,6W4GT,12AX4GT, ##------*-------------------------*
* 12D4,12DM4,12DQ4,17D4, ## 5S * 6B4G *
* 17DE4,17DQ4,19AU4,22DE4, ##------*-------------------------*
* 25AX4GT,25W4GT ## 5T * 5AS4A, 5AU4, 5AW4, 5AX4GT*
------*-------------------------## * 5AZ4,5R4GYB,5T4,5U4GB,5V3*
4CK * 5823 ## * 5Y3GA, 5Y3GT, 5931 *
------*-------------------------##------*-------------------------*
4CN * 5644 ## 5Y * 1N5GT *
------*-------------------------##------*-------------------------*
4D * 2A3,6A3,45,1230,1276 ## 5Z * 1H5GT *
------*-------------------------##------*-------------------------*
4K * 1229 ## 6AA * 7A5,7C5,14C5,35A5,50A5 *
------*-------------------------##------*-------------------------*
4R * 0Z4A ## 6AB * 6SF5, 12SF5GT *
------*-------------------------##------*-------------------------*
4V * 0A4G,1267 ## 6AB8 * 6AB8/ECL80 *
------*-------------------------##------*-------------------------*
4Z * 35Z3 ## 6AD * 35Z5GT *
------*-------------------------##------*-------------------------*
5AB * 7Y4,7Z4 ## 6AE * 7B5 *
------*-------------------------##------*-------------------------*
5AC * 7A4/XXL,7B4 ## 6AM * 6BQ6GTB/6CU6, 6DQ6B/6GW6,*
------*-------------------------## * 12BQ6GTA, 12DQ6B/12GW6, *
5AD * 1LA4,1LB4 ## * 17BQ6GTB,17DQ6B/17GW6, *
------*-------------------------## * 25BQ6GTB/25CU6, 25DQ6A *
END OF 1A and 1B
=========================================================================
BASE * TUBE TYPE Page 2A ## BASE * TUBE TYPE Page 2B *
------*-------------------------##------*-------------------------*
6AR * 1AE4,1AF4,1L4,1T4,1U4, ## 7AV * 1S4 *
* 5910 ##------*-------------------------*
------*-------------------------## 7AZ * 6SF7, 12SF7 *
6AU * 1AF5, 1S5 ##------*-------------------------*
------*-------------------------## 7BA * 3S4, 3Q4, 3Z4 *
6AX * 1LD5 ##------*-------------------------*
------*-------------------------## 7BB * 3A4 *
6B * 41, 42, 43 ##------*-------------------------*
------*-------------------------## 7BC * 3A5 *
6BA * 3D6, 3LF4 ##------*-------------------------*
------*-------------------------## 7BD * 3BC5/3CE5,4BC5,4CE5,6AG5,*
6BG * 6C4, 6DR4, 6100, 6135 ## * 6AJ6,6AK5,6AN5,6BC5/6CE5,*
------*-------------------------## * 408A,6AK5W/GB1220/5654, *
6BS * 2050 ## * 6028,6096,6186,6968,9001,*
------*-------------------------## * 9003 *
6BT * 3AL5,6AL5,6EB5,12AL5,5726##------*-------------------------*
* 6097,6663/6AL5,6919,7055,## 7BE * 3B7 *
* 7631 ##------*-------------------------*
------*-------------------------## 7BF * 5J6,6J6,19J6,1216,5844, *
6BW * 1DN5, 1U5 ## * 5964,6099,6101,7244 *
------*-------------------------##------*-------------------------*
```

```
6BX * 3V4, 6AJ4 ## 7BH * 2C21 *
------*-------------------------##------*-------------------------*
6CC * 6AR5 ## 7BJ * 6AN6 *
------*-------------------------##------*-------------------------*
6CH * 6BJ5, 6516 ## 7BK * 3AU6,3BA6,4AU6,4BA6,6AH6,*
------*-------------------------## * 6AK6/EF95,6AU6,6BA6/EF93,*
6CJ * 5641 ## * 6BD6,6FD6,6HR6,6HS6,12AC6*
------*-------------------------## * 12AF6,12AU6,12BA6,12BD6, *
6CK * 6AU5GT,6AV5GA,6BD5GT,6FW5## * 12BL6,12CX6,12CY6,12DZ6, *
* 12AV5GA, 17AV5GA, 18A5, ## * 12EA6,12EK6,12EZ6,18FW6, *
* 25AV5GA, 6000 ## * 18GD6,19HR6,19HS6,5749, *
------*-------------------------## * 6136,6660/6BA6,7496,7543,*
6CL * 5851, 6147 ## * 8425,8426 *
------*-------------------------##------*-------------------------*
6CN * 6BY5G ## 7BN * 2D21, GB5727 *
------*-------------------------##------*-------------------------*
6DL4 * 6DL4 ## 7BQ * 6J4, 7137, 7245 *
------*-------------------------##------*-------------------------*
6E * 25Z5 ## 7BS * 9002 *
------*-------------------------##------*-------------------------*
6F * 6C6, 6D6, 78, 1221 ## 7BT * 3AV6,4AV6,6AT6,6AQ6,6AV6,*
------*-------------------------## * 6BF6,12AE6,12AJ6,12AT6, *
6FG6 * 6FG6/EM84 ## * 12AV6,12BF6,12FK6,12FM6, *
------*-------------------------## * 12FT6,18FY6,18GE6 *
6G * 75 ##------*-------------------------*
------*-------------------------## 7BZ * 5AQ5,6AQ5A,6BF5,6DS5,6HG5*
6HQ6 * 6HQ6 ## * 6HR5,12AQ5,19AQ5,35B5, *
------*-------------------------## * 50B5,6005,6095,6669/6AQ5 *
6Q * 6C5, 6J5GT, 12J5GT, 884 ##------*-------------------------*
------*-------------------------## 7C * 6A7 *
6R * 6E5, 6U5 ##------*-------------------------*
------*-------------------------## 7CH * 3BE6,3BY6,3CS6,4BE6,4CS6,*
6S * 6AX5GT, 6X5GT, 1274 ## *6BE6,6BY6,6CS6,12AD6,12AG6*
------*-------------------------## * 12BE6,12CS6,12EG6,12FA6, *
6X * 1A5GT ## * 12GA6, 18FX6, 1217, 5750,*
------*-------------------------## * 5915, 7032, 7036, 7502 *
7AC/7S* 6L6GC,6550/KT88 SEE 7S ##------*-------------------------*
------*-------------------------## 7CK * 2E26, 6146B/8298A, 6159B,*
7AG * 6AD6G, 6AF6G ## * 6883, 6893 *
------*-------------------------##------*-------------------------*
7AK * 1LA6, 1LC6 ## 7CM * 3BZ6,3CF6/3CB6,3DK6,4BZ6,*
------*-------------------------## * 4CB6,4DE6,4DK6,4EW6,4GM6,*
7AO * 1LC5, 1LG5, 1LN5 ##Conti-* 4JH6,4JK6,4JL6,5EW6,5GM6,*
------*-------------------------##-nued * 5JK6,5JL6,6AS6,6BH6,6BJ6,*
7AP * 3Q5GT ## See * 6BZ6,6CB6,6CF6,6DB6,6DC6,*
------*-------------------------## Pg3A * 6DE6,6DK6,6EW6,6GM6,6JH6,*
7AT * 1R5 ## * 6JK6, 6JL6, 12AW6, 12BZ6,*
END OF 2A and 2B
```

2580. Tube Base. 2 of 6

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: EUGENE.WELCOME@rook.wa.com
Message-ID: <A7060AF0@rook.wa.com>
Source record: 211818

```
Tube Base. 2 of 6
=================================================================
BASE * TUBE TYPE Page 3A ## BASE * TUBE TYPE Page 3B *
------*-------------------------##------*-------------------------*
7CM * 12DK6, 5725, 6661/6BH6, ## 7GM * 2HA5,2HK5,2HM5,2HQ5,3HA5/*
From * 6662/6BJ6,6676/6CB6,6954,## * 3HM5,3HK5,3HQ5,4HA5/PC900*
Pg2B * 7056, 7732, 8084, 8136 ## * 4HK5,4HM5,4HQ5,6HA5/6HM5,*
------*-------------------------## * 6HK5, 6HQ5 *
7CV * 4GZ5,6AS5,6CA5,6CU5,6EH5,##------*-------------------------*
*6GZ5,11C5,12AS5,12C5/12CU5## 7Q * 6H6, 12H6, 25Z6GT,50AX6G,*
* 12CA5,12CN5,12DM5,12ED5, ## * 50Y6GT, 117Z6GT *
* 12EH5, 12FX5, 12R5,17C5/ ##------*-------------------------*
* 17CU5, 17CA5, 17R5, 25C5,## 7R * 6J7GT,6K7,12J7GT,12K7GT, *
* 25CA5,25EH5,25F5,32ET5, ## * 1223 *
* 34GD5,35C5,35EH5,40FR5, ##------*-------------------------*
* 50C5,50CA5,50EH5,50FA5, ##7S/7AC* 5V6GT,6DG6GT,6EY6,6EZ5, *
* 50FK5, 60FX5 ## * 6F6GT,6K6GT,6L6,6U6GT, *
------*-------------------------## SEE * 6V6GTA,6W6GT,6Y6GA,7EY6, *
7DB * 7498, 6AM6/EF91 ## 7AC * 9EF6, 12A6, 12EF6, 12EN6,*
------*-------------------------## * 12L6GT, 12V6GT, 12W6GT, *
7DC * 1L6, 1U6 ## * 12L6GT, 12V6GT, 12W6GT *
------*-------------------------## * 17L6GT, 17W6GT, 25L6GT, *
7DF * 3BN6,4BN6,6BN6/6KS6,12BN6## * 25W6GT, 35L6GT, 50L6GT, *
------*-------------------------## * 1614,5824,5871,5881,5932,*
7DK *1DY4A,2DX4,2DY4,2DZ4/2AF4B## * 7408, 7581A, 7751, 8417, *
* 2T4, 3AF4A, 3DX4, 3DY4A, ## * KT-66, KT-88 *
* 3DZ4/3AF4B, 5AF4A, 6AN4, ##------*-------------------------*
* 6DX4, 6DY4, 6DZ4/6AF4A, ## 7T * 6L7, 1612 *
* 6T4, 1218A, 7738, 8334 ##------*-------------------------*
------*-------------------------## 7V * 6Q7GT, 6R7, 12Q7GT, 6118 *
7DU * 6354 ##------*-------------------------*
------*-------------------------## 7Z * 1A7GT *
7DX * 7A6, 50X6 ##------*-------------------------*
------*-------------------------## 8A * 6A8GT, 12A8GT *
7EA * 6CR6, 12CR6 ##------*-------------------------*
------*-------------------------## 8AC * 7AF7,7F7,7N7,14AF7/XXD, *
7EG * 2BN4A, 3BN4A, 4BN4, 6BN4A## * 14F7 *
------*-------------------------##------*-------------------------*
7EJ * 7001 ## 8AD * 6SA7GT, 12SA7GT *
------*-------------------------##------*-------------------------*
7EN * 3DT6,4DT6,5GX6,5HZ6,6DT6,## 8AE * 7R7, 14R7 *
* 6GY6/6GX6,6HZ6,12DT6,7693##------*-------------------------*
* 7694 ## 8AL * 7Q7, 14Q7 *
------*-------------------------##------*-------------------------*
```

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7ES * 1AN5 ## 8AN * 50Y7GT *
------*-------------------------##------*-------------------------*
7EW * 2CY5,2EA5,2EV5,3CY5,3EA5,## 8AO * 117L7/M7GT *
* 3EV5,4CY5,6CY5,6EA5,6EV5,##------*-------------------------*
* 7167, 7717, 8113 ## 8B * 6N7GT *
------*-------------------------##------*-------------------------*
7FB * 12EL6 ## 8BD * 2C50,2C52,6AS7GB,6BL7GT, *
------*-------------------------## * 6BX7GT, 6DN7, 6EA7, 6EM7,*
7FD * 12K5 ## * 6GL7,6SL7GT,6SN7GTB,8SN7-*
------*-------------------------## * GTB, 10EG7,10EM7,12SL7GT,*
7FL * 2EN5 ## * 12SN7GTA,13EM7,15EA7,5691*
------*-------------------------## * 5692,5998A,6080,6082,6188*
7FP * 2ER5,2ES5,2FH5,2FY5,2GK5/## * 6336A, 6394A, 6520, 6528,*
* 2FQ5,3ER5,3ES5,3FH5,3FQ5A## * 7105, 7236 *
* 3FY5,3GK5,4GK5,6ER5,6ES5,##------*-------------------------*
* 6FH5, 6FY5, 6GK5/6FQ5A ## 8BF * 7K7 *
------*-------------------------##------*-------------------------*
7FQ * 2FV6, 6FV6 ## 8BJ * 7W7 *
------*-------------------------##------*-------------------------*
7FW * 6GN6, 12GN6 ## 8BK * 6SG7, 6SH7, 12SG7, 12SH7 *
------*-------------------------##------*-------------------------*
7FZ * 35GL6, 50HC6, 50HK6 ## 8BL * 7J7, 7S7 *
------*-------------------------##------*-------------------------*
7GA * 2FS5,2GU5,3FS5,3GU5,6FG5,## 8BS * 28D7, 1238 *
* 6FS5, 6GU5 ##------*-------------------------*
------*-------------------------## 8BW * 7F8, 14F8 *
7GK * 2GW5, 3GW5, 4GW5, 6GW5 ##------*-------------------------*
------*-------------------------## 8BZ * 7X7 *
END OF 3A and 3B
=============================================================================
BASE * TUBE TYPE Page 4A ## BASE * TUBE TYPE Page 4B *
------*-------------------------##------*-------------------------*
8CH * 6AL7GT ## 8GD * 6CB5A, 6CL5 *
------*-------------------------##------*-------------------------*
8CJ * 2C51, 5670, 7861 ## 8GH * 3B2 *
------*-------------------------##------*-------------------------*
8CK * 6AQ7GT ## 8GQ * 6690 *
------*-------------------------##------*-------------------------*
8CP * 1AC5, 1AD5 ## 8GT * 6CM5 *
------*-------------------------##------*-------------------------*
8CT * 6BA7, 12BA7 ## 8HC * 2B3 *
------*-------------------------##------*-------------------------*
8DA * 1S6 ## 8HE * 6853 *
------*-------------------------##------*-------------------------*
8DC * 5636,5908,5916,6205,6206,## 8HY * 7027 *
* 6943, 6944, 8414, 8444 ##------*-------------------------*
------*-------------------------## 8JB * 6CK4 *
8DD * 5643 ##------*-------------------------*
------*-------------------------## 8JC * 6DQ5 *
8DF * 6AZ5 ##------*-------------------------*
```

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------*-------------------------## 8JP * 6DZ7 *
8DG * 6BF7W,6021,6111,6112,6832##------*-------------------------*
* 6947,6948,7327,7550,7759,## 8JX * 6GC6, 12GC6 *
* 7760, 7887, 7889, 8103 ##------*-------------------------*
------*-------------------------## 8K * 6K8, 12K8 *
8DJ * 5896, 5903, 6110 ##------*-------------------------*
------*-------------------------## 8KB * 6FE5, 50FE5 *
8DK * 6AD4,6AK4,5718,5719,5904,##------*-------------------------*
* 5977, 6814, 6946, 7888 ## 8KD * 5CU4 *
------*-------------------------##------*-------------------------*
8DL * 5639,5840,5899,5902,5905,## 8KG * 7591 *
* 5906,5907,6788,6945,7761,##------*-------------------------*
* 7762, 8064, 8211 ## 8KM * 7994, 8185, 8186 *
------*-------------------------##------*-------------------------*
8DM * 5987 ## 8KN * 7355 *
------*-------------------------##------*-------------------------*
8DQ * 5968 ## 8KS * 5DJ4 *
------*-------------------------##------*-------------------------*
8DR * 5969 ## 8KZ * 7995 *
------*-------------------------##------*-------------------------*
8DS * 5970 ## 8LC * 8068 *
------*-------------------------##------*-------------------------*
8DY * 6BA5 ## 8LD * 8070, 8319 *
------*-------------------------##------*-------------------------*
8E * 6B8, 12C8 ## 8LE * 8071 *
------*-------------------------##------*-------------------------*
8EC * 7212, 7358 ## 8LK * 3FX7, 6FX7 *
------*-------------------------##------*-------------------------*
8EL * 6AH4GT ## 8LM * 3FW7, 6FW7 *
------*-------------------------##------*-------------------------*
8ES * 40A1, 40B2 ## 8LS * 8210 *
------*-------------------------##------*-------------------------*
8ET * 6CA7/EL34 ## 8LT * 8213 *
------*-------------------------##------*-------------------------*
8EX * 6308 ## 8LW * 8254 *
------*-------------------------##------*-------------------------*
8EY * 6352 ## 8MG * 50JY6 *
------*-------------------------##------*-------------------------*
8EZ * 3A3, 3AW3, 3CV3, 3CZ3 ## 8MH * 3CA3 *
------*-------------------------##------*-------------------------*
8FP * 6BU5 ## 8MK * 3CU3 *
------*-------------------------##------*-------------------------*
8FU * 6BD4 ## 8ML * 6LC6, 6LH6 *
------*-------------------------##------*-------------------------*
8G * 6C8G ## 8MQ * 6LJ6 *
------*-------------------------##------*-------------------------*
8GB * 6BL4 ## 8MT * 3CX3 *
------*-------------------------##------*-------------------------*
8GC * 6BK4, 6BU4 ## 8MU * 2CN3A, 3CN3 *
------*-------------------------##------*-------------------------*
```

END OF 4A and 4B

2581. Tube Base. 3 of 6

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: EUGENE.WELCOME@rook.wa.com
Message-ID: <9C70E3AD@rook.wa.com>
Source record: 211819

```
Tube Base. 3 of 6
=================================================================
BASE * TUBE TYPE Page 5A ## BASE * TUBE TYPE Page 5B *
------*-------------------------##------*-------------------------*
8MW * 6EL4 ## 9AX * 6BC7, 6BJ7 *
------*-------------------------##------*-------------------------*
8MX * 3DB3 ## 9AZ * 12AD5 *
------*-------------------------##------*-------------------------*
8N * 6AB7, 6CA7, 6SJ7, 6SK7GT,## 9BA * 6DG7, 7229, 7499 *
* 6SS7, 12SJ7, 12SK7, 5693 ##------*-------------------------*
------*-------------------------## 9BD * 6B3, 6V3A, 12B3 *
8Q * 6SQ7GT,6SR7,12SQ7GT,12SR7##------*-------------------------*
------*-------------------------## 9BF * 11HM7,12BV7,12BY7,12DQ7, *
8R * 6SA7, 6SB7Y ## 12GN7,12HG7,12HL7,6870,7733,8448*
------*-------------------------##------*-------------------------*
8S * 6SC7, 12SC7 ## 9BJ * 2HR8, 4HR8 *
------*-------------------------##------*-------------------------*
8U * 7A8 ## 9BQ * 6BK5,12BK5,25BK5,50BK5 *
------*-------------------------##------*-------------------------*
8V * 7A7,7AG7,7AK7,7B7,7C7,7H7## 9BS * 12DF5 *
* 7L7,7V7,14A7,14C7,1231, ##------*-------------------------*
* 1273, 1280, 1284, 6145 ## 9BV * 6CL6, 6197, 6677/6CL6 *
------*-------------------------##------*-------------------------*
8W * 7B6, 7C6, 14B6 ## 9BX * 6AJ4, 6AM4, 6CR4 *
------*-------------------------##------*-------------------------*
8X * 7B8 ## 9CB * 6AF3,6AL3/EY88,6BR3,12AF3*
------*-------------------------## * 12BR3,12BY3,16AQ3/XY88, *
8Y * 6AG7 ## * 17BR3, 25BR3 *
------*-------------------------##------*-------------------------*
9A *6AX7,7AU7,9AU7,12AD7,12AE7## 9CE * 6216 *
* 12AT7WA,12AT7/ECC81,12AU7##------*-------------------------*
* /ECC82,12AV7,12AX7A/ECC83## 9CF * 9BR7, 12BR7, 8447 *
* 12AY7,12AZ7A,12BH7,12BZ7,##------*-------------------------*
* 12DF7,12DM7,12DT7,12DW7, ## 9CK *5CM6,6CM6,6DW5,12CM6,12DW5*
* 12FV7,12U7,5751,5814,5963##------*-------------------------*
* 5965A,6189,6201,6211A, ## 9CM * 50A1 *
* 6679/12AT7,6680/12AU7A, ##------*-------------------------*
* 6681/12AX7,6829,6851,6955## 9CQ * 6267 *
* 7025,7058,7316,7318,7489,##------*-------------------------*
* 7490,7492,7494,7728,7729,## 9CV * 6BQ5/EL34, 6CW5/EL86, *
* 7730 ## * 6CW5/EL86,6DY5, 8BQ5, *
------*-------------------------## * 8CW5, 10BQ5, 10CW5/LL86, *
9AC * 6S4A ## * 12FB5, 15CW5/PL86, 30CW5,*
------*-------------------------## * 45B5, 7189, 7320 *
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9AD * 5879 ##------*-------------------------*
------*-------------------------## 9CY * 5AM8, 6AM8, 6HJ8 *
9AE * 5EA8,5GH8,5KD8,5MQ8,5U8, ##------*-------------------------*
* 6AX8,6EA8/6GH8A,6GJ8,6HL8## 9CZ * 12G8, 6350, 6463, 6840 *
* 6LM8,6MQ8,6U8A/6KD8,9EA8,##------*-------------------------*
* 9GH8A,9U8A,19EA8,GB1252/ ## 9DA * 5AN8, 6AN8A, 10C8, 12CT8,*
* 6U8A,6678/6U8A,7059,7643,## * 7258, 7492, 8489 *
* 7687, 7731, 8445 ##------*-------------------------*
------*-------------------------## 9DC * 4BL8/CXF80,4KE8,5KE8,6BL8*
9AG * 12B4A ## * /ECF80,6JW8/ECF802,6KE8, *
------*-------------------------## * 6LN8,6LX8/LCF802,6MG8,8A8*
9AH * 6V8, 19V8, 7500 ## * 9A8/PCF80, 17A8 *
------*-------------------------##------*-------------------------*
9AJ * 4BC8,4BQ7A/4BZ7,4BS8,4BX8## 9DD * 6FC7, 7FC7 *
* 4BZ8,4ES8,4KN8,5BK7A,5BQ7##------*-------------------------*
* 5BZ7,5ES8,6AQ8/ECC85,6BC8## 9DE * 7308 *
* 6BK7,6BQ7A/6BZ7,6BS8,6BX8##------*-------------------------*
* 6BZ8,6DJ8/ECC88,6DT8,6ES8## 9DJ * 6BW4, 12BW4 *
* ECC189, 6FW8, 6GM8, 6JK8,##------*-------------------------*
* 6KN8,7DJ8,7ES8,8JK8,12DJ8## 9DP * 6JH8 *
* 12DT8,17EW8/HCC85,17JK8, ##------*-------------------------*
* 6922,7057,7803,8223,8431 ## 9DR * 6BC4 *
------*-------------------------##------*-------------------------*
9AK * 5X8, 6X8, 9X8, 19X8 ## 9DS * 5AS8, 6AS8 *
------*-------------------------##------*-------------------------*
9AQ * 3BX6,3BY7,3EH7/XF183,3EJ7## 9DT * 3A2 *
* /XF184, 4EH7, 4EJ7, 6BX6/##------*-------------------------*
* EF80, 6EH7/EF183, 6EJ7/ ## 9DV * 6486A *
* EF184, 6EL7, 6GK7, 12BX6 ##------*-------------------------*
END OF 5A and 5B
```

2582. Tube Base 4 of 6

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: EUGENE.WELCOME@rook.wa.com
Message-ID: <3D24CE9E@rook.wa.com>
Source record: 211820

```
Tube Base 4 of 6
================================================================================
BASE * TUBE TYPE Page 6A ## BASE * TUBE TYPE Page 6B *
------*-------------------------##------*-------------------------*
9DW * 5AT8, 6AT8 ## 9GC * 12J8 *
------*-------------------------##------*-------------------------*
9DX * 6AU8,6AW8,6BA8,6BH8,6CX8,## 9GE * 5CQ8, 6CQ8 *
* 6EB8,6GN8,6HF8,6HZ8,6JE8,##------*-------------------------*
* 6JL8,6JT8,6JV8,6KR8,6KS8,## 9GF * 4GS7,4LJ8,5CG8,5FG7,5GS7,*
* 6KV8,6LB8,6LP8,6LQ8,6LY8,## * 5LJ8,6CG8,6FG7,6GD7,6LJ8,*
* 8AU8, 8AW8A, 8BA8A, 8BH8,## * 7GS7, 9CG8 *
* 8CX8,8EB8,8GN8,8JE8,8JL8,##------*-------------------------*
*8JT8,8JV8,8KS8,10EB8,10GN8## 9GJ * 5CR8, 6CR8 *
* 10HF8,10JT8,10JY8,10KR8, ##------*-------------------------*
* 10LB8,10LW8,10LY8,10LZ8, ## 9GK * 6GK6, 6KY6,7KY6,7KZ6,8LS6*
* 11JE8, 11KV8, 11LQ8,7060 ## * 9KX6,9LA6,10GK6,16GK6 *
* 7716 ##------*-------------------------*
------*-------------------------## 9GM * 6CU8 *
9DZ * 5AV8 ##------*-------------------------*
------*-------------------------## 9GR * 6DB5, 12DB5 *
9E * 5T8,6AK8/EABC80,6T8A,19C8##------*-------------------------*
* 19T8 ## 9GS * 12AL8 *
------*-------------------------##------*-------------------------*
9EC * 5B8 ## 9GT * 12DK5 *
------*-------------------------##------*-------------------------*
9ED * 6AZ8 ## 9H * 5687,6900,7044,7119,7370 *
------*-------------------------##------*-------------------------*
9EF * 6CS7, 8CS7, 6DA7, 10DA7 ## 9HE * 6DC8 *
------*-------------------------##------*-------------------------*
9EG * 5BE8, 5DH8, 6BE8 ## 9HF * 6DE7,6DR7,6EW7,6FD7,6FR7,*
------*-------------------------## * 10DE7,10DR7,10EW7,10FD7 *
9EJ * 6582A ## * 10FR7,13DE7,13DR7,13FD7 *
------*-------------------------## * 13FR7,15EW7,19DE7,19EW7 *
9EN * 6CN7, 8CN7 ## * 20EW7 *
------*-------------------------##------*-------------------------*
9EP * 7898 ## 9HK * 5BW8, 6BW8 *
------*-------------------------##------*-------------------------*
9EQ * 7721, 7722 ## 9HL * 6360, 6939 *
------*-------------------------##------*-------------------------*
9ER * 6BJ8, 6BN8, 8BN8 ## 9HN * 5CZ5, 6CZ5, 6EM5, 8EM5 *
------*-------------------------##------*-------------------------*
9ES * 6CM7, 8CM7 ## 9HP * 6AY3,6BA3,6BH3,6BS3,6CH3 *
------*-------------------------## * 6CJ3,6CK3,6CL3,6CM3,6DW4,*
9EU * 6GC5, 12AB5, 6973, 7061 ## * 12AY3,12BS3,12CK3,12CL3, *
```

```
------*-------------------------## * 12DW4A,17AY3,17BH3,17BS3,*
9EX * 6BM8/ECL82,6DZ8,6HC8,8B8,## * 17CK3,17CL3,17DW4A,22BH3,*
* 9DZ8,11BM8,12DZ8,16A8/PCL## * 25CM3, 34CM3 *
*82,17HC8,18DZ8,35DZ8,50BM8##------*-------------------------*
* 50FY8 ## 9HR * 12DL8, 12DV8 *
------*-------------------------##------*-------------------------*
9FA * 5BR8,5FV8,5MB8,6BR8A,6FV8## 9HV * 12EM6 *
*6JN8,6MB8,9BR8,12EC8,12JN8##------*-------------------------*
* 19HV8, 19JN8, 8446 ## 9HX * 6DX8/ECL84,10DX8/LCL84, *
------*-------------------------## * 15DQ8 *
9FC * 4CX7, 6CH7, 6CX7 ##------*-------------------------*
------*-------------------------## 9HZ * 12DK7 *
9FE * 5BT8, 6BT8 ##------*-------------------------*
------*-------------------------## 9JC * 12DW8 *
9FG * 3GS8/3BU8,3KF8,4GS8/4BU8,##------*-------------------------*
* 6BU8, 6GS8, 6KF8, 6KM8 ## 9JD * 12DY8 *
------*-------------------------##------*-------------------------*
9FH * 12F8 ## 9JF * 5EU8, 6EU8 *
------*-------------------------##------*-------------------------*
9FJ * 6BV8 ## 9JG * 5EH8, 6EH8 *
------*-------------------------##------*-------------------------*
9FK * 17H3 ## 9JH * 7150 *
------*-------------------------##------*-------------------------*
9FN * 6BY8 ## 9JL * 2DF4 *
------*-------------------------##------*-------------------------*
9FR * 7233 ## 9JT * 7199 *
------*-------------------------##------*-------------------------*
9FT * 6CH8 ## 9JU * 12DS7 *
------*-------------------------##------*-------------------------*
9FV * 6854 ## 9JX * 12DU7 *
------*-------------------------##------*-------------------------*
9FX * 5CL8A,6CL8A,9CL8,19CL8A ## 9JY * 12DV7 *
------*-------------------------##------*-------------------------*
9FZ * 5CM8,5KZ8,6CM8,6CS8,6KZ8,## 9K * 5763, 7495 *
* 9KZ8 ##------*-------------------------*
------*-------------------------## 9KA * 6EZ8, 19EZ8 *
9G * 5686 ##------*-------------------------*
------*-------------------------## 9KG * 4CM4, 6CM4 *
9GA * 6HU6 ##------*-------------------------*
------*-------------------------## 9KH * 7239 *
9GB * 6877 ##------*-------------------------*
END OF 6A and 6B
=============================================================================
BASE * TUBE TYPE Page 7A ## BASE * TUBE TYPE Page 7B *
------*-------------------------##------*-------------------------*
9KN * 6GV7, 7GV7 ## 9PA * 6JC8 *
------*-------------------------##------*-------------------------*
9KP * 6FH8 ## 9PB * 7905 *
------*-------------------------##------*-------------------------*
9KR * 6FM8, 14GT8, 14JG8, 7724 ## 9PG * 4KF8, 20EZ7 *
```

```
------*-------------------------##------*-------------------------*
9KS * 7360 ## 9PJ * 8102 *
------*-------------------------##------*-------------------------*
9KT * 12FQ8 ## 9PL * 8106 *
------*-------------------------##------*-------------------------*
9KU * 12FR8 ## 9PM * 3HM6,3HT6,3JC6,3JD6,3KT6,*
------*-------------------------## * 4HM6,4HT6,4JC6,4JD6,4KT6,*
9KV * 12FX8 ## * 6HM6,6HT6,6JC6,6JD6,6KT6 *
------*-------------------------##------*-------------------------*
9LC * 6GE8, 7734 ## 9PQ * 6JU8, 8JU8A *
------*-------------------------##------*-------------------------*
9LG * 6CY7, 8CY7, 11CY7 ## 9PX * 7695, 7754 *
------*-------------------------##------*-------------------------*
9LK * 7551, 7558 ## 9PV * 6KA8, 8KA8 *
------*-------------------------##------*-------------------------*
9LP * 6CG7,6EV7,6FQ7,6GU7,8CG7,## 9PY * 8212 *
* 8FQ7, 8GU7, 12FQ7 ##------*-------------------------*
------*-------------------------## 9PZ * 8233 *
9LQ * 6EQ7, 6KL8, 12EQ7, 12KL8,##------*-------------------------*
* 20EQ7 ## 9QA * 4GJ7,4GX7,5GJ7,5GX7,5HB7 *
------*-------------------------## * 6GJ7/ECF80,6GX7,6HB7,6HD7*
9LS * 6EU7 ## * 8GJ7/PCF80,8GX7 *
------*-------------------------##------*-------------------------*
9LT * 6ET7, 6KU8, 8ET7, 10KU8 ## 9QB * 8278 *
------*-------------------------##------*-------------------------*
9LW * 3HS8, 4HS8, 6HS8 ## 9QD * 6GF7, 10GF7, 13GF7 *
------*-------------------------##------*-------------------------*
9LX * 1H2 ## 9QF * 6JA8, 10JA8 *
------*-------------------------##------*-------------------------*
9LY * 6GV8, 9GV8, 18GV8, 19KG8 ## 9QG * 6KM8 *
------*-------------------------##------*-------------------------*
9LZ * 6GW8/ECL86 ## 9QJ * 5BC3 *
------*-------------------------##------*-------------------------*
9M * 6CA4, 6V4/EZ80 ## 9QK * 6GJ5, 12GJ5, 17GJ5 *
------*-------------------------##------*-------------------------*
9ME * 18HB8, 35HB8 ## 9QL * 6JB6,6JE6,6JF6,6JU6,6KM6,*
------*-------------------------## * 12JB6,17JB6,22JF6,22JU6, *
9MP * 4HG8, 5HG8/LCF86, 6GY8, ## * 22KM6, 24JE6A, 24LQ6 *
* 6GW8/ECL86, 6HG8/ECF86, ##------*-------------------------*
* 7HG8/PCF86, 8HG8 ## 9QM * 6GQ7, 19GQ7 *
------*-------------------------##------*-------------------------*
9MQ * 6GM5 ## 9QP * 6KT8 *
------*-------------------------##------*-------------------------*
9MR * 6FA7 ## 9QR * 6ML8, 8358 *
------*-------------------------##------*-------------------------*
```

2583. Tube Base 5 of 6

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: EUGENE.WELCOME@rook.wa.com
Message-ID: <1DDDDB10@rook.wa.com>
Source record: 211821

```
Tube Base 5 of 6
Continuation OF 7A and 7B
9MS * 7701 ## 9QT * 6KY8,6LR8,15KY8,17LD8, *
------*-------------------------## * 21LR8 *
9MX * 7719 ##------*-------------------------*
------*-------------------------## 9QU * 6JG6,6JR6,6JT6,6KV6,12JT6*
9MZ * 7737 ## * 17JG6,17JR6,17JT6,17KV6, *
------*-------------------------## * 22JG6, 22JR6 *
9NF * 7763 ##------*-------------------------*
------*-------------------------## 9QW * 6HL5,12HL5,50HN5,60HN5, *
9NH * 6DT5, 12DT5, 25DT5,6GB5/ ##------*-------------------------*
* EL500,13GB5/XL500,18GB5, ## 9QY * 6LC8, 8LC8 *
* 27GB5/PL500, 28GB5 ##------*-------------------------*
------*-------------------------## 9QZ * 6LE8, 8LE8, 10LE8, 15LE8 *
9NJ * 6HU8/ELL80, 12HU8/PLL80 ##------*-------------------------*
------*-------------------------## 9RA * 6JQ6, 12JQ6, 17JQ6,25JQ6 *
9NQ * 6HW8 ##------*-------------------------*
------*-------------------------## 9RF * 9KC6 *
9NW * 6HA6, 6HB6, 10HA6, 15HA6 ##------*-------------------------*
* 15HB6, 28HA6 ## 9RG * 1BC2, 1BH2 *
------*-------------------------##------*-------------------------*
9NX * 6BF8 ## 9RJ * 21KQ6, 29KQ6 *
------*-------------------------##------*-------------------------*
9NZ * 6GT5, 12GT5, 17GT5, 7868 ## 9RL * 6LT8, 8LT8, 11LT8 *
END OF 7A and 7B
================================================================================
BASE * TUBE TYPE Page 8A ## BASE * TUBE TYPE Page 8B *
------*-------------------------##------*-------------------------*
9RQ * 6MD8, 12MD8 ## 12DA * 6AG11, 6AY11, 30AG11 *
------*-------------------------##------*-------------------------*
9RT * 2BJ2 ## 12DE8* 12DE8 *
------*-------------------------##------*-------------------------*
9RU * 6ME8 ## 12DG * 2AH2 *
------*-------------------------##------*-------------------------*
9RX * 6CT3, 17CT3 ## 12DM * 6AR11,8AR11,8BQ11,8CB11 *
------*-------------------------## * 11AR11, 11BQ11 *
9T * 17C8 ##------*-------------------------*
------*-------------------------## 12DP * 6AS11,6AF11,6BD11,10AF11,*
9U * 1AU2, 1V2, 2AV3, 2BA2 ## * 12AF11, 15AF11, 15BD11 *
------*-------------------------##------*-------------------------*
9V * 417A, 5842 ## 12DR * 6GV5,6GY5,16GY5,17GV5, *
------*-------------------------## * 21GY5 *
9X * 5847A ##------*-------------------------*
------*-------------------------## 12DT * 8149 *
```

```
9Y * 1AX2, 1BK2, 1X2B, 2AZ2 ##------*-------------------------*
------*-------------------------## 12DU * 8150 *
10F * 6C9, 17C9 ##------*-------------------------*
------*-------------------------## 12DZ * 6JZ8, 6LU8, 6MF8, 13JZ8, *
10G * 6J9 ## * 16LU8,17JZ8,21LU8,24JZ8 *
------*-------------------------##------*-------------------------*
10H * 19Q9 ## 12EA * 2DV4, 6DV4 *
------*-------------------------##------*-------------------------*
10K * 5X9,5U9/LCF201,6U9,6X9/ ## 12EB * 6GA7 *
* ECF200, 8U9, 8X9 ##------*-------------------------*
------*-------------------------## 12EJ * 6FM7, 13FM7, 15FM7 *
10L * 6Y9, 11Y9/LFL200, 16Y9 ##------*-------------------------*
------*-------------------------## 12EL * 1AJ2 *
10N * 6A9, 15AB9, 17AB9 ##------*-------------------------*
------*-------------------------## 12EN * 56R9 *
12AQ * 2CW4,2DS4,2EG4,6CW4,6DS4,##------*-------------------------*
* 13CW4,7586,8056,8382,8393## 12EO * 6FY7, 11FY7, 15FY7 *
* 8441, 8456 ##------*-------------------------*
------*-------------------------## 12ER * 6BA11, 8BA11 *
12AS * 7587, 8380 ##------*-------------------------*
------*-------------------------## 12ES * 6HD5, 6HJ5, 21HD5, 21HJ5,*
12BA * 7688, 7689, 7690 ## * 28HD5, 30HD5, 30HJ5 *
------*-------------------------##------*-------------------------*
12BF * 6B10, 8B10 ## 12EU * 8156 *
------*-------------------------##------*-------------------------*
12BJ * 6GE5, 6GF5, 6HB5, 12GE5, ## 12EW * 2AS2, 3BS2 *
* 17GE5, 21HB5 ##------*-------------------------*
------*-------------------------## 12EY * 6HE5 *
12BL *6AX3,6BE3,6BJ3,12AX3,12BE3##------*-------------------------*
* 12BJ3,12BT3,17AX3,17BE3 ## 12EZ * 6AD10,6BF11,6BY11,6T10, *
------*-------------------------## * 12AE10,12BF11,12T10,13V10*
12BM * 6FJ7 ## * 17BF11, 18AJ10, 24BF11 *
------*-------------------------##------*-------------------------*
12BQ * 6C10, 6D10 ## 12FA * 6EA4, 6EH4 *
------*-------------------------##------*-------------------------*
12BR * 5AZ3 ## 12FB * 6HF5 *
------*-------------------------##------*-------------------------*
12BT * 6J10, 6Z10, 13J10/13Z10, ## 12FC * 33GT7 *
* 17AB10, 17X10 ##------*-------------------------*
------*-------------------------## 12FE * 6AC10, 6AK10, 6U10,8AC10 *
12BU * 6AL11, 6G11, 10AL11, ## * 9AK10 *
* 12AL11, 12G11 ##------*-------------------------*
------*-------------------------## 12FJ * 6JM6A, 17JM6A *
12BW * 6J11 ##------*-------------------------*
------*-------------------------## 12FK * 6JN6A,12JN6A,17JN6A,33JV6*
12BY * 6AV11, 6BK11, 6K11/6Q11 ##------*-------------------------*
------*-------------------------## 12FM * 6T9 *
12CA * 6M11, 16BX11 ##------*-------------------------*
------*-------------------------## 12FN * 33GY7 *
12CN * 7984 ##------*-------------------------*
```

```
------*-------------------------## 12FP * 6BH11, 8BU11 *
12CT * 8058 ##------*-------------------------*
END OF 8A and 8B
======================================================================
BASE * TUBE TYPE Page 9A ## BASE * TUBE TYPE Page 9B *
------*-------------------------##------*-------------------------*
12FQ * 4HA7/4HC7, 5HA7 ## 12HK * 3BL2, 3BM2 *
------*-------------------------##------*-------------------------*
12FR * 5HC7 ## 12HL * 6LG6, 21LG6 *
------*-------------------------##------*-------------------------*
12FS * 6HE7,12HE7,33HE7,38HE7, ## 12HN * 6CA11, 11CA11 *
* 38HK7, 53HK7, 58HE7 ##------*-------------------------*
------*-------------------------## 12HR * 31AL10 *
12FT * 23Z9 ##------*-------------------------*
------*-------------------------## 12HT * 32HQ7 *
12FU * 8BM11, 9BJ11 ##------*-------------------------*
------*-------------------------## 12HU * 6MN8 *
12FV * 3AT2, 3BN2 ##------*-------------------------*
------*-------------------------## NOTE! THE TUBES FOLLOWING USE *
12FX * 6BZ3, 17BW3, 17BZ3,22BW3 ## THEIR TYPE NUMBERS AS THIER *
------*-------------------------## BASE NUMBERS AS THE FIRST 9 ON *
12FY * 6JS6A,6LR6,12JS6A,23JS6A,## PAGE 1A AND A FEW OTHERS. *
* 31JS6A, 35LR6 ##------*-------------------------*
------*-------------------------## 60E3 * 60E3 *
12GC * 14BL11 ## 407A * 407A *
------*-------------------------##FM1000* FM1000 *
12GD * 6JZ6, 21JZ6 ## 1222 * 1222A *
------*-------------------------## 1236A* 1236A *
12GF * 6BN11, 8BN11 ## 1247 * 1247 *
------*-------------------------## 5642 * 5642 *
12GH * 16KA6, 21KA6 ## 5647 * 5647 *
------*-------------------------## 5702 * 5702 *
12GJ * 6LB6 ## 5703 * 5703 *
------*-------------------------## 5704 * 5704 *
12GK * 6CE3/6CD3, 34CD3, 34CE3 ## 5744 * 5744 *
------*-------------------------## 5783 * 5783, 5787 *
12GL * 14BR11 ## 5784 * 5784 *
------*-------------------------## 5785 * 5785 *
12GM * 6KE6 ## 5889 * 5889 *
------*-------------------------## 6098 * 6098 *
12GN * 6AC9, 8AC9 ## 6187 * 6187 *
------*-------------------------## 6418 * 6418 *
12GQ * 3BF2 ## 6483 * 6483 *
------*-------------------------## 6611 * 6611 *
12GS * 11BT11 ## 6612 * 6612 *
------*-------------------------## 6872 * 6872 *
12GT * 6AG10 ## 6977 * 6977 *
------*-------------------------## 7054 * 7054 *
12GU * 6KN6, 22KN6, 42KN6 ## 7077 * 7077 *
------*-------------------------## 7241 * 7241, 7242 *
```

```
12GV * 1AD2 ## 7246 * 7246 *
------*-------------------------## 7382 * 7382 *
12GW *6KD6, 6LF6, 30KD6, 36KD6, ## 7430 * 7430 *
*40KD6 ## 7561 * 7561 *
```

2584. Tube Base 6 of 6

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: EUGENE.WELCOME@rook.wa.com
Message-ID: <C23ED02D@rook.wa.com>
Source record: 211822

```
Tube Base 6 of 6
Continuation OF 9A and 9B
------*-------------------------## 7576 * 7576 *
12GX * 6AF11 ## 7720 * 7720 *
------*-------------------------## 7768 * 7768 *
12GY * 6HS5, 6HV5 ## 7841 * 7841 *
------*-------------------------## *
12GZ * 6AK9, 16AK9 ## *
------*-------------------------## *
12HA * 3AW2 ## *
------*-------------------------## *
12HB * 6BV11, 12BV11 ## *
------*-------------------------## *
12HC * 6EF4, 6EJ4 ## *
------*-------------------------## *
12HD * 6BW11 ## *
------*-------------------------## *
12HE * 6AG9, 6AL9, 8AL9 ## *
------*-------------------------## *
12HF * 6CG3, 19CG3, 25CG3 ## *
------*-------------------------## *
12HG * 6MJ8 ## *
------*-------------------------##--------------------------------*
END OF 9A and 9B

How to use this Chart for Tube Substitution
Tube substitution is difficult without special books on it. In
the early 60's Sylvania published a Tube Manual with a back section
devoted to basing diagram references. This base reference gives a
quick way to find which tube used the same pin connections. You have
a tube type 6U8A in a receiver osc/mixer and you do not have a
replacement in your collection of goodies. Find a Tube Listings in a
50's, 60's, 70's or early 80's ARRL Handbook (The mid 60's and 70's
are the most complete) and look up 6U8 * (note below). It will show a
base type 9AE. Look at the chart I posted and look up 9AE and the
following tube types are listed. First you mentally weed-out all the
tube types not beginning with a 6 except for the industrial types.
Then write down 6AX8, 6EA8/6GH8, 6GJ8, 6HL8, 6LM8, 6MQ8, 6U8A/6KD8,
GB1252/6U8A, 6678/6U8A, 7059, 7643, 7687, 7731 and 8445. Look for one
or more of these in your goodies box. All the tubes will fit the tube
socket and most likely plug in 'BUT' you have to go farther. You may
have found a 6EA8/6GH8 tube in your goodies box and you hope it is
similar. Look it up in the tube manual, the 6EA8 or 6GH8, they were
once separate tube types that were so close in design they later
```

incorporated both numbers. The figure "/" between tube numbers indicates same types. The 6EA8 has the same Filament characteristics as the 6U8A, but the Plate Watts dissipation is a tad greater. It's OK to be a little higher as you do not know if your circuit was designed close to the limits. The 6EA8 = 3 Watts and 2.5 Watts for the 6U8A. The max Plate Voltage is slightly better, 150 versus 125v. Conditions set for Wattage applies here also. Plate resistance in Ohms is identical as there is some latitude here. Transconductance is a little more and the Amplification factor is the same. This tube will work well and probably will give better performance but since the triode section is the oscillator for the pentode section which is used as a mixer of this communications receiver, you may have to recalibrate the oscillator frequency. The 6U8C would have been the ultimate but its design is old and the 6EA8 was a newer generation design with different metals and cathode structure as well as grid structure that resulted in an improved operating tube over the 6U8. The 6U8 often developed inter-electrode shorts and was noisier. The 7731 happens to be the same as a 6U8A. The 8445 would not be a good choice. Lower wattage and plate voltage ratings. More than likely it would over heat and self destruct. Possibly damaging the radio.
Now if you are looking for more power such as in old tube type amplifiers say the famous Williamson Amp. There were variations with the final power tubes being 6L6GB/GC or 5881 or KT-66. You have a pair of KT-88 and you find out they all share a base type 7S/7AC. Forget it, you will gain nothing by installing the KT-88 and quite possibly get poorer results. The KT-88 has much higher plate voltage requirements as well as higher plate current all of which is not available in the smaller amp. The output transformer is matched to the smaller tubes and would not handle the increased current of the KT-88's. Also the bias voltage for class AB1 is totally different and distortion would probably result. I've tried it. It was a waste of my money. Tube substitution for RF use as in a Frequency Multiplier chain or Driver or even Output RF Amps, caution should be exercised. Substitute with tubes that closely match. Don't sub for increased power but you can substitute for improved performance. As the Tube, as "King" in the industry came to a close the engineers were designing quieter tubes for RF receiving use.
* Note: a 6U8/6U8A/6U8B or even C. A or B or C is nothing more than evolutionary changes of the late 50's vintage 6U8 underwent over the years as a 6U8A is better than a 6U8 and so forth. It may have enough difference that the tube may not work in a critical oscillator circuit or be way off frequency. Try the substitution ** note below, as nothing ventured nothing gained. Or smoked. :(
** Note: When substituting Tubes The Filament Voltage and the current should closely match the original in parallel wired circuits. Using a higher current fil. may over heat the filament supply. For Series String Tubes, fil. current has to match with each tube. The total series fil. Voltage should be equal to the filament supply voltage. Although a lesser current filament can operate with a higher filament current tube if a resistor is paralleled with the lesser to

equal the total current drawn by the greater.

My apologies for not creating this document to fit a standard
sized paper. I started out with 70 lines per page and messed up on
the 5th and 6th page but some adjusting on a word processor should
help in printing. There are still some Electronic Buffs (new and old)
out there that will get some use out of this. Enjoy.
_ /|
\'o 0'
73, Gene, K7"EEK" !! a =(_"_)= ?? He ate my Mouse !
U

2585. Re: Mobile Repeaters Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: Andy Brinkley <brinkley@ols.net>
Message-ID: <44md64$99u@server2.ols.net>
Source record: 211823

MKWS78A@prodigy.com (William Rahl) wrote:
>How does a mobile repeater work? When I am in a location away
>from my mobile and I can't reach my base repeater with my HT, How would
>a mobile repeater work to repeat back to the base repeater. Any help
>appreciated. I have seen GE and Motorola mobile repeaters advertised
>
>
>
> Thanks , Bill
>
>
> MKWS78A@prodigy.com
>

Bill -

The commercial Motorola PAC-RT and PAC-PL "Vehicular" repeaters operate on a cross band principle. Midland also offers a vehicluar repeater and a company called Pyramid now offers an add on vehicular repeater.

If your mobile radio operates on VHF, you would use a UHF portable to communicate with a UHF PAC repeater that in turn keys your mobile radio and rebroadcasts the transmissions from your portable. Likewise when the receiver on your VHF mobile unit is active, it rebroadcasts thru the PAC repeater to the UHF portable.

The general principle is very similar to the crossband repeat offered on most dual band mobiles; however the Motorola units are designed so that if there are multiple PAC repeaters at a given location, only one will key up.

Hope this has helped.

2586. Re: TH79AD

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: gaspo <gaspo@lick.pvt.k12.ca.us>
Message-ID: <44n0qm$lnu@sun.sirius.com>
Source record: 211824

yup, the "th79" mod works on the th-79a. just make sure
to NOT cut the GreenWire if you do the diode mods.

--gaspo.

- Scott Gasparian - "gaspo" KE6SRG - Umwelt Schutzen, -
- Educator/Sysadmin - Product R+D Director - Rad Benutzen. -
- Lick Wilmerding H.S. - gaspo's Gadgets Inc. - /\ \--/ /\ \==/ -
- gaspo@lick.pvt.k12.ca.us SF(415) 333 4021 - /__\ \/ /==\ \/ -

2587. 6 Meter Transverter Wanted - 6mxvtr.txt [01/01]

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: djarrell@pixi.com
Message-ID: <44n2n2$3t3@rigel.pixi.com>
Source record: 211825

```
BEGIN -- Cut Here -- cut here
Path: news.pixi.com!pixihost
From: djarrell@pixi.com (Dave Jarrell)
Newsgroups: rec.radio.swap
Subject: 6 Meter Transverter Wanted
Date: Sun, 01 Oct 95 21:49:39 GMT
Organization: Amateur Radio Station AH6OB
Lines: 14
Message-ID: <44n2hj$3t3@rigel.pixi.com>
NNTP-Posting-Host: gorgax05.pixi.com
X-Newsreader: News Xpress Version 1.0 Beta #4
Status: N

Looking for a good six meter transverter. Will swap a "like new"
Yaesu FT-23R two meter handheld with TT pad, CTCSS
encoder/decoder, new FNB12 nicad pack, emergency "A-A" battery
pack and deskcharger.

From the Desk of:

Dave Jarrell
Amateur Radio Station - AH6OB
Honolulu, HI

E-mail: djarrell@pixi.com

END -- Cut Here -- cut here
```

2588. There R those that post accidently in the wrong forums and all hell.....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: Marcus <mfp@utw.com>
Message-ID: <44n279$6e1@stellar.comnet.com>
Source record: 211826

I cannot believe HOW ignorant and rude the forum users are in this forum...

2589. Re: Mobile Repeaters Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <44n71m$jan@nlcnews.nlc.state.ne.us>
Source record: 211827

Andy Brinkley <brinkley@ols.net> wrote:

>The general principle is very similar to the crossband repeat offered on most dual
>band mobiles; however the Motorola units are designed so that if there are multiple
>PAC repeaters at a given location, only one will key up.

I'm not criticizing your reply to the original post. It was accurate and just what he wanted.

I just have one question. Why is it we have let the new terminology creep into this sort of operation? This is/was referred to as a remote base, not a repeater. There is no repeater involved here. Let's get back to the earlier terminology.

Another 2 cents worth.

Gary McDuffie, Sr. AG0N Scottsbluff, NE
Internet: mcduffie@hannibal.wncc.cc.ne.us
Packet Radio: AG0N@AG0N.#WNE.NE.USA.NOAM

2590. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: scicon@ix.netcom.com
Message-ID: <44n7u5$j2f@ixnews6.ix.netcom.com>
Source record: 211828

Why do some say the HTX-202 is no good for packet?

I use mine on packet using Baycom, and it seems to work OK, but I've never used anything else on packet. Sometimes I can't connect to stations when I can hear their signal very clearly. Is that the problem people are talking about?

I don't use packet very much because I can't always cannect to my club's BBS, but I always thought that was because of the traffic.

Can someone explain the problem with the HTX-202 on packet?

Dan KE6LBX

2591. Re: Alinco DJ160 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: marcw@kaiwan009.kaiwan.com
Message-ID: <44n90h$gi1@kaiwan009.kaiwan.com>
Source record: 211829

J. Fitter (joentam@transend.com.tw) wrote:
: I have a DJ-160 too. Unfortunately, I dont believe the
: 160 includes the circuitry to receive am aircraft. This
: was the difference between the 160 and 162.

You may be correct, but it does seem to allow one to tune in the aircraft band, and it seems to be receiving a signal, but nothing is heard from the speaker. Oh well, it was worth a try. If anyone else has more info please post or email marcw@kaiwan.com

Thanks,

Marc

2592. Looking for ftp or WEB mods sites

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: guru314708@aol.com
Message-ID: <44n9jo$mha@newsbf02.news.aol.com>
Source record: 211830

I you know of any good ftp or WEB sites for Ham radio mods Email would be greatly appreciated! Thanks in Advance..... DON

2593. Re: Real manual for Alinco DJ580T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: ga19989@evax01.d51.lilly.com
Message-ID: <1995Oct1.191245.1@evax01.d51.lilly.com>
Source record: 211831

The author is Jay_appell@cac.stratus.com
I downloaded the manual some time ago and did not keep a record of internet
location
Manual is dated 8/92

Mel KJ9C

In article <44hfei$15f@ixnews2.ix.netcom.com>, pbobby@ix.netcom.com (Paul Bobby) writes:
> Shortly after buying this radio, I found a reference on the net to a
> location for the 'real' manual for this radio. That address is now out
> of date, and have not been able to follow up with it.
>
> Can anyone lend a hand in searching further for this information?
>
>
> 73, kb2vkn
>
> Paul Bobby - pbobby@ix.netcom.com
> Life is great, aint it!
>

2594. 2m, 220, 440

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: doug.karp@awaiter.com
Message-ID: <9510010821295985@awaiter.com>
Source record: 211832

We are looking for 2m, 220, 440, H.T., Base, Mobile, no matter the age.
Doen'st have to look good asxtappearance is not important.
Being that we are all hobbiest that gets together 2x monthly
What we all have in common is a health condition of the adominal like
colotis, choromes, and relation thereof.

Being that none of us are working as this thing is not fun but
existing as best as possible

vf you are selling cheaply or etc please let me know
my number is 510-680-7543
thanks
doug

2595. used Icom IC-228H prices?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: leber@omni.voicenet.com
Message-ID: <leber-0110952057020001@ivyland23.voicenet.com>
Source record: 211833

I'm looking at purchasing a couple of used Icom 228H mobiles for my
CAP squadron. The seller is asking $225...is this a reasonable price
for a 2-3 year old 228H? (Obviously a lot depends on condition, but in
general?)

Are there any particular 'gotchas' with these rigs?

Cheers,
Tom

Tom Leber N3QKV <leber@omni.voicenet.com> - Wyndmoor, PA USA
"Smother technology and it rebels." - Max Headroom

2596. FT-2500M MODS???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: panther@atl1.america.net
Message-ID: <panther.812597468@atl1>
Source record: 211834

Does anyone have any mods for the FT-2500M ??

Thanks..

2597. FS: Yaesu FT767 HF/VHF/UHF Base XCVR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: fdeeg@ix.netcom.com
Message-ID: <44n9dq$gjn@ixnews2.ix.netcom.com>
Source record: 211835

FOR SALE: Mint condition 767 All Mode Base Radio. In addition to HF, includes 6M, 2M, 70CM (FM portion), and Computer Interface modules. Also includes Heil Headset control system, manuals (including service manual). *NOTE*: The Lithium memory battery will need to be replaced since it has expired!

MINIMUM acceptable offer: $1500. *No trades*. Let's discuss / negotiate. SOUTHERN CALIFORNIA PICK-UP PREFERED.

Pls reply via *E-mail ONLY* or by voice mail.

73 de Fred / N6FD
fdeeg@ix.netcom.com
Voice: 310-823-0767
FAX: 310-821-7756

2598. Midland 13-510 or 13-513 adding PL encoder?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Oct1.072520.2380@grian.cps.altadena.ca.us>
Source record: 211836

I'm having trouble getting clean waveforms when wiring a Com-Spec TE-64 to the "tone" jack of the older Midland synthesized ham rig.

I suspect the "tone" jack injects at a point in the L.O. that was designed for touchtone, not PL.

If someone has done the R&D to find the proper point in the LO/synthesizer, please email or post - it'll save reinventing the wheel.

--

Mike Morris morris@grian.cps.altadena.ca.us
#include <disclaimer.std.h> I have others, but this works the best.
This message assembled from 100% recycled electrons (and pixels).

2599. Anyone use ttl oscillators for qrp?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <800120810701@humnet.humberc.on.ca>
Source record: 211837

```
>
> Qrp work? I have somee that I special ordered on the ham bands but
> have not tried them yet. I know that a few years ago 73 mag had an
> article about them. Just wondering if anyone has tried it though.
>
>
> Thanks...de..Don.
>

You won't get too far with the power that comes out of a TTL oscillator
not to mention that the signal is a square wave.
You might want to filter and buffer the output to produce more of a sine
wave at a little higher power.

Regards...

Hugh Duff VA3TO Toronto

---
```
 NFX v1.3 [000]

```
--
------------------------------------------------------------------------
HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
Visit our Website at http://humnet.humberc.on.ca/
```

2600. Re: There R those that post accidently in the wrong forums and all hell.....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: rsmits@ham.island.net
Message-ID: <100195195548Rnf0.79b6@ham.island.net>
Source record: 211838

Marcus <mfp@utw.com> writes:

>I cannot believe HOW ignorant and rude the forum users are in this forum...
>
>

Why not? The net is faithfully mirroring society, after all.

--
rsmits@ham.island.net (Robert Smits)

Strange to say what delight we married people have to see these
poor fools decoyed into our condition. - Samuel Pepys

2601. Re: RC96 + RBI1 + TM721 = No worky?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-01 00:00:00 UTC
From: fitz@svl.trw.com
Message-ID: <fitz-011095150128@m42004.svl.trw.com>
Source record: 211839

In article <449q1f$5c1@geraldo.cc.utexas.edu>, otoupal@astro.as.utexas.edu (Doug Otoupal) wrote:

> Short form: I hooked up a new Doug Hall RBI-1 interface between
> the clubs ACC RC-96 and a Kenwood TM721. I can't get the Kenwood
> to changes freqs, transmit, or receive. Any ideas??
>
> That leaves only me as the problem. I'm stumped. Any ideas?
>
> A few notes: I'm getting a data stream from the RC-85 to the RBI-1.
> I'm also getting data from the RBI-1 to the Kenwood. PTT signal is
> getting from the RC-85 to the RBI-1 but the RBI-1 is NOT sending PTT
> to the TM-721. Likewise, I am NOT getting COR from the RBI-1 to
> the RC-85. I did remember to turn off the HF Remote Base prefix
> on the RC-85. The RC-85 is reading back the frequency that I am
> trying to get to. The remote base did work with just the TM-721
> after I had moded it for a COR output. About the only thing I have
> been able to do is get the TM-721 to switch bands when I tell it
> to.
>
> The folks at Doug Hall have been very accomidating but are just
> as stumped as I am.
>
> Any ideas? Post or email is fine. I'll post the answer if there
> is enough interest.
>

Hello Doug,
I have an RBI-1 and have couple of problems with it also. There are a few things that I would like you to check. Do you have the controller set-up to support the FC-1 (BCD) format and the dip switches 4 ON 5,6,7 OFF. Is the COR input to the RC-96 set-up for active high? If not it should be. One thing I found out is that the RBI-1 wants to see absolute ground on the PTT input and many controllers only drop down to about .7 volts enough for a radio, but not enough for the RBI-1. A solution to this is to use the PTT output from the controller to drive a small relay and set the contacts of the relay up so the common contact is grounded and the normally open contact goes to the PTT input on the RBI-1. This way when the controller sends out the PTT this will energize the relay an send absolute ground to the RBI-1. Hopefully this solution willbe of help in fixing the PTT problem. As for the COR let me know the answers to the questions above.
Good Luck!
73
Sean KE6MOW
ke6mow@oscinc.sbay.org

>
> ---
> I BE: Douglas S. Otoupal N5HYD NRA
> INTERNET: otoupal@astro.as.utexas.edu ACLU
> US MAIL NET: McDonald Observatory, Ft. Davis, TX 79734 SCCA
> PHONE NET: (915) 426-3263 - (915) 426-3679 BD of A
> Is there supposed to be a hyphen in anal-retentive?
>
>
>
>

2602. Re: ON-Line no-code license

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <44nojp$sa2@cc.iu.net>
Source record: 211752

In <44c92j$3l@usenet.INS.CWRU.Edu>, dx406@cleveland.Freenet.Edu (Lou Haas) writes:
>
>
>Is there a way to take the test on-line?

no, but there are tests given all over the country...call (800) 32-new-ham
and ask for a prospective ham kit...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

2603. Need 50 YAESU FTH-2008 walkie-talkies NOW!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: jvitali@interoz.com
Message-ID: <44njl0$7aj@server.cntfl.com>
Source record: 211753

Any dealers that can deliver 50 YAESU's FTH-2008 at a fair price for
export please send me e-mail immediately to:
jvitali@interoz.com

Thanks

Juan Vitali

2604. I have tubes.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: jpetrocy@uceng.uc.edu
Message-ID: <jpetrocy-0210951111030001@ucxy08_12.slip.uc.edu>
Source record: 211754

I have a wide variety of tubes, actually I have a few hundred. My
grandfather (W8YFS) died a few years ago and he left me his radio gear.
The tubes are not anything I really need and I would like to find someone
who would like to buy them from me.
There are tubes and boxes that are EXTREMELY old and many that are only
a few years old ones as well. If you have any serious curiousity in
purchasing these in bulk please e-mail me with what you are looking for.

Thanks.
JWP
--
-73 de KG8PV
Joe Petrocy
President of the University of Cincinnati Amateur Radio Club

ARS: KG8PV (formerly N8UPG) Home Phone: (513) 281-1259
Air Force MARS: AFA1BW Pager: (513) 736-2940

My WWW page: Packet:
http://www.uc.edu/~petrocjw/ KG8PV@W8YX.#CIN.OH.USA.NA

University of Cincinnati Amateur Radio Club: W8YX
Club Phone: (513) 556-9899
Repeater: 147.060 Mhz (+ offset) [100hz pl tone out]
Club Email: W8YX@UC.EDU
Club WWW page: http://www.uc.edu/www/w8yx

2605. Re: Mobile Repeaters Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct2.142021.12875@ke4zv.atl.ga.us>
Source record: 211755

In article <44n71m$jan@nlcnews.nlc.state.ne.us> mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.) writes:
>Andy Brinkley <brinkley@ols.net> wrote:
>>The general principle is very similar to the crossband repeat offered on most dual
>>band mobiles; however the Motorola units are designed so that if there are multiple
>>PAC repeaters at a given location, only one will key up.
>
>I'm not criticizing your reply to the original post. It was accurate and just
>what he wanted.
>
>I just have one question. Why is it we have let the new terminology creep
>into this sort of operation? This is/was referred to as a remote base, not a
>repeater. There is no repeater involved here. Let's get back to the earlier
>terminology.

Oh, boy, is this a can of worms! The operation described above falls under the definition of "repeater" in Part 97. Part 97 doesn't use the term "remote base".

Of course these crossband repeaters don't act much like traditional in-band repeaters. Having two input frequencies and two output frequencies, they behave in a manner that is described coloquially as a "remote base". But that's not defined in Part 97.

In left coast amateur parlance, "remote base" has come to be a term describing part of a remotely controlled transmitting system, and remote control operation is defined in Part 97. The above referenced operation doesn't meet that definition because *all* transmissions of the "remote base" aren't under direct operator control. Instead, they occur under automatic control (either via carrier squelch, tone squelch, or some form of digital squelch from inputs on the VHF side as well as from operator control signals on the UHF side), which repeaters are allowed to do, but remotely controlled amateur stations are not.

If the operator on the control link were putting the station in "listen" mode and "transmit" mode manually over the control link, then we'd have a proper remotely controlled station. But by allowing the signals of others on the VHF side cause the relay station to transmit, it becomes a repeater and not just a remotely controlled station.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary

534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2606. Re: Kenwood TM733 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: Steve Anthony <santhony@ucar.com>
Message-ID: <44p16g$e3k@ni1.ni.net>
Source record: 211756

Jim,

Try an anonymous FTP to oak.oakland.edu

cd /pub/hamradio/mods/kenwood

There is a 733a FAQ and several MOD sheets.

Email me if you don't have FTP capability and I can email the docs to
you.

Hope that helps.

Steve Anthony
santhony@ucar.com
KD6TSK

2607. Kewood TM 742/642 Unrepairable????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: wayne.t.hally@tek.com
Message-ID: <wayne.t.hally.20.30701AF3@tek.com>
Source record: 211757

A Friend shipped 1 Yr old TM742 Tranciever to Kenwood for repair. He was told even though unit is still in production, it was unrepairable because the control board is unavailable. Does this make sense? Has anyone else had a similar problem? Should we all stop buying Kenwood. Please post comments, Thanx

Wayne T
Science Addict
The opinions and observations contained within are mine and do not necessarily belong to Tektronix. I like it that way!

2608. Re: DSP advertising claims

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: "Edwin J. Bailen" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.951002125619.21610E-100000@matrix.eden.com>
Source record: 211758

I built one of the early W9GR units for my father-in-law, and gave it an (extensive) run-in before delivering it. I thought it worked quite well. (He has a problem with line noise, and is VERY happy with it.) I then built one of the later versions for myself. IMHO the audio quality on the earlier design was much better than that of the current design.

Ed Bailen -- N5KZW
Information Systems should be tools, not excuses.

On 1 Oct 1995, PTracy wrote:

> In article <44kebh$jda@nlcnews.nlc.state.ne.us>,
> mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.) writes:
>
> >You guys must be using the RS so-called NR unit. It is nothing but a
> notcher
> >and audio bandpass filter. The NR is their own terminology that does not
> >cross to the common usage in amateur radio.
>
> Nope, it's the W9GR unit I believe. Surely was not the Rat Shack unit. I
> have since returned it to the owner, so I am not exactly sure which one it
> was. I am positive it was not the Rat Shack unit, like I said.
>
>

2609. icom sp-3 or sp-20

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-0210951553170001@vyger103.nando.net>
Source record: 211759

can anyone tell me for sure the difference between an icom sp-3 and an sp-20?
i have several sp-3's which match the 7000/71a/751a series units perfectly but
i keep hearing that an sp-20 does as well can anyone confirm??

thanks

-mike-

e-mail response to: redlight@nando.net

--
Mike - Raleigh, NC USA

2610. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: Rob Bellville <bellvill@ultranet.com>
Message-ID: <44pfrd$eba@caesar.ultra.net>
Source record: 211760

scicon@ix.netcom.com (Dan Walker) wrote:
>Why do some say the HTX-202 is no good for packet?
>
>I use mine on packet using Baycom, and it seems to work OK, but I've
>never used anything else on packet. Sometimes I can't connect to
>stations when I can hear their signal very clearly. Is that the problem
>people are talking about?
>
>I don't use packet very much because I can't always cannect to my
>club's BBS, but I always thought that was because of the traffic.
>
>Can someone explain the problem with the HTX-202 on packet?
>
>Dan KE6LBX

I used my HTX-202 for packet for a long time without problems. Just
couldn't use the rubber duck antenna due to RFI from the TNC. Worked
great with an external one.

- Rob

.....
Rob Bellville, N1NTE PO Box 515
bellvill@ultranet.com Millbury, MA 01527
.....
http://www.ultranet.com/~bellvill/
.....

2611. Re: FT-2500M MODS???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: wayne@nexus.interealm.com
Message-ID: <44pgam$fjc@nexus.interealm.com>
Source record: 211761

panther@atl1.america.net (Jonathon B. Reich) wrote:

>Does anyone have any mods for the FT-2500M ??

>Thanks..

Looking for same info

wayne
wa2kec

2612. Copy of a*** Service manual ic 751 2 mtr all mode***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: mkulyk@ix.netcom.com
Message-ID: <44piit$31i@ixnews4.ix.netcom.com>
Source record: 211762

Need a service manual for a icom 751 2 mtr all mode.Will pay shiping costs or photo copy costs..Please E -mail I am posting this for a member of our radio group.. 73 MIke WB2GLW..

2613. Mods for Kenwoods 741,742

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: "Thomas C. J. Sefranek" <wa1rhp@wa1rhp.iii.net>
Message-ID: <44pk2l$58@news.iii.net>
Source record: 211763

I have had the misfortune of owning a 741 with a 6 meter module,
(as well as the usual 2 meter and 440Mhz...)
in which both the 2 and 6 meter transmitters failed.

After months of moaning and complaining, nothing getting fixed that way,
I needed to take a trip out of state. No way was I going to travel
without my...radio's.

So, I removed the remote radio. After some time I got the modules
fapart and open. Hah! The 6 meter PA had an obvious power line
disconnect! The pin from the main PC board which carries the 12 VDC
at several amps to the PA transistor just brushes by the PA PC board.
And Kenwood bridges the gap with solder, now that's a good connection!
NOT! I removed the old solder, and added a piece of zip strip, the
copper bus bar with .1" holes for wire wrap baords, over the power
pin. Then I soldered the pin and the bus bar. NOW, it's a good
connection! Take note kenwood! (and owners)

Next the 2 meter module. I found no obvious failures by inspection.
But, Roger (W1OJ) suggested the PA module has had a history of
cracking... So I de-soldered the 4 pins from the module to the PC
board, and popped off the cover of the PA module.
Sure enough! The ceramic substrate of the hybrid was cracked.
I noticed NO heat grease between the module and the heat sink...
Kenwood!!! Bridging the lands on a ceramic sub-strate bonded to a
heat sink is a trial! A "normal" soldering iro gives up it's heat
immediatly to the heatsink thru the ceramic! So drastic measures are
required! I used a "big motha" tip for a few seconds and got it fixed.
However I only get 15 watts in the high power mode, perhaps some of the
paralleled transistors didn't like the crack failure mode. Ah well!
I can live with 15 watts! Someday, when I'm rich, I'll buy a replacement
PA module.

I hope this note helps other Kenwood 741-2 owners, I suggest you fix the
heat grease problem BEFORE the substrate cracks. And if you have the
10 meter or 6 meter modules, check for a "good" connection from the
power pin to the PA board. You can "do" the fix with wire too!

73
Tom

2614. AVVID Repair?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <44pkm6$r27@crow.cybercomm.net>
Source record: 211764

Anyone have any experience with AVVID out of Dallas, Texas?

Steve, WA2NHZ

2615. Re: Mobile Repeaters Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: medic33@ix.netcom.com
Message-ID: <44obrk$k78@ixnews4.ix.netcom.com>
Source record: 211765

Hi Bill,

>How does a mobile repeater work? When I am in a location away
>from my mobile and I can't reach my base repeater with my HT, How
would
>a mobile repeater work to repeat back to the base repeater. Any help
>appreciated. I have seen GE and Motorola mobile repeaters advertised

It would work the "cheapest" with a dual band mobile/ht. If you have a dual band ht.. 2m 440 then you pay about 600.00 for a dual band mobile.. Compared to WAY OVER 600.00 for a mobile repeater...

First: With the dual, dual radios.. What I have is a Kenwood TH78A and a Kenwood TM742 mobile.. Both have 2m/440 I put the mobile in fixed band repeat.. On the ht.. Put the repeater I want to hit on one side and a simplex frequency in the other.. ie.. repeater on 2m and 440 simplex. On my mobile what I tx on 440 gets re-transmitted out on 2m in the car.. I use fixed band repeat because it is not a FULL CROSSBAND and I have no hangtime or wait for a carrier to drop before I can transmitt.. It is instinateus.. This only works if you can hear the repater with your ht.. It is sort of like a one way extender.. I like retransmitting through 440 because it has the best penetration through buildings.

Second: With a portable mobile repeater you have the advantage of providing a repeater if you go on an event or have allot of hams in one area where other repeaters are not usuable.. You can use the repeater to access other repeaters, but would need a remote base installed.. That costs more $$$$$$.. Depending on the quality and features.. If you go that route an autopatch can probably be setup through a cell phone???????????? ALSO check with your local repeater club, some do not like remote bases comming in on there repeaters.. So dont care some do care..

--

□
Internet Address: medic33@ix.netcom.com
□
Packet: kd6wkp@nr6p-1.#socal.ca.usa.noam
□
Take Care & Have a Nice Day!!

Joe KD6WKP
□

2616. Re: Looking for ftp or WEB mods sites

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <44oebj$4p2@newsbf02.news.aol.com>
Source record: 211766

Hi Don:

Try these two:

ftp://oak.oakland.edu

ftp://kilroy.jpl.nasa.gov

The oakland site seems to be abt the best I've found for mods.
73's
Mike KS4DA

2617. FT51R - software R&T Systems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: josecsa@embratel.net.br
Message-ID: <44pi7k$hul@rjo02.embratel.net.br>
Source record: 211767

Does anybody know where I can buy the R&T Systems software, used to program the Yaesu FT51R?
Mails to josecsa@embratel.net.br.

Thanks.

2618. Re: 2m, 220, 440

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: harrisok@vax.sonoma.edu
Message-ID: <1995Oct2.165624.1@vax.sonoma.edu>
Source record: 211768

In article <9510010821295985@awaiter.com>, doug.karp@awaiter.com (Doug Karp) writes:
> We are looking for 2m, 220, 440, H.T., Base, Mobile, no matter the age.
> Doen'st have to look good asxtappearance is not important.
> Being that we are all hobbiest that gets together 2x monthly
> What we all have in common is a health condition of the adominal like
> colotis, choromes, and relation thereof.

I really hope that if you decide to talk for hours on end about your conditions on the radio, that it isn't on a repeater. You guys must be looking for simplex capable equipment, like mobiles with plenty of power or amplifiers to go along with those HT's, right? I hope so.

> doug

Ken
--

Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

2619. Need info on AEROTRONS!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: hillgen@gladsheim.rutgers.edu
Message-ID: <44q8r2$5s7@gladsheim.rutgers.edu>
Source record: 211769

I have a couple of trunk-mountable aerotrons that I believe are in the
800-900 MHz range. I believe that they are synthesiized....but I have
no idea what the exact specs are like or even hoe to program them. Can anyone
help? Any info is appreciated.
Jay

2620. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: eeb@access.digex.net
Message-ID: <44p0tc$d0u@news4.digex.net>
Source record: 211770
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

gsk@khaki.esd.sgi.com (George Kong) wrote:

>also, dealers can set it up for hand-programming.

>it's the only radio i know of that's targeted at the 450-470 commercial
>band but can also receive and transmit in the 430-450 Mhz ham band.

>does anyone out there have or know anything about the icom f40-LT
>or the vertex vx500?

>George

We carry the ICF40LT. Send me your address and I can send you the
brochure. I love this and the 30. One of the nicer radio's I've used
in the last year. Alpha-Numeric memory, 99 channels, lots of audio.
CTCSS and DTCS signaling are standard. If you want to talk
to someone about this radio just call us and ask for Roger Doll.
I think he feels the same about this radio.

Allen

****
ELECTRONIC EQUIPMENT BANK Sales- 800 368 3270
323 Mill St. N.E. Fax- 703 938 6911
Vienna, VA 22180 BBS- 703 938 3781
* Internet: eeb@access.digex.net *
* Compuserve: 73424,1345 *
* Amateur Radio--Shortwave Radio *
* Scanning Radio--Commercial Radio *
****

2621. Re: Any AEA DSP-2232 users out there??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct2.151636.13163@ke4zv.atl.ga.us>
Source record: 211771
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <44mgmj$l8l@ixnews5.ix.netcom.com> willhelm@ix.netcom.com (BILL DILLSTROM) writes:
>I am interested in the possible purchase of the AEA DSP-2232
>controller. However i have a few questions concerning its advantages
>over the PK-900 Tnc. The only advantage i can see at this point is the
>DSP signal acquisition scheme (and its possible superiority) over the
>analog bandpass filters in the 900. I assume for the average guy who is
>not interested in sat work that the 900 is the proper choice. But with
>todays bands becoming more and more crowded the DSP can become a
>benefit i am sure. I heard some scuttlebutt a year or so back that
>owners of the 2232's were upset with AEA because they had not come
>forward with their original plans to implement SSTV//and several other
>promised modes for the 2232. I guess maybe AEA kind of dropped their
>R&D towards this controller because it had not become a hot seller for
>them. With the price they ask for this machine i can see why it did not
>really catch on well. Anyway, if you can shed any light on this i would
>really appreciate it. Thanks in advance......Bill in Las Vegas, Nv.

AEA and their original DSP programmer had a parting of the ways after the satellite modems were completed. (I won't get into that, having only heard the programmer's side of that dispute.) Anyway, that stopped DSP code development for the unit for some time. The rumor mill had it that AEA had engaged the services of another DSP programmer, but as you note, there doesn't seem to have been any further code released for use with these units. At this point it is reasonable to question if there ever will be more code released for this box.

AEA did release some documentation on this unit so that independent programmers could work with it, but I haven't seen any code released as a result of that (Grace's DSP-12 seems to share a similar fate). TAPR seems to finally have their DSP card available for programmers to use, but again code has been slow in coming, and it's priced higher than many available alternatives.

Other DSP solutions intended for amateur use have also appeared, including the HAL P-38 card and the PACTOR II unit from Germany (also to be second sourced by PacComm). These units seem to have committed development teams, and likely have a future.

In the meanwhile, DSP evaluation kits, and sound cards bearing DSP processors, have become available which are much cheaper than any of the above units (most available for under $100), and for which cheap (or free) development tools and documentation have become available. Among these are the TI kits, the Motorola kits, and the

Analog Devices kits. The latter chipset is also used on the inexpensive Cardinal sound card, which also has an available software development toolset. And there is an IBM sound card bearing the TMS320C25 DSP chip as well. The sound cards are particularly attractive because of their tight coupling to the host PC, but most of the evaluation kits are also suitable for use as external modems for ordinary TNCs.

So what's a buyer to do? I'd suggest that if you're happy with the current code available for the AEA or Grace boxes, and if you can stomach the price, you go ahead and buy one of them. However, if you're expecting lots of enhancements down the road, you'd do better looking at the platforms the code developers are embracing.

Becoming a code developer yourself is an option. In particular, the TMS320 family and the ADSP-2100 family are well supported with tools and example code. The Analog Devices unit in particular has an available set of source code cookbooks that implement everything up through a V32 modem on their EZkit development platform. It only took me a couple of days from ground zero to get a functioning FSK modem programmed on the EZkit, and I'm no DSP programming whiz, in fact this was my first attempt at practical DSP programming. Because of that, I'm sure the implementation is far from optimum, for example I still haven't figured out a good way to communicate tuning indicator data to the PC for display, but the darn thing does work, and pretty well too, even with moderately weak signals. Really weak signals, ones I can't detect by ear, will have to wait on my figuring out the tuning indicator problem and shifting to a more robust encoding than naked FSK. One of the cookbooks has a trellis coding demodulator that ought to serve for really weak signal detection.

(Really weak signal performance probably isn't very important to you since most HF signals are at least moderately strong, but it's a current pet enthusiasm of mine.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2622. Re: Alinco DJ160 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct2.173453.14207@ke4zv.atl.ga.us>
Source record: 211772

In article <44n90h$gi1@kaiwan009.kaiwan.com> marcw@kaiwan009.kaiwan.com (Marc K. Whisman) writes:
>J. Fitter (joentam@transend.com.tw) wrote:
>: I have a DJ-160 too. Unfortunately, I dont believe the
>: 160 includes the circuitry to receive am aircraft. This
>: was the difference between the 160 and 162.
>
>You may be correct, but it does seem to allow one to tune in the aircraft
>band, and it seems to be receiving a signal, but nothing is heard from
>the speaker. Oh well, it was worth a try. If anyone else has more info
>please post or email marcw@kaiwan.com

Not to overstate the obvious, but the aircraft signals *are* AM
while the DJ-160 receives *FM*. Perhaps the AM detector circuitry
is missing, or perhaps you have to manually enable it with a setup
function. What does the fine manual have to say about it?

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2623. Kenwood TS440S For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: Ken <kennyg@mail.multiverse.com>
Message-ID: <44o2kl$248@sauron.multiverse.com>
Source record: 211773

I have a *mint* condition Kenwood TS440S (yes, with built in
tuner) for sale. I will listen to any REASONABLE offer. No
trades!
Contact me via Email (kennyg@mail.multiverse.com)

2624. AEA PK-900 for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: Ken <kennyg@mail.multiverse.com>
Message-ID: <44o2nj$248@sauron.multiverse.com>
Source record: 211774

Hi:
If you are interested in a PK900 I will listen to all
REASONABLE offers. No Trades!
Contact me via Email (kennyg@mail.multiverse.com)

2625. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: John Greene <John_Greene@hgsi.com>
Message-ID: <DFu147.yv@news.zippo.com>
Source record: 211775

[No readable article body recovered]

2626. Re: Antenna Towers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DFsr65.H4v@iglou.com>
Source record: 211840

Brendan Grogan (brendang@iol.ie) wrote:
: Information wanted about homebrew towers and masts. Peter EI-1245 (SWL)
Don't climb one Pete.
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2627. Ham Radio equipment for sale: Also need help pricing this stuff!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: jeffv@psych.duke.edu
Message-ID: <44na6a$d7e@news.duke.edu>
Source record: 211841

I'm trying to sell the following ham radio equipment.
(My wifes grandfather who owned this equipment has passed away.).
It's all in good working condition. If you don't want to
buy it, but have an idea of fair prices, please email me!
I will average all the seemingly reasonable prices to get
the final price of each peice. Offers welcome.
Please respond by email as I don't monitor this newsgroup.
THanks,

1 Collins receiver 75S-3
1 Collins transmitter 32S-3
2 Kenwood SSB Trancievers TS-520 and TS-520 SE
1 Kenwood Antenna Tuner AT 200
1 James Millen Manufacturing Co.
Transmatch Type 92200 RF transformer
1 Heathkit SB 200 Linear Amplifier
1 Kenwood MC50 microphone
1 Vibroplex bug keyer

Jeff

--

==========
Jeffrey Vipperman / Sys. Admin. Internet: jeffv@psych.duke.edu

2628. FS: Icom 751 in Mint Condition with Accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: farb@ix.netcom.com
Message-ID: <44p918$dfe@ixnews6.ix.netcom.com>
Source record: 211842
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I have a Mint Condition Icom 751 for sale with the following
accessories for sale:

1. SM-8 Desk Microphone New in Box

2. Voice Module

3. RC-10 Remote Frequency Control

4. Original Service Manual

Will sell complete in Box.

$800 + shipping

E-mail farb@ix.netcom.com

2629. Help needed fixing TM-2570A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: nadzam@garlic.com
Message-ID: <44ol7d$j6s_001@nadzam.garlic.com>
Source record: 211843
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

I bought a dead, Known Dead at purchase, TM-2570A. I need a PLL Chip Motorola MC145155. HELP as Kenwood parts would like to sell me the board and all I need is a chip.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

2630. APRS .HST file needed for N9WST flight of 9/30

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: BRETSKI <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.91.951002105813.30873A-100000@storm.atms.purdue.edu>
Source record: 211844
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.digital.misc

Hello amateurs,

I run APRS software. I tried to track the N9WST balloon flight
of 9/30. When I went to save the run in the backup file
at the end of the day, I goofed up and did not save the history
track so I cannot replay the run. Does anyone have this track?
It would be an ASCII file so it could be e-mailed easily.

Thanks.

73 de N9ZFF

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

2631. Re: Do 2m HTs TX beyond 144-148 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <44panq$17jk@info4.rus.uni-stuttgart.de>
Source record: 211845
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

>Yes, the rules over which bands are available to amateurs has changed
>over the decades, and what is/is not legal today may be very different a
>decade from now.

Colin,

You are bringing up a real nightmare here, the conversion of amateur radio into a multiband CB. (simple or no examinations for the licence, beefy licensing fees..) Many folks want this, watch those who keep talking about type approved amateur radio gear and dropping code.

73, Moritz DL5UH

2632. Re: Do 2m HTs TX beyond 144-148 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <44p9kc$k1e@vivanews.vivanet.com>
Source record: 211846
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

moritz@ipers1.e-technik.uni-stuttgart.de wrote:
: Well it is quite possible that they do such a thing, but if you think
: about it, it amounts to jailing everyone in posession if a gun.

No, because there are many situations when a gun can be operated
legally, under "normal" use. You can't say the same about a
modified HT. :-)

- Rich

Rich Mulvey, N2VDS Rochester, NY USA
mulveyr@vivanet.com
n2vds@net.wb2psi.ampr.org
n2vds@wb2psi.#wny.ny.us

2633. Re: Do 2m HTs TX beyond 144-148 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: medic33@ix.netcom.com
Message-ID: <44ob54$1o7@ixnews2.ix.netcom.com>
Source record: 211847
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

> Well, it's not quite that simple, Geoffrey. It is most definitely
>*not* illegal to modify a ham radio to transmit outside of the amateur

>bands, and most ham dealers that also have service shops will
>*absolutely* do this for you - for a price, of course, and *only* if
you
>have a license that allows you to transmit with such a modified ham
radio
>outside the amateur bands. An example of such a ham dealer is Amateur

>Electronic Supply in Milwaukee. If you have, for example, a Civil Air

>Patrol Radio Operators Permit, they *will* modify your radio for you.

Hello,

I have a friend with CAP and there is a new CAP law that in the future
they can use ONLY comercial radios.. For what reason they did this, I
have no idea.. But have NOT hear wether MARS will do the same.. So if
this law is not tabled, then only MARS personell can have ht's modified
at HRO & AES.. For a nonlicensed HAM that uses the ht out of band for
other than CAP - MARS)Saying this person IS licenses for MARS or CAP)
then his Ham License can be taken away and possible fines or
imprisement.. It is a FELONY for use FCC frequencies illegally.

If the CAP person is not a ham then he/she has no extra cost in buying
a comercial ht.. Have seen a Relm 16ch for about $389.00 just a little
more than a 2m ht.. But if that person IS a ham then another radio may
be in the works??

--

□
Internet Address: medic33@ix.netcom.com
□
Packet: kd6wkp@nr6p-1.#socal.ca.usa.noam
□
Take Care & Have a Nice Day!!
Joe KD6WKP
□

2634. Re: RC-85 Repeater Courtesy Tone Parameters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: ken.thompson@KS.Symbios.COM
Message-ID: <ken.thompson.907.001380BE@KS.Symbios.COM>
Source record: 211848
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <1995Sep30.235354.60689@msuvx2.memphis.edu> ieeelib@cc.memphis.edu (SURESH KAGOO) writes:
>From: ieeelib@cc.memphis.edu (SURESH KAGOO)
>Subject: RC-85 Repeater Courtesy Tone Parameters
>Date: 30 Sep 95 23:53:54 -0500

>I am looking for someone who has the 10 Courtesy Tone parameters from the ACC
>RC-85 Repeater controller.

>I know I saw them in a old issue of ACC Notes that came from ACC. Since ACC is
>no longer in business I cannot call them.

>If you have the different tone frequencies and segment delays that comprise each
>Courtesy Tone please e-mail them to me.

>Thanks in advance,

>Suresh N9GSA

How about a fax of pages from the manual?
Ken.

2635. Re: IC-730; Adding CW-N filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.95Oct2133200@ds10.tekla.fi>
Source record: 211849

Adding a IRCI "wire-in" SSB filter to an IC-751 seemed to be rather easy (a friend who knows radios well did the installation for me). I suppose a CW filter for IC-730 should not be much different. The important thing is (so I have been told) to ground the filter well.

--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

2636. Mods for the TS50

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: mark@newsserver.rdcs.Kodak.COM
Message-ID: <44oj8m$7pu@park.rdcs.kodak.com>
Source record: 211850

I need to find the mods for MARS operation on a
Kenwood TS50. I used to have them around here
somewhere, but can no longer find them.

If you have them please send them along!

Thanks

--

Mark Hilliard, N2HHR
mark@kodak.com

2637. Anyone modified FT-757GX?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-02 00:00:00 UTC
From: jukka.virtanen@teleste.fi
Message-ID: <44onda$l6s@linux.teleste.fi>
Source record: 211851

I am using my FT-757GX a lot for AM signal reception in medium waves (500-1700 kHz) but I have found that the performance of the receiver section is quite poor. I have modified the preamplifier to operate under 1500 kHz to add sensitivity. To make receiver more selective I have added an extra AM filter (Murata 2.7 kHz) to the 455 kHz IF section but in both cases the results are not satisfactory.

So has anyone tried to enhance the same features and with what results?

And one more thing. I am using an external keypad to operate the FT�s VFO but in some cases I would like to use also the VFO knob itself. But it is so SLOW! How to speed up the VFO with less revolutions?

73s

Jukka, OH1MAR

2638. FT-890 Mods ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: n5epy <n5epy@cyberramp.net>
Message-ID: <44sad5$55n@newshost.cyberramp.net>
Source record: 211702

Does anyone know of any mods available for the FT 890?

2639. info/scv. manual GE Century II

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Message-ID: <Pine.SUN.3.90.951003162902.13605A-100000@snowwhite.bsrn2430.PacBell.COM>
Source record: 211703

Does anybody have a service manual or info on a GE Century II UHF single channel rock bound radio. I would like to take this radio from 460 to 440 and crystal it up. I have called GE/Ericson and they no longer carry the service manual. Thanks for any info...

Dale KD4CVR
Please reply to: dxgoodm@PTES.com

2640. Antenna Tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: John Greene <John_Greene@hgsi.com>
Message-ID: <DFvLyw.M1H@news.zippo.com>
Source record: 211704

Can anyone give me some advice on what antenna tuner to buy? I have heard one ham complain that the MFJ's were a bit flimsy and overly sensitive (difficult to tune). I know Tucker makes tuners - are there any other 300W tuners people would recommend? Thanks for the help!

John, N3VLL

2641. Re: Alinco 610 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <44t4e0$m30@bighorn.accessnv.com>
Source record: 211705

r (llu10@roanoke.infi.net) wrote:
: Anyone out there know of any mods the the Alinco 610 Mobile dual bander?
: I am interested to know if it has 800 mhz rx. Thanks in advance for your
: help.

The reason that Alinco introduced the DR610TB is that they were forced
into it by the Congressional (not FCC) ruling that prohibited 800 MHz
receive modify-able radios. Sorry!

73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

2642. Re: Info on UHF amp?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: alan.raskind@trw.com
Message-ID: <44s4n2$530@ns5.nba.TRW.COM>
Source record: 211706

aswNS@hamp.hampshire.edu (Albert S Woodhull) wrote:
>I purchased a small 440 Mhz solid state amplifier at a hamfest, I
>understand it is an amplifier module removed from some kind of surplus
>commercial equipment. Inside a very solid 2-1/2" x 3" x 1" metal box
>with 2 BNC connectors there are a few diodes and capacitors mounted on
>a small circuit board marked "3502 UHF AMP". Adjacent to this is a
>solid state module with 7 leads, heatsinked to the bottom of the
>box. It is marked
>
> TRW
> MX12-3
> 440-470MHZ
> 7244
>
>I am wary of experimenting with this unit until I have some idea of
>permissible maximum supply voltage and drive levels. I would
>appreciate any information anybody might be able to provide on the
>specifications of the solid state module or that would help me
>identify the source of this unit. I would also appreciate any
>references to magazine articles or books that treat in a general way
>working with such solid state UHF modules.
>
>Thanks and 73, Al N1AW
>--
>Al Woodhull
>awoodhull@hamp.hampshire.edu
>n1aw@k1mea.#wma.ma.usa.na
>n1aw@ka1jy.ampr.org
>
>
The module you are referring to was obviously made by TRW back in 1972.
I'm not sure what the "-3" means after the MX12, but here is the scoop as
I know it.

Absolute maximum ratings:

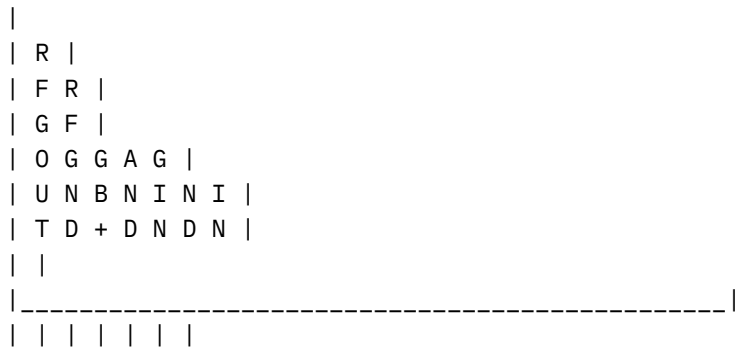
Supply voltage = 16.0V
Power input = 250mW
Power output = 14W
Total supply current = 4A

Nomimal operating characteristics:

Supply voltage = 12.5V
Power gain (for Pin @ 150mW or less) = 12W

Efficiency at rated Po = 35% min.
Harmonic content at rated Po = -30dB min.
Load VSWR at 14V, 14W, low frequency = infinite:1
Input & Output impedance = 50 ohms
Gain control range when operating = 10dB min.
Class C operation

Pin designations when the module is viewed from above and the leads are pointing downward. There are 3 leads on the left and 4 on the right.



Hope this info helps.

Alan, WA6AQC

2643. Re: Info on UHF amp?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: alan.raskind@trw.com
Message-ID: <44s4nh$530@ns5.nba.TRW.COM>
Source record: 211707

aswNS@hamp.hampshire.edu (Albert S Woodhull) wrote:
>I purchased a small 440 Mhz solid state amplifier at a hamfest, I
>understand it is an amplifier module removed from some kind of surplus
>commercial equipment. Inside a very solid 2-1/2" x 3" x 1" metal box
>with 2 BNC connectors there are a few diodes and capacitors mounted on
>a small circuit board marked "3502 UHF AMP". Adjacent to this is a
>solid state module with 7 leads, heatsinked to the bottom of the
>box. It is marked
>
> TRW
> MX12-3
> 440-470MHZ
> 7244
>
>I am wary of experimenting with this unit until I have some idea of
>permissible maximum supply voltage and drive levels. I would
>appreciate any information anybody might be able to provide on the
>specifications of the solid state module or that would help me
>identify the source of this unit. I would also appreciate any
>references to magazine articles or books that treat in a general way
>working with such solid state UHF modules.
>
>Thanks and 73, Al N1AW
>--
>Al Woodhull
>awoodhull@hamp.hampshire.edu
>n1aw@k1mea.#wma.ma.usa.na
>n1aw@ka1jy.ampr.org
>
>
The module you are referring to was obviously made by TRW back in 1972.
I'm not sure what the "-3" means after the MX12, but here is the scoop as
I know it.

Absolute maximum ratings:

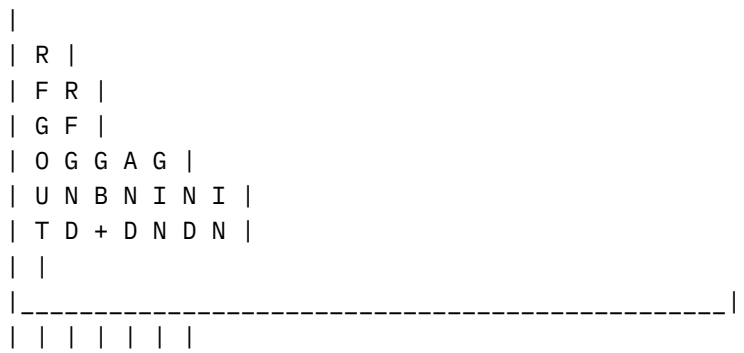
Supply voltage = 16.0V
Power input = 250mW
Power output = 14W
Total supply current = 4A

Nomimal operating characteristics:

Supply voltage = 12.5V
Power gain (for Pin @ 150mW or less) = 12W

Efficiency at rated Po = 35% min.
Harmonic content at rated Po = -30dB min.
Load VSWR at 14V, 14W, low frequency = infinite:1
Input & Output impedance = 50 ohms
Gain control range when operating = 10dB min.
Class C operation

Pin designations when the module is viewed from above and the leads are pointing downward. There are 3 leads on the left and 4 on the right.



Hope this info helps.

Alan, WA6AQC

2644. Re: ***The CrookBook***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <44qfg3$rmm@umcc.umcc.umich.edu>
Source record: 211776
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

--
Tim Tyler Internet: tim@umcc.umich.edu C$erve: 72571,1005 AOL: Hooligan
P.O. Box 443 Amateur Radio: KA8VIR @WB8ZPN.#SEMI.MI.USA.NOAM
Ypsilanti, MI
48197-0443 In cyberspace, noone can hear you scream.

2645. Re: Kewood TM 742/642 Unrepairable????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: DB Wilhelm <w3fpr@nando.net>
Message-ID: <44q7ci$q02@parsifal.nando.net>
Source record: 211777

wayne.t.hally@tek.com (Wayne T. Hally) wrote:
>
>
> A Friend shipped 1 Yr old TM742 Tranciever to Kenwood for repair. He was told
> even though unit is still in production, it was unrepairable because the
> control board is unavailable. Does this make sense? Has anyone else had a
> similar problem? Should we all stop buying Kenwood. Please post comments, Thanx

If I look with manufacturer's eyes, I could see some reasons for
a response like that.

1 There were no boards allocated to the service dept.
2 The boards are available, but the service books show no part number.
3 So many of the boards are needed for new orders that they have
pulled all of the service dept's boards for new production.

The list can go on and on, but to me it adds up to poor customer
relations. Sometimes slip-ups occur, and I can excuse them provided
someone responsible takes corrective action when informed. I would
suggest yor friend try calling and talk to someone with service
management authority to see if they will do something. If not,
I would be VERY upset.

Good luck to your friend.
73,
Don

2646. **** 16 MEG MEMORY SIMMS FOR TRADE ****

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: davidst1@aol.com
Message-ID: <44qf0t$pfr@newsbf02.news.aol.com>
Source record: 211778

I have two tested good SIMMS. 4x32, no parity, 70ns, 72pin 16 megs.
Perfect for Windows 95 users. I am looking for an all-mode vhf/uhf type
transceiver for sat work. I am also interested in Drake 7-line gear.
Not interested in colons...I mean Collins. (heh heh)
Prefer someone within driving distance of Vegas or who is coming here.
Will discuss shipping.
Thanks and 73
Dave Stinson AB5S/7
Las Vegas, Nevada
DavidST1@aol.com
72227.1640@compuserve.com

2647. IC-W31E DIAGRAMM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: grco@diogenes.hcuge.ch
Message-ID: <1995Oct3.111635.9473@news.unige.ch>
Source record: 211779

Does anyone have an IC-W31 E or A schematic diagramm ...

Thanks in advance

HB9VJT
Gregoire Cosendai
grco@diogenes.hcuge.ch

2648. Re: FT-51R software cloning (and extended receive freqs)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: Scott Lawrence <lawrence@en.com>
Message-ID: <44q71q$6o7@antares.en.com>
Source record: 211780

fladams@iadfw.net (Floyd Adams) wrote:
>If you use the software mod, or for that matter, the hardware mods,
>any previous profiles that you have stored will not work. Each time a
>mod is performed, it changes the profile and that profile will only
>work with the radio in the condition it was in when the profile was
>created. Hope this saves you some programming grief. 73's
>
>Floyd WD5ENJ

What is the software mod and how is it setup through the computer program?

Thanks

email back to
Lawrence@en.com

Scott

2649. help !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: tber_rmf@bci.krakow.pl
Message-ID: <DFvKDp.5Iz@cyf-kr.edu.pl>
Source record: 211781

I need to byu very urgent two 2SC3714 transistors. Payment by AmEx
Card.

Tom Berezowski
Radio RMF FM Cracow,POLAND
tber_rmf@bci.krakow.pl
Tom Berezowski
RMF FM Radio
Cracow,POLAND
tber_rmf@bci.krakow.pl

2650. GPS/NMEA Data Formats Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: ras@rasorl.uucp
Message-ID: <DFuuIK.Dpz@rasorl.uucp>
Source record: 211782

If anyone out there has an ascii file containing the format for the
NMEA 0180, 0182, 0183 1.5, and 0183 2.0 data streams, please email
it to me:

Bob Schlussler (ras@rasorl.oau.org)

Thanks!

2651. Re: Kewood TM 742/642 Unrepairable????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1995Oct3.090803.104885@kuhub.cc.ukans.edu>
Source record: 211783

wayne.t.hally@tek.com (Wayne T. Hally) wrote:
>
> ..... 1 Yr old TM742 Tranciever ,Kenwood....
> it was unrepairable because the control board is unavailable. Does this make sense? Has anyone else had a
> similar problem? Should we all stop buying Kenwood. Please post comments, Thanx
>
> Wayne T

Wayne,

I had a problem with the control board on a TM-741. There was
arcing and a carbon track. I cleaned out the short and the radio's
OK. It sounds like Kenwood wants to do board level rather than
component repair. Unless it's a multi-layer board I'd get a second
opinion.
One of the reasons I like Collins gear is that you can still get
some support from the government division of Rockwell. If Kenwood
didn't come out with a new radio every two or three years it wouldn't
cost so much to support a parts inventory. The price of progress is
obsolescence. Until this problem hits Kenwood in the pocket, don't
expcet them to change. (I was gratified to find GM had parts for
a 14 year old car I have)
If the radio dealers sell more of the older rigs than the new
ones the problem will correct itself.

73's N0USP

2652. Sorry for posting a request but...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: jvitali@interoz.com
Message-ID: <44rthk$lof@server.cntfl.com>
Source record: 211784

As a first timer I apologize for posting a "Wanted message" in this group. Didn't know any better. However, bombarding my account with a bunch of long anonymous messages is not exactly good etiquette either. I'd appreciate whoever did it to please stop.

Sincerely,
Juan

2653. TO THE COWARDLY LITTLE NET-COP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: davidst1@aol.com
Message-ID: <44s40e$7cg@newsbf02.news.aol.com>
Source record: 211785

To the cowardly little wanna-be policeman who
multiple-posted my mailbox anonymously:

It is not your place to be "the law" on this or any newsgroup, you impotent little nazi prick. I know your mommy didn't give you enough attention and your daddy beat your scrawny butt for wetting the bed, but that's not MY fault.

Get a life, you disgusting piece of filth. If you want to force your views on people, go become a preacher or an L.A. police officer.

With the sincere hope that you die a painful and humiliating death,

David L. Stinson AB5S/7
Las Vegas, Nevada

2654. Re: Antenna connectors on IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: Peter Bealo <peter.bealo@iis.varian.com>
Message-ID: <44s4u8$9j9@falcon.varian.com>
Source record: 211786

There are 2 antenna connectors:

One for 2 meters

One for HF and 6 meters

Peter WB2MJG

2655. TM-742A On 208.345MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: token@owens.ridgecrest.ca.us
Message-ID: <DFvHxu.Gtx@ridgecrest.ca.us>
Source record: 211787

I have {And have had for over a year, very happy :)} a Kenwood TM-742A, with 6M, 2M, and 70cm. The question is . . . anyone know how to extend the RX to over 209 MHz? I do not care about the TX but I have the need to monitor some telemetry at about 208 MHz and my car is awfully small to try and get another radio into. {40M, 15M, 10M, 6M, 2M, 70cm already in there, oh yeah forgot 11M (its my daughters radio)}

Any help would be greatly appreciated.

Thanks.

Darrell Leach
KD6LRC
Ridgecrest CA
e-mail to - - token@owens.ridgecrest.ca.us

2656. Alinco 610 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: llu10@roanoke.infi.net
Message-ID: <44saqb$acq@allnews.infi.net>
Source record: 211788

Anyone out there know of any mods the the Alinco 610 Mobile dual bander? I am interested to know if it has 800 mhz rx. Thanks in advance for your help.

2657. Re: For Sale PK 88

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: matt@net-connect.net
Message-ID: <44rsr3$ju8@news.net-connect.net>
Source record: 211789

In article <sdolmft.4.003F0FD3@interaccess.com>, sdolmft@interaccess.com says...
>
>Selling PK 88 TNC. $35.00. Steve, WO9L. sdolmft@interaccess.com
>Dr. Steven D. Olson
>Pastoral Counseling Center, Lutheran General Hospital
>1610 Luther La., Park Ridge, Il., 60068-1243 voice: 708-518-1800
>fax: 708-823-9222 AOL/sdolmft sdolmft@interaccess.com
what is a pk 88 and what features

2658. FS: Icom730

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: jaywward@news.gate.net
Message-ID: <44rmt6$d9o@seminole.gate.net>
Source record: 211790

Posting for a friend,

ICOM 730 HF mobile sized solid state 10-80 meter xceiver.
W/HM7 hand mic and SM5 desk mic. Includes SP-3 external
Spkr. Mint condition w/manuals. $550
Alan KE4OCE @ 305-753-7637

J. de KE4ZOG

2659. Digital PL on Icom U-16

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: Thor Rasmussen <rasmusst@metoc.fnoc.navy.mil>
Message-ID: <44s5tk$mjd@ra.nrl.navy.mil>
Source record: 211791

Has anyone set up an Icom U-16 to work with Digital PL?
I have one, but can't use it with a system that used Digital PL.

Thanks for any info.
--

Thor Rasmussen (N6FNP)
MPR Electronics

2660. Re: Antenna connectors on IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <44sfri$aal@over.mhv.net>
Source record: 211792

Peter Bealo (peter.bealo@iis.varian.com) wrote:
: There are 2 antenna connectors:

: One for 2 meters

: One for HF and 6 meters

: Peter WB2MJG

Could one of you folks give us a review of the rig?! I know I'M
anxious to hear how well it does and how others like or dislike it.
THANKS!

Tom - KB2SMS

2661. TS 430 Modifications

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: william@euronet.nl
Message-ID: <william-0310952349420001@p014.asd.euronet.nl>
Source record: 211793

My dad has given me his TS 430 Kenwood HF tranciever.
So I can use it as a general coverich reciever.
But I like to have the origeneel FM Unit or the diagrams of it
And perhaps sombudy nows is this reciever the same as the reciever R5000
from Kenwood. Because when the 430 does'n do wat I like (Iam used to a 599
kenwood reciever and that's fantastic) I Buy a R5000
So who can help me and give me som advice.

Regard William Email william@euronet.nl

2662. TS-430S Autotuner?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: lakeith@robins.af.mil
Message-ID: <44sgpj$aff@wrdis02.robins.af.mil>
Source record: 211794

WB4SXR just purchased a TS-430S and is hankering for an automatic
tuner to match. Is there such an item?

73,

Larry, KQ4BY
lakeith@robins.af.mil

2663. Re: TM-742A On 208.345MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: dmcintyr@acs.ucalgary.ca
Message-ID: <44sh7r$3iai@acs3.acs.ucalgary.ca>
Source record: 211795

In article <DFvHxu.Gtx@ridgecrest.ca.us>,
>the RX to over 209 MHz? I do not care about the TX but I have the need
>to monitor some telemetry at about 208 MHz and my car is awfully small
^^^
Is this a typo? This is in the VHF-high television band. Channel 12
(204-210 MHz) to be exact. Hate to think of the TVI implications if
208.345 is in fact the correct frequency. In the early days of television
some VHF channels were shared with other uses, but this came to an end
around 1948 (the other users were given Ch. 1, 44-50 MHz, but that is
another story). Some of the lower UHF channels are shared with other
users, but careful frequency coordination seems to take care of any TVI
problems.

73, Deane D McIntyre VE6BPO
dmcintyr@acs.ucalgary.ca
>

2664. WTB: FTV707 6M Module

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <dnorris.34.0028519B@k7no.com>
Source record: 211796

Wanted..

Yaesu FTV700 6 meter module.

Thanks....

Dean

dnorris@k7no.com
s/Dean Norris,
Amateur Radio Station K7NO
dnorris@k7no.com or dnorris@syspac.com

2665. Re: Need info on AEROTRONS!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-0310952243240001@vyger616.nando.net>
Source record: 211797

sounds to me like they are 800 mhz mega's. they may be programmable either by diode matrix or eeprom if they are later radios. they were 35 watt output and at best mediocre on their performance. i have used aerotrons for years since I live in Raleigh where they were made. Aerotron's best radios were the MPAC series of high power lo-hi-uhf bands and if they had stuck to building special applications for public safety users they would be here today. Aerotron exists in a convoluted form as Repco sales in Florida. If you are in doubt as the the exact config of your radio it will most likely have a type "n" connector on the front if it is 800 meg and a pl259 if it is lower freqs. model number will be 90sm35..i think?? 60 was vhf hi 70 vhf lo and 80 uhf. there is a guy near me named Larry Medlin at M&M communications in Youngsville, NC that was the last service manager and still has strong ties to Florida..he may be the only one left around to help with programming.

regards

-mike-

ps..could be a lancer mobile too if the case is grey and not brown.. very similar radio to a mega though.

In article <44q8r2$5s7@gladsheim.rutgers.edu>,
hillgen@gladsheim.rutgers.edu (the one) wrote:

> I have a couple of trunk-mountable aerotrons that I believe are in the
> 800-900 MHz range. I believe that they are synthesiized....but I have
> no idea what the exact specs are like or even hoe to program them. Can anyone
> help? Any info is appreciated.
> Jay
>

--
Mike - Raleigh, NC USA

2666. Re: Icom 775 DSP HF Trans. For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <44qhr6$oqk@nlcnews.nlc.state.ne.us>
Source record: 211798

brianf4328@aol.com (BrianF4328) wrote:

>Like "New" (less than 3 wks time), MINT condition Icom 775 DSP For Sale.
>I am posting this radio for a friend that just bought another radio, and
>can not afford to own both.

>Brian N4YKX

The real question is -- What radio did he decide to keep!!?

Gary McDuffie, Sr. AG0N Scottsbluff, NE
Internet: mcduffie@hannibal.wncc.cc.ne.us
Packet Radio: AG0N@AG0N.#WNE.NE.USA.NOAM

2667. Yeasu FT-890 mods ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: n5epy <n5epy@cyberramp.net>
Message-ID: <44sa3d$55n@newshost.cyberramp.net>
Source record: 211799

Anyone know of any mods available?

2668. Yeasu FT-890 mods ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: n5epy <n5epy@cyberramp.net>
Message-ID: <44sa5p$55n@newshost.cyberramp.net>
Source record: 211800

Anyone know of any mods available?

2669. Yeasu FT-890 mods ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-03 00:00:00 UTC
From: n5epy <n5epy@cyberramp.net>
Message-ID: <44sa6v$55n@newshost.cyberramp.net>
Source record: 211801

Anyone know of any mods available?

2670. TS850S/AT + ACCESS FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: thooker@psl.nmsu.edu
Message-ID: <thooker.53.00108351@psl.nmsu.edu>
Source record: 211652

Hi everyone,

I posted this rig last week, and had a great response.
However, nobody purchased the radio! So, I must have
the price too high. I am also now willing to seperate
the components:

TS850S/AT: The basic radio with the automatic antenna
tuner. Comes with two optional filters, the 500Hz
CW and the 1.8KHz (i think) SSB filter. In excellent
condition, with box and manual. Asking $1325

Kenwood IF232C: RS232 interface for above radio. However,
I dont have the book on this. Asking $60

Kenwood SP31external speaker, with passive filters built in
No box or manual. Asking $50

Kenwood PS430 external power supply. Asking $100

What I did to price these accessories is take the current HRO price
and divide by 2. The TS850 price from HRO is over $1800 with those
filters, so guessed at what a fair market price would be.

One OM asked for just the filters, so if somebody wanted the radio
without filters, I would be willing to sell individually.

All offers considered.

Thanks,
Tracy
KA5ECS

2671. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: root@proclt.vnet.net
Message-ID: <DFy7vv.4HG@proclt.vnet.net>
Source record: 211653
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

In article <wCPbwwUN3bkT085yn@sedona.net> keithw@sedona.net writes:
>In article <DFM806.17D@proclt.vnet.net>,
>root@proclt.vnet.net (Shawn Goodin) wrote:
>
>> Amateur Radio gear isn't type-accepted on the GMRS band. I'm
>> pretty sure that the deviation on GMRS is different than that on the
>> Amateur bands.
>
>Deviation is the same on both ham and GMRS. In fact, some GMRS radios are ham
>radios with different faceplates, jumper settings, and that all-important Type
>Certification, which adds a couple of hundred bux to the price.
>

Are you sure? It may be that I just have my technical facts a little
screwed up here, but some local hams told me that when they (illegally)
use their modified HT's on a GMRS frequency, they have to hold the
microphone away from their mouths more because they overmodulate the
frequency (when received on a standard GMRS radio).

Is there something I'm missing here?

Shawn

--

Shawn Goodin -- KD4QGZ Charlotte, NC CompuServe: 76703,1034

root@proclt.vnet.net shawng@vnet.net shawng@pro-charlotte.vnet.net

2672. Help-Yaesu FTC-1143

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: lmilrad@passport.ca
Message-ID: <44u12v$ie6@diplomatic.passport.ca>
Source record: 211654
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

I inherited a Yaesu FTC-1143 UHF ht which is programmed with 5 business band frequencies in the 450.00 Mhz range. Unfortunately there is no manual with this radio and I need some help as follows:

1. There are only 5 channels programmed. Is that the maximum number or can it be programmed up to 10 (or more)?

2. Is it keyboard or computer programmable? If keyboard programmable, what are the codes or sequences? If computer programmable, where can I get the software and cable?

3. What is the frequency range and can it be programmed for the ham band?

4. Can anyone provide a copy of the manual and for which I would be prepared to pay.

Any and all help will be appreciated.

Thank you.
--
Lou Milrad
lmilrad@passport.ca

--
Lou Milrad
lmilrad@passport.ca

2673. Yaesu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: John Maio <jmaio@swcp.com>
Message-ID: <44sl05$b48@sloth.swcp.com>
Source record: 211708

If someone has the "simple" mod to enable MARS/CAP operation on
the FT-8500, I'd sure appreciate it.

Please e-mail

John,
WB2ARS

2674. Re: Parsons Technology Address?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: rolape@cpcug.digex.net
Message-ID: <44slh7$6om@news4.digex.net>
Source record: 211709

Steven D. Olson (sdolmft@interaccess.com) wrote:
: I would like to order Atomic Clock for Windows software from Parsons
: Technology, mentioned in October QST. Am looking for a phone # or address for

Address is:
Parsons Technology
One Parsons Drive
PO Box 100
Hiawatha, IA 52233-0100

Have a nice day... Jerry

<--->
| Jerry fm the Nation's Capital, Washington, D.C. |
| "If you truly want to understand something, |
| try to change it. |
| -- Kurt Lewin |
| rolape@cpcug.org |
<--->

2675. Re: FT-900 and CTCSS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: DB Wilhelm <w3fpr@nando.net>
Message-ID: <44suba$lln@parsifal.nando.net>
Source record: 211710

Paul Lannuier <gilfer@haven.ios.com> wrote:
>
> I just acquired a Yaesu FT-900 for my car. Wonderful radio,
> but it came without an operation manual. Although I managed
> to figure out all of the obvious functions and many of the
> "hidden" ones, I can't seem to turn on the CTCSS tone for
> 10m repeater operation. Selecting tone frequency is done by
> holding [FAST] and pressing [FM], but how does one turn the
> tone on (CTCSS Encode)?
>
> Anyone have an FT-900 manual handy? :-)
>
The relevant paragraph in my manual reads:
" Also, if your usual repeatesr require a CTCSS tone other than 88.5
Hz*(default), you can display and select another tone by holding the
FAST button while pressing FM, turning the tuning knob, and pressing
FM again (to accept). The tone you select applies only to the current
VFO, but can be stored in memory. The available tones ...

Good luck,
Don

2676. ** Please Do Not Post Ads or WTB Here **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: Anonymous <nowhere@bsu-cs.bsu.edu>
Message-ID: <44sv45$rdm@utopia.hacktic.nl>
Source record: 211711

This group is not for ads or WTB messages. All ads should be posted to:

Rec.Radio.Swap

Thanks

2677. ** Please Do Not Post Ads or WTB Here **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: Anonymous <nowhere@bsu-cs.bsu.edu>
Message-ID: <44svbp$rf0@utopia.hacktic.nl>
Source record: 211712

This group is not for ads or WTB messages. All ads should be posted to:

Rec.Radio.Swap

Thanks

2678. VT-xxx to Commercial Tube

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: EUGENE.WELCOME@rook.wa.com
Message-ID: <177245D4@rook.wa.com>
Source record: 211713

This is for the Old Timers and those that still play with tubes.
This was copied from Editors and Engineers Surplus Radio Conversion
Manual of 1948, reprinted in 1960, 3rd edition.

CROSS INDEX OF ARMY VT NUMBERS AND COMMERCIAL NUMBERS
Page 1 Tube Listings by VT Numbers

VT Number	Commercial Number	VT Number	Commercial Number	VT Number	Commercial Number
VT-1	WE-203A **	VT-43	845	VT-88	6R7 #
VT-2	WE-205B	VT-44	32	VT-88A	6R7G
VT-3	**	VT-45	45	VT-88B	6R7GT
VT-4A	**	VT-46	866	VT-89	89
VT-4B	211	VT-46A	866A	VT-90	6H6 #
VT-4C	JAN 211	VT-47	47	VT-90A	6H6GT
VT-5	WE-215A	VT-48	41	VT-91	6J7 #
VT-6	212 **	VT-49	39/44	VT-91A	6J7GT
VT-7	WX-12 **	VT-50	50	VT-92	6Q7 #
VT-8	UV-204 **	VT-51	841	VT-92A*	6Q7G
VT-10	**	VT-52	45 special	VT-93	6B8 #
VT-11	**	VT-53	(VT-42A)	VT-93A	6B8G
VT-12	**	VT-	blank	VT-94	6J5 #
VT-13	**	VT-54	34	VT-94A	6J5G
VT-14	**	VT-55	865	VT-94B	6J5#spec.sel.
VT-16	**	VT-56	56	VT-94C	6J5G " "
VT-17	860	VT-57	57	VT-94D	6J5GT
VT-18	**	VT-58	58	VT-95	2A3
VT-19	861	VT-60	850	VT-96	6N7 #
VT-20	**	VT-62	801,801A	VT-96B	6N7#spec.sel.
VT-21	**	VT-63	46	VT-97	5W4
VT-22	204A	VT-64	800	VT-98	6U5/6G5 +
VT-23	**	VT-65	6C5 #	VT-99	6F8G
VT-24	864	VT-65A	6C5G	VT-100	807
VT-25	10	VT-66	6F6 #	VT-100A	807 modulator
VT-25A	10 spec	VT-66A	6F6G	VT-101	837
VT-26	22	VT-67	30 spec	VT-102	canceled
VT-27	30	VT-68	6B7 #	VT-103	6SQ7 #
VT-28	24,24A	VT-69	6D6 #	VT-104	12SQ7 #
VT-29	27	VT-70	6F7 #	VT-105	6SC7 #
VT-30	01-A	VT-72	842	VT-106	803
VT-31	31	VT-73	843	VT-107	6V6 #
VT-32	**	VT-74	5Z4	VT-107A	6V6GT
VT-33	33	VT-75	75	VT-107B	6V6G

VT-34 207 | VT-76 76 | VT-108 450TH
VT-35 35/51 | VT-77 77 | VT-109 2051
VT-36 36 | VT-78 78 | VT-111 5BP4/1802P4 -
VT-37 37 | VT-80 80 | VT-112 6AC7/1852 #
VT-38 38 | VT-83 83 | VT-114 5T4
VT-39 869 | VT-84 84/6Z4 | VT-115 6L6 #
VT-39A 869A | VT-86 6K7 # | VT-115A 6L6G
VT-40 40 | VT-86A 6K7G | VT-116 6SJ7 #
VT-41 851 | VT-86B 6K7GT | VT-116A 6SJ7GT
VT-42 872 | VT-87 6L7 # | VT-116B 6SJ7Y
VT-42A 872A spec | VT-87A 6L7G | VT-117 6SK7 #
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End of Page 1
CROSS INDEX OF ARMY VT NUMBERS AND COMMERCIAL NUMBERS
Page 2 Tube Listings by VT Numbers

VT Commercial | VT Commercial | VT Commercial
Number Number | Number Number | Number Number

VT-117A 6SK7GT | VT-154 814 | VT-197A 5Y3GT/G
VT-118 832 | VT-155 special tube | VT-198A 6G6G
VT-119 2X2/879 | VT-156 " " | VT-199 6SS7 #
VT-120 954 @ | VT-157 " " | VT-200 VR105/30 ^
VT-121 955 @ | VT-158 " " | VT-201 25L6 #
VT-122 530 | VT-159 " " | VT-201C 25L6GT
VT-123 RCA A-5586 | VT-160 " " | VT-202 9002
Superceded by VT-128 | VT-161 12SA7 # | VT-203 9003
VT-124 1A5GT | VT-162 12SJ7 # | VT-204 HK24G
VT-125 1C5GT | VT-163 6C8G | VT-205 6ST7 #
VT-126 6X5 # | VT-164 1619 | VT-206A 5V4G
VT-126A 6X5G | VT-165 1624 | VT-207 12AH7GT
VT-126B 6X5GT | VT-166 371A | VT-208 7B8
VT-127 special tube | VT-167 6K8 # | VT-209 12SG7 #
VT-127A " " | VT-167A 6K8G | VT-210 1S4
VT-128 1630 (A5588) | VT-168A 6Y6G | VT-211 6SG7 #
VT-129 304TL | VT-169 12C8 # | VT-212 958 @
VT-130 250TL | VT-170 1E5-GP | VT-213A 6L5G
VT-131 12SK7 # | VT-171 1R5 | VT-214 12H6 #
VT-132 12K8 spec | VT-171A 1R5 (loctal)| VT-215 6E5 +
VT-133 12SR7 # | VT-172 1S5 | VT-216 816
VT-134 12A6 # | VT-173 1T4 | VT-217 811
VT-135 12J5GT | VT-174 3S4 | VT-218 100TH
VT-135A 12J5 # | VT-175 1613 | VT-219 **
VT-136 1625 | VT-176 6AB7/1853 # | VT-220 250TH
VT-137 1626 | VT-177 1LH4 | VT-221 3Q5GT
VT-138 1629 | VT-178 1LC6 | VT-222 884
VT-139 VR-150/30 ^ | VT-179 1LN5 | VT-223 1H5GT
VT-140* 1628 | VT-180* 3LF4 | VT-224 RK-34
VT-141 531 | VT-181 7Z4 | VT-225 307A
VT-142 WE-39DY1 | VT-182 3B7/1291 | VT-226 3EP1/1806P1 -

VT-143 805 | VT-183 1R4/1294 | VT-227 7184
VT-144 813 | VT-184 VR90/30 ^ | VT-228 8012
VT-145 5Z3 | VT-185 3D6/1299 | VT-229 6SL7GT
VT-146 1N5GT | VT-186 special tube | VT-230 350A
VT-147 1A7GT | VT-187 575A | VT-231 6N7GT
VT-148 1D8GT | VT-188 7E6 | VT-232 E-1148
VT-149 3A8GT | VT-189 7F7 | VT-233 6SR7 #
VT-150 6SA7 # | VT-190 7H7 | VT-234 HY-114B
VT-150A 6SA7GT | VT-191 316A | VT-235 HY-615
VT-151 6A8G | VT-192 7A4 | VT-236 836
VT-151B 6A8GT | VT-193 7C7 | VT-237 957 @
VT-152 6K6GT | VT-194 7J7 | VT-238 956 @
VT-152A 6K6G | VT-195 1005 | VT-239 1LE3
VT-153 12C8 spec | VT-196 6W5G | VT-240 710A
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End of Page 2
CROSS INDEX OF ARMY VT NUMBERS AND COMMERCIAL NUMBERS
Page 3 Tube Listings by VT Numbers

VT Commercial | VT Commercial | VT Commercial
Number Number | Number Number | Number Number

VT-241 7E5/1201 | VT-255 705A | VT-280* C7063
VT-243 7C4/1203A | VT-256 ZP486 | VT-281* HY-145ZT
VT-244 5U4G | VT-257 K-7 | VT-282 ZG489
VT-245 2050 | VT-259 829 | VT-283* QF-206
VT-246 918 | VT-260 VR-75/30 ^ | VT-284 QF-197
VT-247 6AG7 # | VT-264 3Q4 | VT-285* QF-200C
VT-248 1808P1 - | VT-266 1616 | VT-286 832A
VT-249 1006 | VT-267 578 | VT-287 815
VT-250 EF50 not Euro | VT-268 12SC7 # | VT-288 12SH7 #
VT-251 441 | VT-269 717A | VT-289 12S7GT
VT-252 923 | VT-277 417 |
VT-254 304TH | VT-279 GY-2 |
==========
CODES
* = Indicates VT number canceled
** = Obsolete
^ = Voltage Regulators
# = Metal Tube
@ = Acorn Tubes
+ = Tuning Eye Tubes
- = Cathode Ray Tubes
not Euro = Not a European Number
spec = Special Tube Type
Locktal = 8 pin similar to the Octal
All the 7 volt types listed here are Loctal such as 7J7, 7E5, 7C4 and
the 1L- series such as 1LH4, 1LC6 as well as the 3LF4. These were
popular with the military portable radio designers of WWII tranceivers
and early car radio and portable radios such as the popular Zenith

Transoceanic.The above info is from the cob-webs of the mind. (mine) I have experimented with a good share of these tubes.

73, Gene, K7"EEK" !! a Mouse !!!
eugene.welcome@rook.wa.com

2679. Ferrite Dip Chokes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: EUGENE.WELCOME@rook.wa.com
Message-ID: <86D88C98@rook.wa.com>
Source record: 211714

Ferrite Epoxy Dip Chokes of many values with high " Q " and compact
size are used extensively in TVs and VCRs manufactured in Japan,
Korea and Tiawan. I hope his is useful to those who build electronic
gear as it has been for me.
_ ,,/|
\'0 0'
73, Gene, K7"EEK" !! a =(_"_)= ?? He ate my ferrite choke ???
U
eugene.welcome@rook.wa.com

Multi-Views of the Epoxy Dipped RF Chokes and Dimensions.

Top View Top View Side View End View
3 Color Dots 4 Color Dots ->|.4" |<- .2"max->| |<-
_____ Color _____ ____ __ _
(_O_O_)O<-- End -->O(_O_O_)O (____) __ .35" max (_)
1 2 3 Dot 4 1 2 3 Wire-> | | <---- Wire ---> |
O = Color Dots ^ ^ Leads
->| |<-.28" max

The color dots are 1 and 2 on top with dot 3 on the end. They
indicate the value of inductance in microhenries or " uh " since this
is the closest to the symbol for micro which would look like a " u "
with two tails instead of one. Dot 1 and Dot 2 are the value
indicators and Dot 3 is the multiplier. The Resistor Color Code is
used also for some capacitors.

Color Dot 1 Dot 2 Dot 3 Dot 4
of Dot Value Value Multiplier Tolerance

Body Color NA NA NA 20 %
Silver NA NA .01 10 %
Gold NA NA .1 5 %
Black NA 0 None
Brown 1 1 0
Red 2 2 00
Orange 3 3 000
Yellow 4 4 0000
Green 5 5 00000
Blue 6 6 000000
Violet 7 7 0000000
Gray 8 8 00000000
White 9 9 000000000

No Tolerance 4th Color and just body color None = 20 %

In the following Table Values, Resistance and DC Current is given for each device plus the self frequency resonance for each unit.

Epoxy Dipped RF Choke Specifications (Mouser 43LR series)

L (uH)	Resonant Frequency (MHz)	Max DC Resistance (Ohms)	Max DC Current (ma)	Color Code 1st	2nd	3rd	L (uH)
.22	287.0	.123	---	Red	Red	Slvr	.22
.33	217.0	.138	---	Org	Org	Slvr	.33
.47	161.0	.150	---	Yel	Vio	Slvr	.47
.68	126.0	.167	---	Blu	Gry	Slvr	.68
1.00	96.0	.201	330	Brn	Blk	Gold	1.00
1.20	84.0	.218	320	Brn	Red	Gold	1.20
1.50	71.0	.240	315	Brn	Grn	Gold	1.50
2.20	55.0	.280	300	Red	Red	Gold	2.20
2.70	50.0	.281	295	Red	Vio	Gold	2.70
3.30	43.0	.338	285	Org	Org	Gold	3.30
4.70	33.0	.420	275	Yel	Vio	Gold	4.70
5.60	29.0	.450	270	Grn	Blu	Gold	5.60
6.80	25.0	.488	260	Blu	Gry	Gold	6.80
10	20.0	1.140	250	Brn	Blk	Blk	10
12	16.0	1.280	245	Brn	Red	Blk	12
15	13.0	1.400	235	Brn	Grn	Blk	15
18	12.0	1.550	225	Brn	Gry	Blk	18
22	10.0	1.730	220	Red	Red	Blk	22
27	9.0	1.950	215	Red	Vio	Blk	27
33	8.0	2.150	205	Org	Org	Blk	33
39	7.0	2.360	200	Orn	Wht	Blk	39
47	9.0	1.940	190	Yel	Vio	Blk	47
56	9.0	1.950	180	Grn	Blu	Blk	56
68	8.0	2.120	170	Blu	Gry	Blk	68
82	8.0	2.400	160	Gry	Red	Blk	82
100	7.0	2.850	150	Brn	Blk	Brn	100
120	6.0	4.350	145	Brn	Red	Brn	120
150	5.0	3.600	130	Brn	Grn	Brn	150
180	4.0	4.020	120	Brn	Gry	Brn	180
220	4.0	4.700	115	Red	Red	Brn	220
270	3.0	5.400	105	Red	Vio	Brn	270
330	3.0	7.500	100	Org	Org	Brn	330
390	3.0	8.550	90	Org	Wht	Brn	390
470	2.8	9.900	85	Yel	Vio	Brn	470
560	2.5	11.400	80	Grn	Blu	Brn	560
680	2.3	10.800	68	Blu	Gry	Brn	680
820	2.1	12.300	58	Gry	Red	Brn	820
1000	1.9	14.100	50	Brn	Blk	Red	1000

Tolerance 4th Color if any, Gold 5 %, Silver = 10 %. None = 20 %

Hard to find info on Ohmite Chokes

Ohmite Chokes
Body Color Part # L in Microhenrys MHz Current
? Z-7 84.0 uh 3-20 1.0 A
? Z-14 44.0 uh 7-35 0.6 A
Yellow Z-28 20.0 uH 20-60 0.6 A
Red Z-50 7.0 uH 35-110 1.0 A
Green Z-144 1.8 uH 20-200 1.0 A
Yellow Z-235 0.8 uH 160-350 1.0 A
Blue Z-460 0.2 uH 320-520 1.0 A

2680. Mod for Yaesu FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: hbcsc274@csun.edu
Message-ID: <44t2td$1hf@nic-nac.CSU.net>
Source record: 211715

Here is the summary of a mod that I've put together from talking to people
on the phone, radio, and email for the Yaesu FT-530. It is a very simple
mod and it allows extended rx & tx.
This mod only applies to the newer models of the 530. I don't know what
serial number implies the newer model, but my 530's serial number begins
with 4J381xxx and was purchased in June 1995.

1. take off the battery pack from the bottom of the radio.
2. unscrew the four screws on the bottom to release the bottom plate.
3. after you open the plate, you'll see a green wire on the right side
of the radio (if you hold it with the front panel on top).
4. simply cut this green wire and use some electrical tape to prevent it
from touching other parts of the radio.
5. replace the bottom plate and screw it back in.
6. attach the battery
7. hold both the up & down Mhz arrow buttons and press the power button at
the same time. this will enable to the mod. It is like a toggle, if you
do it again, it will disable to the mod.
8. Now you should have rx 110-180, 300-500, 800-950, and tx 130-180, 400-480.
Note: this mod will reset your radio and all memories will be erased.

Here is a second mod you can do to get more rx.
1. On the 70cm band, program your radio's lower (L) and upper (U) memory
limits to 300 and 950.
2. Turn to the Lower memory channel.
3. Press MR once and you should see a four tiny little arrows right below
the channel number.
4. Once you see these little arrows, you can enter any frequency
from 300-950 Mhz directly on the keypad.
You can also store these new rx frequencies in memory if you like.
Note: Although you can enter 800-950 Mhz into the radio, I have not heard
anything in this range. It is rumored that the components to receive on
this band is no longer made in the FT530.

Disclaimer: Perform these mods at your own risk. They are not guaranteed
to work on your radio. And remember not to transmit out of band!!!

any questions or comments? Send to hbcsc274@csun.edu
Jerry Wang
KE6UUX

2681. *** 16 MEG MEMORY FOR TRADE ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: davidst1@aol.com
Message-ID: <44tclu$m32@newsbf02.news.aol.com>
Source record: 211716

Windows 95 folks and all:
I have two 16 MEG 4x32 70ns no parity 72 pin memory SIMMS available for trade. They are tested good. I'm looking for an all-mode VHF/UHF transceiver for sat work (not a handheld). Prefer someone in driving distance of Las Vegas or who is coming here for a visit, but will talk about shipping. I will also consider trades for Drake 7-line equipment.
Thanks and 73.
Dave Stinson AB5S/7
72227.1640@compuserve.com

2682. Re: TO THE COWARDLY LITTLE NET-COP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: scam@siu.edu
Message-ID: <scam-0410950328380001@port141.aixdialin.siu.edu>
Source record: 211717

In article <44s40e$7cg@newsbf02.news.aol.com>, davidst1@aol.com (DavidSt1)
wrote:

> To the cowardly little wanna-be policeman who
> multiple-posted my mailbox anonymously:
>
> It is not your place to be "the law" on this or any newsgroup, you
> impotent little nazi prick. I know your mommy didn't give you enough
> attention and your daddy beat your scrawny butt for wetting the bed,
> but that's not MY fault.
>
> Get a life, you disgusting piece of filth. If you want to force your
> views on people, go become a preacher or an L.A. police officer.
>
> With the sincere hope that you die a painful and humiliating death,
>
> David L. Stinson AB5S/7
> Las Vegas, Nevada

Good to see someone reinforce the idea that it doesn't take a genius to
get a ham license. This kind of post pretty much refutes the whole code
vs. no code debate.

--
SCOTT A. MANTHE, N9AAT
E-MAIL: scam@siu.edu or lorit@siucvmb.siu.edu

"There is no reason for any individual to have a computer
in their home."
Kenneth Olson, President,
Digital Equipment Corporation, 1977

2683. Re: ICOM706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: georges@ddi.digital.net
Message-ID: <44tqir$i8a@ddi2.digital.net>
Source record: 211718

How does the IC-706's HF performance compare to the TS-50 and
FT-900?

2684. Re: Type Acceptance - what's the diff ? FAQ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <44to5e$87c@tilde.csc.ti.com>
Source record: 211719

Excellent summary, Tom. Thanks. I learn something new every time I log onto the 'net. You're also probably correct about the hearsay. Lotsa that on here and at no charge to boot!

Again, thanks and best 73, Joe

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

2685. Re: TO THE COWARDLY LITTLE NET-COP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: davidst1@aol.com
Message-ID: <44tqtn$npc@newsbf02.news.aol.com>
Source record: 211720

You have obviously never had your mailbox stuffed full of
filth by someone using an anonymous remailer.
And I assume you've also never lost your temper.

It's nice to know saints can get ham tickets, too.
Does the church know about your righteousness?
You should apply for sainthood. I understand
it can be quite profitable.

Just a lowly sinner,
Dave AB5S/7

2686. Re: Alinco DJ160 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: marcw@kaiwan009.kaiwan.com
Message-ID: <44u473$466@kaiwan009.kaiwan.com>
Source record: 211721

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: Not to overstate the obvious, but the aircraft signals *are* AM
: while the DJ-160 receives *FM*. Perhaps the AM detector circuitry
: is missing, or perhaps you have to manually enable it with a setup
: function. What does the fine manual have to say about it?

When the DJ160 and 162 came out, I think that Alinco was still young and had a technical writer that knew nothing of radios write the manual. In other words, no help there. The manual doesn't even address the lith battery that maintains memory when the unit is shut off. I'll find time today to call Alinco and see what they say but I suspect thay will either tell me to send it in for $$$ or that it is not possible. What ever, I'll post it here. Thanks to everyone except the guy that offered to *sell* me the mods for extended rx for $5.00....No thanks. :-(

Regards,

-Marc

2687. Re: Anyone modified FT-757GX?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DFxG0r.Lv5@hpqmoea.sqf.hp.com>
Source record: 211722

Jukka Virtanen (jukka.virtanen@teleste.fi) wrote:

: I am using my FT-757GX a lot for AM signal reception in medium waves
: (500-1700 kHz) but I have found that the performance of the receiver
: section is quite poor. I have modified the preamplifier to operate
: under 1500 kHz to add sensitivity.

Have a look at the circuit diagram of the RX input filters, when below 1600kHz, you'll find a filter/attenuator combination is switched in. You may wish to remove the attenuator parts. Your pre-amp wasn't designed to go low in freq and you'll find its gain falls off rapidly in this area, pulling the atten will work better.

This radio is fairly prone to overload problems and the combination of big signals in the broadcast band and greater sensitivity may prove troublesome. Consider adding a preselector filter.

To make receiver more selective I
: have added an extra AM filter (Murata 2.7 kHz) to the 455 kHz IF
: section but in both cases the results are not satisfactory.

2.7kHz isn't enough for AM speech, that's a filter designed for SSB use, it will certainly make things worse. Think of 6kHz for speech AM 12kHz for music.

You could try extracting the 455 kHz IF signal and putting it into an outboard synchronous detector (one design in 1995 ARRL book)

Cheers
David GM4ZNX

2688. Re: LINK COM NET SITE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: linkcomm@worf.netins.net
Message-ID: <44u8d5$3bp@insosf1.netins.net>
Source record: 211723

In article <DFw1JC.4AB@avalon.chinalake.navy.mil>,
Bill Harwood <harwood@sirius.chinalake.navy.mil> wrote:
>Does anyone know the site address for LINK COM (and the remains of ACC)?
>It must be well camouflaged since searches don't reveal a site but
>several people have said it exists. They just can't remember where.

email: linkcomm@netins.net
ftp: ftp.netins.net in directory showcase/linkcomm
phone: (406) 482-7515

>Thanks,
>
>Bill Harwood
>AB6DY
>
Steve Strobel
Link Communications, Inc.>

2689. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: ttimmons@ix.netcom.com
Message-ID: <44ud1v$l7@ixnews4.ix.netcom.com>
Source record: 211724

In <1995Oct2.211835.26501@astroatc.uucp> niemi@astroatc.uucp (Bob Niemi) writes:
>
>In article <nts.211.02ACAA0A@wolfenet.com> nts@wolfenet.com (Dean Heinen) writes:
>>In article <44ene1$j5q@mksrv1.dseg.ti.com> Marty Jones <mjones@mw9> writes:
>>-deletia-
>>
>>I don't know if others have had the good service out of Radio Shack, but
>>here's a little gem.....
>>
>>.....showed it to the clerk/salesperson , and got handed a brand new
>>one. No repair, no wait, no BS.....
>>
>>...Needless to say, he is a fan of the Shack's service now.
>>
>>Dean
>>N7ZRS
>
>My first HTX-202 developed intermittant tuning with the top knob about a
>week after purchase (no, I hadn't dropped it [yet]). It was replaced from
>stock, no questions asked.
>
>In the intervening 2 years, I have dropped it 2 or 3 times, once on the
>concrete garage floor. No problems resulted.
>
>I purchased the extended service warranty (I know I'm clumsy,
>plus the rechargable battery pack is warranted too.)
>
>Bob Niemi, W9FNJ, Astronautics, Madison, WI
niemi%astroatc.uucp@cs.wisc.edu

I guess I haven't been so lucky with my HTX-202. The squelch circuit seems to "go away" every six months or so. I return it to the store, suffer through 20 minutes of paperwork and they send it off to repair. Normal turn-around time has been 2-3 weeks. Sometimes it comes back fixed...sometimes it doesn't. Anyway, I'm not it love with this radio and would be glad to get rid of it and buy a "real" ham radio like a

ICOM or something.

Tom Timmons, N3RHV

2690. Need mods for FT901DM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: piu1884@cdc8g5.cdc.polimi.it
Message-ID: <44ud93$m0f@aix1.cdc.polimi.it>
Source record: 211725

I'm looking for mods for YAESU FT901DM;
I remember there was some from LA8AK, but don't remember where...
Thank you!

2691. 2 METER RFI TO CAR COMPUTER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: w2gma@ix.netcom.com
Message-ID: <44ukb4$g34@ixnews7.ix.netcom.com>
Source record: 211726

HI, I HAVE A NEW GMC JIMMY 4WD VEHICLE. I SEEM TO BE HAVING A PROBLEM
WITH MY KENWOOD 731 GETTING INTO THE CAR'S COMPUTER?? ANYONE OUT THERE
WITH A SIMILAR PROBLEM OR A SOLUTION?? THANKS MEL...

2692. Re: TS-430S Autotuner?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <44u7is$qmf@safety.ics.uci.edu>
Source record: 211727

In <44sgpj$aff@wrdis02.robins.af.mil> lakeith@robins.af.mil (Larry Keith Mr) writes:

>WB4SXR just purchased a TS-430S and is hankering for an automatic
>tuner to match. Is there such an item?

Yes, there is. It is a separate unit, but works just fine. It is
the model AT-250. It's cabinet matches the 430 and it cables up
to it. They seem to sell for $200 - $300 as far as I can tell.

Clark
WA3JPG

2693. Re: Can Alinco DJ-G1E be modifyed to transmit in UHF??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: Fernando Robalo <frobalo@telepac.pt>
Message-ID: <44up5j$oid@vivaldi.telepac.pt>
Source record: 211728

Aluiscor@telepac.pt (Joao Luis) wrote:
>I've an Alinco DJ-G1E it covers from 108Mhz to 174Mhz 400 to 511 and
>from 800 to 999.TX is from 130Mhz to 174Mhz(FM).
>Is there any way to modidy the radio to transmit in UHF??
>
Quase de certeza absoluta que nï¿½o, o andar final do DJ nï¿½o deverï¿½ dar para tal e de qualquer
modo a sensibilidade dele nunca iria ser como a de um de UHF ou Dual-Band

73ï¿½s
Fernando Robalo

2694. Service manual for a Icom 275 H***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: mkulyk@ix.netcom.com
Message-ID: <44umh3$3t0@ixnews4.ix.netcom.com>
Source record: 211729

Need a service manual for a Icom 275 H 2 mtr all mode.Will pay shiping cost or photo copy cost .. Please E-mail I am posting this for a member of our radio group &3 Mike WB2GLW..

2695. Re: IC-706 and MARS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <44uqp0$1am@news2.acs.oakland.edu>
Source record: 211730

wm8s@citynet.net wrote:
: I should be the proud (I hope ;) owner of an IC-706 this week; AES said "It's
: in the mail." The rig will be used by our RACES team in both the amateur and
: MARS services. Has anyone ever gotten MARS modifications from ICOM? Do they
: require the modify-ee to possess a MARS license? I'm not in MARS, but then
: again, I won't be using it. I can gladly have the county's Public Safety
: director verify my "credentials". Any pointers?

I'm not in mars but regular hams can need to transmit out of band too.

(sound of dozens of ham.net.police clutching hearts and keeling over)

I own a Ten Tec 6M transverter and to operate 6M FM you need to feed
(transmit into) the transverter a 15MHz signal.

73! =paul= wb8zjl

: Rob Bailey, WM8S (wm8s@citynet.net) Kanawha / Charleston
: Bailey Computer Systems Radio Amateur Civil Emergency Service

2696. Re: SGC SG230 Smartuner: Any good? Anybody use one?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: lenggen@fasnov1.zuerich.sc.philips.nl
Message-ID: <44tfv9$fla@phcoms4.seri.philips.nl>
Source record: 211731

I've had one of the first SG230 for several years, but was not very happy with it. Probably due to RF on 12V line, it always started to retune on some bands. If you don't realize it immediately and abort your transmission, you will end up with burnt relay contacts.
Some months ago I upgraded to the latest revision, which has an additional control line to either force or inhibit retuning. Since then it works fine.
I'm using it with a 10m long vertical on all bands from 1.8 to 29.7MHz.
The spec indicates a typical SWR of 2:1. In my setup, it is 2.5 on some bands, 1.0 on others.

Markus, HB9BRJ

Markus Lenggenhager, FASELEC AG, Binzstrasse 44, CH-8045 Zuerich
lenggen@fasnov1.zuerich.sc.philips.nl

2697. Re: Type Acceptance - what's the diff ? FAQ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <44t7tg$ksp@newsbf02.news.aol.com>
Source record: 211732

In article <44qlrm$n65@tilde.csc.ti.com>, fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT) writes:

Hi Joe,

>
>a. Anyone able to post a list of the more common
>radio services, like maritime, gmrs, commercial,
>cellular, cb, ham, and give me a rough breakdown of
>what must pass "type acceptance" to get the coveted
>type a sticker? I've heard of part-15 type A, Part-80
>type A, etc, but dont know the differences.

That's a tall order Joe. The FCC requires type acceptance, certification, approval, and other levels of testing depending on the frequency, use, and the environment where used! Some receivers even require extensive testing, and some receivers are even banned!

I do type acceptance, verification, and certification for a few companies on a contract basis, and despite this work several times a year I would not attempt to copy or explain the rules here. The rules are too complicated. You should buy a copy of the FCC rules and regulations, they do not cost very much. If you depend on hear-say you may get in big trouble later if you are a manufacturer.

>
>I dont have access to a library of congress here in
>Formosa, so a summary via the 'net would be superb.
>
>b. Since hams can home brew gear, aside from some
>relative spectral purity, what other type a is
>required?

Most homebrew equipment is exempt. The catch all is a clause that it must meet current state of the art emissions levels and not cause trouble. For manufacturing the FCC requires testing of all spurious and harmonic emission levels, often using standard fixtures for conducted levels on power leads, and well defined measurement systems for radiated emissions.

For example, HF Amateur RF power amplifiers have restrictions on gain that vary with frequency, spectrum purity, transmit receive switching, drive power, and frequency ranges. They are the most simple device, and only require type acceptance.

>Why do ham manufacturers have to wait for
>type a on ham gear before selling in the USA?
>Principle being what's the diff between homebrew gear

>and store purchased gear...it's still used in the
>Amateur service, so why the type a before putting the
>new "TenAliconwoodaesu" on sale in the states?

The FCC worries because if the design is poor or construction is poor, the homebrewer only creates one problem. The manufacturer can create huge trouble and not be around later to fix it! It is a very good rule.

73 Tom

2698. Kenwood TH-75A Dual Band Handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: "Jeff Fischer"@thefishnet.com
Message-ID: <8B2604F.0074000635.uuout@thefishnet.com>
Source record: 211733

I have a Kenwood TH-75A handheld Dual Band Radio I would like To sell
Receive is Great with .25 sensitivity on UHF and VHF
Problem seems to be with transmit, with little to non.
Don't have the time, or knowledge to fix so would like to sell.
Has 2 batteries with it, the 7.2 volt low and high amp ones
Would be a good project for someone, or possibly could send to
factory and have them look at it.

Would like to get $100 for radio. Will ship for that.

Jeff KB4MKL jeff.fischer@thefishnet.com

Leave me a note here if interested

2699. Link RL-3 repeater controller

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: mdhavener@ccgate.dp.beckman.com
Message-ID: <mdhavener.1.000C510A@ccgate.dp.beckman.com>
Source record: 211734

Our club purcahsed a Link Communications RL-3 repeater controller a couple of months ago. We've been experiencing some unusual "features" with this controller. Is anybody out there using this controller, and if so are you experiencing any strange goings on?

Mike

mdhavener@ccgate.dp.beckman.com

2700. Re: ** Please Do Not Post Ads or WTB Here **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: scam@siu.edu
Message-ID: <scam-0410951609390001@port8.aixdialin.siu.edu>
Source record: 211735

In article <44sv45$rdm@utopia.hacktic.nl>, Anonymous
<nowhere@bsu-cs.bsu.edu> wrote:

> This group is not for ads or WTB messages. All ads should be posted to:
>
> Rec.Radio.Swap
>
> Thanks

I'll bet this little item was posted by the same underendowed little pud
who's been filling people boxes with shit. An unfortunate side effect of
anonymous remailers.

--
SCOTT A. MANTHE, N9AAT
E-MAIL: scam@siu.edu or lorit@siucvmb.siu.edu

"There is no reason for any individual to have a computer
in their home."
Kenneth Olson, President,
Digital Equipment Corporation, 1977

2701. FS:Icom R71A,IC730,551D

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: wb8hwf@aol.com
Message-ID: <44uu2t$4j7@newsbf02.news.aol.com>
Source record: 211736

Icom R71A w/cw filter and 2.1khz ssb filter-$599
Icom IC730 w/cw filter and ps-15 power supply-$499
Icom 551D (no fm)-$525
I'll throw in a SP3 speaker.
All equipment in very good condition. The IC 730 does not have an internal speaker. The 730 and the 551d have hand mikes.

I've upgraded to a JST-245 transceiver.

E-mail to WB8HWF@aol.com or 614 366 3827
Thanks,Joe

2702. Re: Alinco DJ160 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: marcw@kaiwan009.kaiwan.com
Message-ID: <44uut7$mob@kaiwan009.kaiwan.com>
Source record: 211737

Marc K. Whisman (marcw@kaiwan009.kaiwan.com) wrote:

: I'll find time
: today to call Alinco and see what they say but I suspect thay will either
: tell me to send it in for $$$ or that it is not possible. What ever,
: I'll post it here.

I did call Alinco and was told that the radio couldn't rx aircraft. They
also told me that they wouldn't tell me if it could! They have
basically taken the position that the radios are what they are, and won't
advertise that they can be modified to even rx out of band. They also
said they won't modify or discuss modifications due to the FCC.

Regards,

-Marc

2703. 1296 Repeater Info Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: jackwy@clark.net
Message-ID: <44v4p5$pkp@clarknet.clark.net>
Source record: 211738

I am looking for information on what companies make repeaters
for 1296 MHz. I know Icom does but am looking for others. If you have
any info on companies that make these (name, address, phone number,
internet address, prices, and any comments about the unit) I would
appreciate them. Please reply direct or post here.

Tks and 73's Jack WB3ICL

2704. Re: Service manual for a Icom 275 H***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: Brian Fritz <BrianF@Bangate.Compaq.Com>
Message-ID: <DFy385.JsG@twisto.eng.hou.compaq.com>
Source record: 211739

mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>Need a service manual for a Icom 275 H 2 mtr all mode.Will pay shiping
>cost or photo copy cost .. Please E-mail I am posting this for a member
>of our radio group &3 Mike WB2GLW..

Why not buy one from Icom!

Photocopying one would be illegal, the document is surely copywrighted!

N8KUJ BrianF@bangate.compaq.com

2705. FT77 Yaesu FS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: johnmac@shadow.nat
Message-ID: <johnmac-0410951811240001@ppp-mia-45.shadow.net>
Source record: 211740

We have 2 older Yaesu FT77 radios, want to sell, or looking for
modifications for them!
Anyhelp?
Also, anybody have new No Lic. code information?

2706. Re: Used Police Radio Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: John Maio <jmaio@swcp.com>
Message-ID: <44v6t9$33m@sloth.swcp.com>
Source record: 211741

Contact a Search and Rescue team in your area. Most of them are volunteers and use 155.160 as the SAR frequency, as well as others in that range. I'm sure they'd appreciate the equipment - especially the HTs.

2707. Re: ON-Line no-code license

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: elmartin@jove.acs.unt.edu
Message-ID: <44vh2a$bba@hermes.acs.unt.edu>
Source record: 211742

dx406@cleveland.Freenet.Edu (Lou Haas) wrote:

>Is there a way to take the test on-line?

No, there isn't a way to take the official test online, but there is a
practice test available on the web by Texas A& M Amateur Radio Club at
the following URL:

http://w5ac.tamu.edu/ham-exam.html

That should give some practice for the real test.

--
Eric L. Martin (KC5ENU)
elmartin@jove.acs.unt.edu

2708. Want Info on JST-245

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: POTEET MC <l040350>
Message-ID: <44ugkq$i1u@cliffy.lfwc.lockheed.com>
Source record: 211743

I would appreciate any information on the JRC JST-245 transceiver. How does it stack up compared to other rigs "in its class"? Any really good or bad characteristics. I have read the QST review and it sounds pretty good but I would like some other points of view.

Mike W5FTD

email: poteetmc@lfwc.lockheed.com

2709. Do you use technology in your club? Please read

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: aruss36461@aol.com
Message-ID: <44vkfo$dqd@newsbf02.news.aol.com>
Source record: 211744

I have been asked to research how different amateur radio clubs make innovative use of technology to communicate to, and with their members. I have volunteered to research this issue for the Montgomery Amateur Radio Club in Maryland. My goal is to present a report to the membership on how others are using packet, the internet, BBS services, voice mail, and even programmed repeater announcements to keep the flow of information in front of the members. I feel strongly that the time has come to consider the club newsletter as only one vehicle for the dissemination of information. Your comments are appreciated. If you are a member of a club, please share with me what your club does, or what you wish they did do.

When all responses are compiled I will make the total file available for anyone who wishes to see it.

Thank You.

73

Avery N3TOU

Avery
Compuserve 75105.462@compuserve.com (Alternate Address)

2710. Tube Availability and Solid State Replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: dcrowe@lpl.arizona.edu
Message-ID: <dcrowe-041095130738@shino.lpl.arizona.edu>
Source record: 211745
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I have been licensed for over 30 years, so I am familiar with a lot of the tube rigs which are now available at low prices. But are new tubes still manufactured? Have any of the attempts to replace tubes with solid state substitutes (e.g., FETRONS) been successful, and are these products still available?

In spite of the lower performance of the tube rigs, the need for parts replacement with age, and warm up drift, etc., the real challenge to keeping the old radios working may be the availability (and price?) of tubes or their replacements. I would not be interested in depending upon sources of old (gassy?, used?) tubes. Only if new manufacture is available would I consider one of the old radios.

Thanks,
Devon
KK4TT

2711. Quality of Kendecom/ Mark 4 rptr ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: n2dvq@aol.com
Message-ID: <44uv2l$51m@newsbf02.news.aol.com>
Source record: 211746

If you have any experience with Kendecom, good or bad, I would like to hear from you. Im about to spend 6K on their linking equipment and would like to hear from previous customers. Please send E-mail to n2dvq@aol.com

Tnx

Bob Wilson
Bob Wilson
N2DVQ@AOL.COM

2712. TCS xmtr

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: Cal Eustaquio <ceustaqu@ohm.elee.calpoly.edu>
Message-ID: <Pine.ULT.3.91.951004083553.24485D-100000@ohm.elee.calpoly.edu>
Source record: 211747

Anyone here have any experience with the TCS series of transmitters built during WW2? I am asking as I have recently stepped across one. I'm particularly interested in the setups you folks have had: antennas, audio input configurations (other than the ubiquitous carbon mic it was design with), and homebrew power supplies used. Any response would be greatly appreciated. 73's. Cal, N6KYR.

2713. Re: Used Police Radio Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: rutledge@enuxsa.eas.asu.edu
Message-ID: <DFy4uD.Ls1@ennews.eas.asu.edu>
Source record: 211748

Jeffery Horan (jeffie@ix.netcom.com) wrote:
: I have a storage shed full of used police radio equipment. I wonder if
: anyone knows of any Ham Radio uses for this type of material. I have
: twenty mobile power units, wiring harnesses, face plates,
: microphones, about fifteen portable radios (vhf), chargers for the
: portables, flashlight chargers, speakers, and various other types of
: equipment you would find in a patrol car (even sirens). I need to see
: if it is useful. If so, I will take it to a ham show, if not, I
: will destroy it. I would hate to see the radios fall into the wrong
: hands (radios are programmed with police frequencies). The radios
: would need to be recrystalled. I don't know anything about radio
: technology. I am studying for my amateur radio licence (general).
: Thanks for any advice.

The government typically smashes the crystals in surplus radios that
they sell, if they want to make sure nobody transmits, on military bands
and such. Wouldn't be surprised if the police did this too. You might
check. Most or all of that stuff probably has ham or general-purpose
uses. Sure, take it to a hamfest. Course, depending on how hard those
radios are to mod, you might have to practically give it away to get
rid of it... The guys at hamfests who have commercial stuff typically
have tons of it and it's a bit hard to sell.

--
_______ KB7PWD @ N7MRP.AZ.US.NOAM shawn.rutledge@asu.edu
(_ | |_) html: http://enuxsa.eas.asu.edu/~rutledge/home.html
__) | | ____
* PIC * RISC * eschew obfuscation * quantize the universe * Khoros * VRML *

2714. Re: Wanted radio equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <44v4um$s36@news.ccit.arizona.edu>
Source record: 211749

In article <EVERARDJM%CS03.7@cadetmail.usafa.af.mil> EVERARDJM%CS03@cadetmail.usafa.af.mil (JOEL M. EVERARD) writes:
>Looking for radio equipment for radio show. Need at least 2.5 mile radius.

Gawd! That's gotta be a huge piece of equipment to have that kind of radius.

2715. Re: TO THE COWARDLY LITTLE NET-COP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: Michael.Black@juxta.mba.org
Message-ID: <601_9510050230@mba.mba.org>
Source record: 211750

In article <44s40e$7cg@newsbf02.news.aol.com>, davidst1@aol.com (DavidSt1) wrote:

> To the cowardly little wanna-be policeman who
> multiple-posted my mailbox anonymously:
>
> It is not your place to be "the law" on this or any newsgroup, you
> impotent little nazi prick. I know your mommy didn't give you enough
> attention and your daddy beat your scrawny butt for wetting the bed,
> but that's not MY fault.
>
> Get a life, you disgusting piece of filth. If you want to force your
> views on people, go become a preacher or an L.A. police officer.
>
> With the sincere hope that you die a painful and humiliating death,
>
> David L. Stinson AB5S/7
> Las Vegas, Nevada

I don't know what this is about, but I suspect it just might
have something to do with someone posting a buy or sell ad here,
since that keeps happening despite them not belonging here.

But since there are real Nazi's out and about, I think it is
completely out of place to call someone a Nazi unless they
are. People who could be called Nazi's would include Hitler,
all of those members of the Nazi party from that era, and also
neo-Nazi's of today. ALso, I think calling white supremacists
Nazi's would also be appropriate.

I have a Jewish friend who has mentioned to me a number of times
how using the words Holocaust and Nazi for every little slight
that happens in the here and now diminish all that happened to
so many Jewish people during WWII.

So don't start using the word nazi when it doesn't apply. Go
after the real Nazi's who want to pedlle their distorted vision
on the world.

Michael VE2BVW
--
| InterNet: Michael.Black@juxta.mba.org
| Standard disclaimer: The views of this user are strictly their own.

2716. Need info on Yaesu FT-2200 and Icom IC-2000H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-04 00:00:00 UTC
From: killian@aztec.asu.edu
Message-ID: <44u8ls$2hh@news.asu.edu>
Source record: 211751

I am considering buying either a Yaesu FT-2200 or an ICOM-2000H.
One feature that a Yaesu FT-2500 has that I like is something
that they call "pager tele-forwarding". A page sequence is sent
to the FT-2500 (like "222*111") then the FT-2500 retransmits
this same sequence. Does anyone know if either (or both) of
these two radios are capable of this?

Also, can anyone describe for me what the "DVS-3 Digital Voice
System" is and how it works (for the Yaesu FT-2200) and is there
an equivalent feature on the Icom?

One more, does anyone know what the "pocket beep functions" are
that Icom talks about? How do they work and are they optional?

I wish that Yaesu and Icom would publish a LITTLE MORE info in
their spec sheets. It is kinda hard to make a decision on a
radio when they have SO MANY FEATURES and you don't know what
they are until AFTER you buy the radio!

Thanks.

P.S. Please Email response to killian@aztec.asu.edu.

Thanks again.
Mike
KC7JGC

2717. ***The CrookBook***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: SpyKing <73453.1714@CompuServe.COM>
Message-ID: <44vlptlck1@mhade.production.compuserve.com>
Source record: 211655
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

The CrookBook by SpyKing

500 pages of hacking, phreaking, cons, scams & schemes.How to get anything and everything you ever wanted for free...and how to get away with it!
Everything you'll ever need to know...about beating the system. The CrookBook picks up where Steal this Book, Jolly Roger, Poor Man's James Bond, Anarchists CookBook, etc, left off. Not the same old rehash. Original research & techniques that are tried and proven. The most dangerous book ever written.

E-mail for ordering info

2718. FT-51R and BayPac

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: "W. Mark Clifford" <cliffow@wpdis01.wpaf.af.mil>
Message-ID: <44vap5$43o@blackbird.afit.af.mil>
Source record: 211656

Can't get the two to talk. Put a VOM on the BayPac and can watch it change the tx lead when I use their test software. But I can't get the FT-51 to tx using the resistor they suggested, the one BayPac suggested, and even trying with no resistor at all. The radio transmits using the ptt. I'm ready to buy a hand mic just to trouble shoot and see if the FT-51 had a flaw from the factory.

Anyone else get the two to talk. Yaesu and BayPac are point fingers at each other!

KB8NTR
Mark

2719. Re: Can Alinco DJ-G1E be modifyed to transmit in UHF??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: Bobby Raymer <braymer@midtenn.net>
Message-ID: <44vcuk$97j@grumpy.midtenn.net>
Source record: 211657

Sir i think i have that mod on my bbs your welcome too call and log on and download any mods you need,The bbs will give you fulluser actess on first call.I collect mods for radios and scanners and have put them all on my bbs.the bbs number is 1-615-537-6051.

From Bobby Raymer Algood,Tennessee

PS...I am also new too this enternet thing and i have haveing fun with it i think its neat.

2720. Icom 745 Rx problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: "Thomas D. Cox" <tomcox@indy.net>
Message-ID: <44vdhn$9h8@news.indy.net>
Source record: 211658

I have a used Icom 745 that has given me a lot of good use, but it has an annoying habit of losing receive rf gain at times. The loss is intermittent to begin with, and lately constant. S9+20dB signals drop down to nearly inaudible at worst. At first I thought it was thermally related, but it's too random for that. Sometimes it happens soon after the rig is turned on; sometimes after it's been on several hours; sometimes not at all. It's been home to Seattle for checkout, but they couldn't get it to fail. Of course. The tech I spoke to said, "Maybe UPS fixed it!" It worked fine for months after I got it back, but it started up again, more and more often, and now it seems to be permanent.

I eliminated antennas as a cause. It's common to both HF and LF antenna inputs, and happens on all bands. Sometimes, banging on the right side of the case helps. Sometimes it helps the radio, and sometimes it just helps me....;) Not a long-term solution, obviously -- unless I use the sledge hammer.

Any ideas where this loose connection or solder joint might be? I've been over the boards with a flashlight and magnifying glass, but haven't found anything that looks suspicious. Neither did the Icom techs. IDEAS?????

Tom
KA5NEE/9

2721. FS:MFJ Multi-Mode Data Controller #MFJ-1278

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: bobzito@wolfenet.com
Message-ID: <44vfnu$96f@news1.wolfe.net>
Source record: 211659

<bobzito@wolfenet.com> (Bob Zito)
MFJ-1278 Multi-mode Data controller in excellant condition. You can use
this on both low-band or 2/70cm Packet and other modes. Comes with
software for IBM-PC typecomputers. Has many upgrades and was just
calibrated. $175.00
Bob (206) 861-5490

2722. Re: FT-900 and CTCSS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: "Darryl Goebel, CCP" <dgoebel@execpc.com>
Message-ID: <44vcch$khs@homer.alpha.net>
Source record: 211660

Well, it's a mighty involved section. I just bought my 900 a few weeks ago, and love it!! I'd be happy to FAX a copy of the page to you.

Basically, it defaults to an 88.5 Hz tone. You can display and select another tone by hlding the -FAST- button while pressing -FM-, turning the tuning knob, and pressing -FM- again (to accept). The tone you select applies only to the current VFO, but can be stored in memory. There are 34 available tones!!

BTW, the 88.5 Hz default automatically transmits during FM repeater transmissions.

The FM part of the manual is on pages 24-5. Good luck!!

2723. Re: Icom 745 Rx problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: scibelli@ix.netcom.com
Message-ID: <44vfe3$dnn@ixnews4.ix.netcom.com>
Source record: 211661

"Thomas D. Cox" <tomcox@indy.net> wrote:

>I have a used Icom 745 that has given me a lot of good use, but it has an annoying
>habit of losing receive rf gain at times. The loss is intermittent to begin with,
>and lately constant. S9+20dB signals drop down to nearly inaudible at worst. At
>first I thought it was thermally related, but it's too random for that. Sometimes it
>happens soon after the rig is turned on; sometimes after it's been on several hours;
>sometimes not at all. It's been home to Seattle for checkout, but they couldn't get
>it to fail. Of course. The tech I spoke to said, "Maybe UPS fixed it!" It worked
>fine for months after I got it back, but it started up again, more and more often,
>and now it seems to be permanent.

>I eliminated antennas as a cause. It's common to both HF and LF antenna inputs, and
>happens on all bands. Sometimes, banging on the right side of the case helps.
>Sometimes it helps the radio, and sometimes it just helps me....;) Not a long-term
>solution, obviously -- unless I use the sledge hammer.

>Any ideas where this loose connection or solder joint might be? I've been over the
>boards with a flashlight and magnifying glass, but haven't found anything that looks
>suspicious. Neither did the Icom techs. IDEAS?????

>Tom
>KA5NEE/9

How about the tx/rx relay? I'm using a 735 with a kw amp and on
occasion the relay sticks on switching back to rx from tx. A belt to
the side of the rig unsticks the relay, but when I send it in next
time I'm gonna have it replaced. Does it happen after unkeying?

Chris

---
scibelli@ix.netcom.com
sjs1994@delphi.com

2724. FS:Yaesu FT-736R 3-Band All mode

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: bobzito@wolfenet.com
Message-ID: <44vf5t$96f@news1.wolfe.net>
Source record: 211662

<bobzito@wolfenet.com> (Bob Zito)
Yaesu FT-726R Satellite All-mode transceiver in excellant condition. Has 2
meter and 430 Mhz modules, full duplex module, externally adjustable PL &
Hand microphone. Has room for one more module. $750.00 Plus Shipping
Bob (206) 861-5490

2725. FT11R MOD, PLEASE HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: ke6mgb@ix.netcom.com
Message-ID: <44vnnm$1vs@ixnews7.ix.netcom.com>
Source record: 211663

To All,
If there is anyone out here that has the mod for the Yaesu FT-11R,
please, please, send it to me. It will be greatly appreciated. Please
send it to:
KE6MGB@IX.NETCOM.COM

Thank You Very Much!!!
Rod / KE6MGB / PACKET BBS SYSOP

2726. DECODE RTTY

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <450dp0$itt@newsbf02.news.aol.com>
Source record: 211664

Infotech M-200E For sale. Posting here because myy posts to "SWAP" aren't going through. Decodes CW/RTTY-Baudot-ASCII. 110v. Audio from receiver input gives video output for monitor(not incl.) First $100+UPS takes
Radiomatt@aol.com

2727. info/scv. manual GE Century II

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: 30.pacbell.com
Message-ID: <000005980000261A@nashville.com>
Source record: 211665

To: Dale Goodman <dxgoodm@bsrn2430.pacbell.com>
Subject: info/scv. manual GE Century II

DG>Does anybody have a service manual or info on a GE Century II UHF single
>channel rock bound radio. I would like to take this radio from 460 to 440
>and crystal it up. I have called GE/Ericson and they no longer
>carry the service manual. Thanks for any info...

DG>Dale KD4CVR
>Please reply to: dxgoodm@PTES.com
>

Call those crooks at Comtech they will fix you up !
Well Dale I messed up big time.....I got married ! I guess I was happy
too long. I just found your post here and thought I would say hello.
Check the tag line.

See ya,
Dennis Roberson aka repeater god

 OLX 1.53 A fool and his money soon become a Sysop!

2728. TO THE COWARDLY LITTLE NET-COP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HW2RDWK50Y003V8C@uthscsa.edu>
Source record: 211666

davidst1@aol.com (DavidSt1) writes:

<snip>
-It is not your place to be "the law" on this or any newsgroup, you...
<ignorant filth deleted>

-David L. Stinson AB5S/7
-Las Vegas, Nevada

Lighten up, will you! It's people like you that give USENET
a bad name! There is no reason for a post like this.
Now don't get all offended and think I'm telling you what to
do or anything. I think that perhaps all these things that you
are saying about the anonymous poster must have happened
to you, am I right? Perhaps your extra class call has gone
to your head, wherever that is. It would appear that neither
your mother or father taught you any manors. Maybe they
just didn't care, it shows.

Kevin

Legal stuff:
The opinions herein are my own and not necessarily those of the staff,
faculty, administration, or lab animals (woof!) of The University of
Texas Health Science Center at San Antonio or anyone else who is not
me. The perceived length of this message may not be the same as its
actual length due to relativistic compression during gateway routing.
Your mileage may vary. Batteries not included. Certain options not
available in Nebraska, West Virginia, North Dakota, Nevada, or
Puerto Rico.
****
Kevin R. Muenzler, WB5RUE The University of Texas Health
muenzlerk@uthscsa.edu Science Center at San Antonio,
Department of Computing Resources

The difference between genius and |
stupidity is that genius has its |
limits. The only difference | I am Voltohm of Borg!
between stupidity and intelligence| Resistance is E/I!
is that intelligence may be | Power is EI!
artificial, stupidity is always | You will be attenuated!
genuine. |
****

2729. ICOM W31 Likes/Dislikes?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: rkmorrow@aol.com
Message-ID: <450qiq$l4i@newsbf02.news.aol.com>
Source record: 211667

If you own a W31 dual-band HT, what are your likes and dislikes? I'm particularly interested in comparisons with other dual-band HTs.

-Bob Morrow WB6GTM

2730. Re: Ham-Equip Digest V95 #486

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: KS0F@aol.COM
Message-ID: <951005104614_116786265@emout04.mail.aol.com>
Source record: 211668

I'm quite proud of you Dave, well said.
73 de KS0F

2731. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Message-ID: <199510051517.KAA12905@outpost.safe.ia.gov>
Source record: 211669

```
>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Thu Oct 5 10:19:14 CDT
1995 remote from osiint.safe.ia.gov
Date: 05 Oct 1995 10:19:08 -0500
X400-Trace: US*ATTMAIL*IADPS
arrival 05 Oct 1995 10:19:08 -0500
action Relayed
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@osiint.safe.ia.gov
To: "/RFC-822=Ham-Equip(a)ucsd.edu/OU=OSI-INTERNET/O=WALLACE/PRMD=IADPS/ADMD=ATTMAIL/C=US/
"@osiint.safe.ia.gov
In-Reply-To: <"\"/RFC-822=199510050550.WAA20479(a)mail.ucsd.edu/OU=OSI-INTERNET/O=WALLACE/
PRMD=IADPS/ADMD=ATTMAIL/C=US/\""@osiint.safe.ia.gov>
Subject: Re: Ham-Equip Digest V95 6486
Importance: normal
Autoforwarded: FALSE
Message-Id: <werl1005101815aa*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@
osiint.safe.ia.gov>
P1-Message-Id: US*ATTMAIL*IADPS;IDPS3550 werl1005101815aa
UA-Content-Id: werl1005101815aa
P1-Content-Type: P2
Priority: normal
Received: from osiint.safe.ia.gov by iadpshub.safe.ia.gov; Thu, 5 Oct 1995 10:19 CDT
Content-Type: text
Content-Length: 374

Question for the group: picked up a Jerrold Model 2300 Broad Band Amp
at a fleamarket. Price was right $0, (take it or I'm going to pitch it).
I have no paperwork with it. Plus I have no idea what it does. It is supposed
to be in working order.

Any info appreciated.

Scott
werling@safe.ia.gov
Scott C. Werling@jemm.com
NOXZY @ WA0RJT.IA.USA.NOAM
```

2732. Kenwood TS-940S 4Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: scottf@maxwell
Message-ID: <451591$9e9@news.scruz.net>
Source record: 211670

I have a Kenwood TS-940S HF Tranciever for sale. This is a very nice unit with many features. It has been used and is in good condition. It comes with the original cartons, manuals and extra filters. I will also include the service manual with the purchase. Contact me at my internet address below.

Scott Fuller KC6YOQ
scottf@emu.com

2733. Re: Tube Availability and Solid State Replacement

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: Grant Youngman <us007699@interramp.com>
Message-ID: <451c4e$dmo@usenet1.interramp.com>
Source record: 211671

> I have been licensed for over 30 years, so I am familiar with a lot of the
>tube rigs which are now available at low prices. But are new tubes still
>manufactured?

Yes, and some are very high quality products (Svetlana, for example).
There are continuing rumors of some new US assembly lines starting up as
well -- primarily to serve the glass audio crowd.

>Have any of the attempts to replace tubes with solid state
>substitutes (e.g., FETRONS) been successful, and are these products still
>available?

Yes, sort of. Don't know of any current manufacture. The real question
is, why would you want to do this? :-)

>
> In spite of the lower performance of the tube rigs,

This statement may be true in some cases, but in many respects the high
end tube radios of a few years back hold there own quite well against the
typical plastic import stuff, and in many if not ALL respects offer better
performance -- such as phase noise, audio quality, AGC performance,
performance in the presence of high noise, "feel" (tough to quantify, I
admit), etc. My 40 year old SP600 can hear things my multi-thousand $$
super whizzo silicon thing doesn't know exist.

At least the old receivers and transmitters looked like what they were
meant to be instead of just being a variant of the latest plastic
mid-range import stereo junk.

>the need for parts
>replacement with age, and warm up drift, etc., the real challenge to
>keeping the old radios working may be the availability (and price?) of
>tubes or their replacements. I would not be interested in depending upon
>sources of old (gassy?, used?) tubes. Only if new manufacture is available
>would I consider one of the old radios.
>

Well, most of the solid state stuff also will suffer from the "parts
replacement with age" syndrome. Warm up drift? Unless your solid state
box has expensive ovens in all of the frequency control circuits, it too
suffers from warm up drift. Don't believe the rock solid dial reading.
Ok, ok, it may not be as great -- but it all depends on what products your
talking about. An R-390 will stand up against most modern stuff in this
department.

Tubes used in the old gear are still common and in plentiful supply (there are some exceptions, but workarounds exist -- and the exceptions are just that -- exceptions). And prices are not high. Certainly less than the cost of shipping your box to timbuktu, getting it fixed, and getting it back. While they may not be NEW (as in manufactured yesterday afternoon) they are NEW as in New Old Stock -- never used. Old does not mean gassy.

And your missing the whole point of the vintage radio gear anyway -- it doesn't look, feel, or operate like you just unboxed it after buying it at Circuit City. Its real radio stuff -- with big dials, meters, and tuning knobs you can get your whole hand around :-) Fat fingers are not a problem. AND .. it will keep you warm, and give you light ..... and just make you FEEL GOOD :-)

Grant/NQ5T

2734. IC-706 User Review

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: w7gz@primenet.com
Message-ID: <451d6v$qub@nnrp2.nfs.primenet.com>
Source record: 211672

by Alf NU8I/G4ABB
alf@agreen.iac.honeywell.com
Scottsdale, AZ DM43an

Icom IC-706

General comments:

Very compact; particularly with the detachable front panel, should be no problem for anyone finding a space for it at home or mobile/portable. I didnt weigh it, but it seems light enough to put in a backpack for some interesting mountain top operating!
The front panel layout is quite good, except for the RIT button. The tuning knob feels smooth, and can be adjusted for a friction feel, or a reasonable amount of flywheel action.
The manual seems pretty comprehensive, and there is a quick reference card. It appears just about every option can be set up with its own default, based on band/mode etc., so it should not be necessary to spend much time messing around in the menus. I must point out though that _I_ have not played much with this yet. The rig is certainly usable 'out of the box'.
There are a bunch of connections on the back panel, for connecting a tuner, rtty stuff, computer interface, etc. No low level rf out for a transverter, however.

On the air:

On receive, the rig seems fairly 'quiet'. Even with the pre-amp on, the audio gain has to be set well advanced to make much noise out of the speaker. On 6m, connecting the antenna gives a fair increase in noise (I live in quite a noisy environment), and the W7US beacon, abt 100miles away, sounded as good as it does on my regular rig (HB txvtr > IC735). I couldn't find any other weak signals to try it on.

I didn't find any birdies on 6 or 2 apart from my usual 'friends'; in fact some were missing; artifacts of the previous transverter scheme I guess. I was afraid I would get some inter-mod from local commercial services, but it seems to do a good job of eliminating that.

To my NW, I get some fairly bad power-line crud, which my 735 noise blanker removes completely. The NB in the 706 didn't seem to do as good a job. The S-meter reading dropped, but I could still hear the QRN. However, I didn't have a signal to listen to through the noise, so it may be good enough in practice.
I have not yet had a chance to try it in the car, so I don't know how well it will handle automobile ignition noise.

Working local stations on 6 and 2, the immediate reaction was that the internal speaker was not up to the job. It was really quite unpleasant to listen to; very tinny. Plugging in an external speaker solved that problem. I didn't try with headphones, as I don't yet have an adaptor for the mini phone jack. I'm sure they would sound really good. Again, I had the impression that there wasn't really enough audio 'umph' available. In a noisy mobile environment, an external amp would probably be needed. Tuning was really smooth, particularly set for 10Hz steps. No noticeable steps/bumps/clicks etc, as I have heard on some rigs.

Reports on the transmitted audio quality were uniformly favorable. (note: this is on sideband, I didn't bother with AM or FM). The compressor had a noticeable effect, but the effectiveness of that will have to wait for some noise level paths.

On the bench:

Test gear used: HP8591A Spectrum Analyzer, HP608D generator, assorted Weinschel attenuators, HP3400A true rms voltmeter, various wideband directional couplers, calibrated with the 8591.
I do not have a noise figure meter; to check sensitivity I found the level at which I got a 3dB increase in noise with the audio level set as low as would give a stable reading on the 3400. The assumption is that at that level, the internal AGC would not have kicked in. The noise figure is then the signal level, in dBm, minus -140.3 (for a 2300Hz assumed bandwidth). (I think I've got that right; I won't be offended if someone corrects me, though!).
If someone local has a noise meter they could loan me, I'll run some more detailed checks.

Receiver: All the following were with the internal preamp ON.

In band:

freq, MHz threshold dBm noise figure,db
28.600 -134.5 5.8
50.125 -136.1 4.2
144.200 -136.2 4.1
148.000 -137.0 3.3

Out of band: (to nearest dB)

60.0 -132 8
70.0 -134 6
80.0 -132 8
90.0 -133 7
100.0 -133 7
120.0 -130 10
130.0 -113 27
140.0 -104 36
150.0 -103 37
160.0 -96 44
180.0 -78 62
190.0 -75 65

This looks really interesting in graphical form! The sensitivity is quite uniform up to around 120MHz, then drops off fairly steeply. The exception, of course, is in the 2m band. In fact, there is a very noticeable change in the background noise _immediately_ you tune outside the 144-148 band limits. I suspect that a different front-end filter or extra pre-amp is automatically switched in. The manual does not include a schematic, (unusual for Icom), so I can't verify this.
I did not have time to run the checks below 50MHz, but the background noise and qrn level sounded similar to that at 50.125, so I dont expect any major reduction in sensitivity in this range.

Transmitter:

50.125 Power max 89.6W min 2.5W
144.200 max 9.4W min 0.5W

Power control operated smoothly in between these limits.
Even though it seems a little low, 89W is within 0.5dB of the rated 100W, and that is within the measuring error of my setup.

No spurii could be found less than 60dB down from the desired output.

Some specific questions sent by e-mail:

How bad is the intermod?
No apparent problem from out-of-band signals. Haven't had a chance to try with strong in-band local stations.

How well does the noise blanker work?
Not tested on ignition qrn. Not as effective on powerline spikes as the IC735.

How does it do receiving WBFM?
Using a regular dipole in the shack, pulls in the stations better than my A/V receiver. Audio sounds good, though not up to hi-fi standards, on an external (small Radio Shack) speaker. Absolutely crappy on the internal speaker.

Is power output up to spec?
See above.

How warm does it get just receiving?
Case temp rises less than 10F above ambient after several hours of operation.

How difficult are menus to navigate whilst driving?
Haven't tried this, and wouldn't recommend it. Set what you need in the memories ahead of time, and you shouldn't need to mess with this.

Does it truly have poor receive above 160MHz?
See above. I would expect it to be pretty poor above 130MHz, except for 2m.

Reception on the broadcast band 530-1600 khz?
Only listened at night with my HF beam as an antenna. Sounded pretty nasty, but about the same as my IC735. I expect it would be fine during the day,

and/or with a proper antenna.

On wide fm on the TV sound signals at about 190 mhz?
With a 3foot piece of wire as an antenna, I could hear nothing up there
except some pops and crashes. Based on the sensitivity tests, above, I
would expect it to be pretty poor.
Is there just one coax connector on the back for all bands hf, 6 and 2,
or is there a separate output for each of the vhf bands?
One socket (SO-239) is for all bands < 60MHz. The other SO-239 is for >60MHz.

What kind of cable do you need to seperate the front panel for remote
operation- do you need to buy theirs or can U build it when you need it with
parts on hand?
It's a non-standard connection arrangement (spring-loaded pins) so I expect
their cable is the only way to go. Trouble is, its not available yet. 8-(

Does it come with a mobile mounting bracket and a mic?
Mic, yes; bracket, no.

Does it have a CTCSS encoder built in, or is that an option (for PL tone
activated 10/6/2m repeaters)?
Yes it does, and also 1750Hz for the Eu repeaters.

How much you have to give for it?
$1299 + tax

Is it all mode on all bands?
I didn't see any restrictions per band.

2735. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: roy5715936@aol.com
Message-ID: <451i6l$rjv@newsbf02.news.aol.com>
Source record: 211673
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

I think that many HAM radios do not use true FM while the better type accepted radios (Motorola) use real FM. I do not know if true FM is a prerequisite for type acceptance though. Just my too-sense

2736. RE: KENWOOD TH-22 ANY GOOD?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: matt@net-connect.net
Message-ID: <451j50$veh@news.net-connect.net>
Source record: 211674

Is the kenwood th-22 any good for a first radio or should i look for somthing else please help

thanks matt ?????

2737. Re: FCC licenses

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: wilder@clark.net
Message-ID: <450md9$3ob@clarknet.clark.net>
Source record: 211675

Nitin Natarajan (nitinn@acsu.buffalo.edu) wrote:
: I was wondering if anybody out there had any expiriences with obtaining
: FCC commercial licenses. My company is looking to obtain 2 more frequencies
: and I was wondering if anyone out there had an idea as of the cost, paperwork,
: requirements, etc. Any help would be greatly appreciated.
:
: Nitin Natarajan
: N1GSK
:
The actual requirements depend on the type of business.
I recommend checking the WWW page at: http://www.fcc.gov
Also, you can send your query to: fccinfo@fcc.gov
You can download the complete FCC telephone dirctory which lists by
name, office, and subject matter.
Feel free to E-Mail me directly with any additional questions.

73, Dick Wilder, K3DI
Richard L. Wilder Co (410) 757-6706 FAX: 757-6720
Consultant to Governement Frequency Managers

2738. IRCI (?) filter for FT900AT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDFzH5K.Bz@netcom.com>
Source record: 211676

Still looking for a narrow SSB filter (~1.8-1.9 kHz wide) filter for the FT900AT. Yaesu does not offer one (dumb!). IRCI was considering making one but no word. Has anyone checked this problem out lately?

73 Dave WB0GAZ dgf@netcom.com

2739. Re: Kewood TM 742/642 Unrepairable????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: "Jeff Fischer"@thefishnet.com
Message-ID: <8B2749E.0074000687.uuout@thefishnet.com>
Source record: 211677

-> A Friend shipped 1 Yr old TM742 Tranciever to Kenwood for repair.
-> He was told even though unit is still in production, it was
-> unrepairable because the control board is unavailable. Does this make
-> sense? Has anyone else had a similar problem? Should we all stop
-> buying Kenwood. Please post comments, Thanx

Doesn't make sense, but that is the way it seems Kenwood is doing things anymore, and after being a loyal Kenwood owner of many of their brands for many years, I think the next purchase will be from another company. They are getting worse and worse at thing.

Jeff KB4MKL

2740. Re: TO THE COWARDLY LITTLE NET-COP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <4517ao$700@ixnews3.ix.netcom.com>
Source record: 211678

In <scam-0410950328380001@port141.aixdialin.siu.edu> scam@siu.edu
(Scott A. Manthe) writes:
>
>In article <44s40e$7cg@newsbf02.news.aol.com>, davidst1@aol.com
(DavidSt1)
>wrote:
>
>> To the cowardly little wanna-be policeman who
>> multiple-posted my mailbox anonymously:
>>
>> It is not your place to be "the law" on this or any newsgroup, you
>> impotent little nazi prick. I know your mommy didn't give you
enough
>> attention and your daddy beat your scrawny butt for wetting the bed,
>> but that's not MY fault.
>>
>> Get a life, you disgusting piece of filth. If you want to force
your
>> views on people, go become a preacher or an L.A. police officer.
>>
>> With the sincere hope that you die a painful and humiliating death,
>>
>> David L. Stinson AB5S/7
>> Las Vegas, Nevada
>
>Good to see someone reinforce the idea that it doesn't take a genius
to
>get a ham license. This kind of post pretty much refutes the whole
code
>vs. no code debate.
>
>--
> SCOTT A. MANTHE, N9AAT
> E-MAIL: scam@siu.edu or lorit@siucvmb.siu.edu
>
> "There is no reason for any individual to have a computer
> in their home."
> Kenneth Olson, President,
> Digital Equipment Corporation, 1977

Sure does, it says we need to keep the code requirement!

Regards,

Duffy - WB8NUT

2741. Thoughts on Austin 500 C antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: Dale Castle <dbcastle@gibbs.oit.unc.edu>
Message-ID: <Pine.CVX.3.91.951005223108.28705A-100000@gibbs.oit.unc.edu>
Source record: 211679

I'm thinking about buying an Austin 500C mag-mount mobile dual
band antenna for $35. I would be using it indoors on my frig and on my
car during long trips. Does this sound like a good antenna? Thanks. 73s

dale
KD4EAP

2742. Re: No clue Hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: bwolfson@rkg.com
Message-ID: <bwolfson-0510951428380001@moose.rkg.com>
Source record: 211680

In article <4517sk$f4n@miwok.nbn.com>, jenglish@sparc1.castles.com (John English) wrote:

> Hello All;
> It appears to me from reading some of the posted questions, comments on
> this and a few other Ham related groups that many of the so called 'Hams'
> have'nt gotten a clue on many of the basic technical subjects. How these
> folks passes their test is a mistery. Maybe we need to open up another
> license class in addition to the 'No code'. We'll call it the No Clue
> Tech.
>
> 73 de John KC6VLG
> PS. Yes I'm a 'no code' tech but WITH 'A clue' upgrade.
>
> jenglish@sparc1.castles.com

Of course, how you ever managed to get out onto UseNet is a complete mystery to me... Maybe we should take away your posting license until you've exhibited an acceptable skill level with spelling and punctuation. ;-)

> have'nt gotten a clue on many of the basic technical subjects. How these
^ "haven't"
> folks passes their test is a mistery. Maybe we need to open up another
^ "passed" ^ "mystery"

> PS. Yes I'm a 'no code' tech but WITH 'A clue' upgrade.
^ "P.S."
^ "Yes," ^ "tech," ^ I won't touch this one..

Come back and complain some more when you've reached perfection. In the meantime, leave the rest of us mortals alone in our bumbling incompetence. ;-)

Cheers.
-Bryce KD6QDS

2743. looking for Kenwood DCL/2530/2550/2570/3530/4530/4100

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: crum@xmission.com
Message-ID: <44vr4h$7c3@news.xmission.com>
Source record: 211681

Hello, I'm looking for someone with the Kenwood DCL accessory
for good old Kenwood VHF/UHF radios. I understand that DCL allows fancy
controlling and things like that. If anyone has one to sell or otherwise
has more information about this DCL accessory and radio it works with,
then please let me know. Thanks!

Gary.Crum@kb7eec.ampr.org
or crum@xmission.com

2744. TM-742A On 208.345MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <800547684901@humnet.humberc.on.ca>
Source record: 211682

>
> I have {And have had for over a year, very happy :)} a Kenwood TM-742A,
> with 6M, 2M, and 70cm. The question is . . . anyone know how to extend
> the RX to over 209 MHz? I do not care about the TX but I have the need
> to monitor some telemetry at about 208 MHz and my car is awfully small
> to try and get another radio into. {40M, 15M, 10M, 6M, 2M, 70cm already
> in there, oh yeah forgot 11M (its my daughters radio)}
>
> Any help would be greatly appreciated.
>
> Thanks.
>
> Darrell Leach
> KD6LRC

Hi Darrell, unfortunately the 2 meter module will only go as high as
174 Mhz. This is restricted by the programming of the microprocessor
within the radio.
I don't recall offhand what the out-of-band coverage is on the
220 MHz module but it may more likely cover 209 MHz.

Regards !

Hugh Duff VA3TO Toronto

 NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
Visit our Website at http://humnet.humberc.on.ca/

2745. FS:Yaesu FT-736R 3-Band All mode

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: linnert@jacome.ping.dk
Message-ID: <22f_9510081930@jacome.ping.dk>
Source record: 211683

Hi bobzito , hope you are having a nice day

05-Oct-95 05:16:29, bobzito wrote to All
Subject: FS:Yaesu FT-736R 3-Band All mode

b> <bobzito@wolfenet.com> (Bob Zito)
b> Yaesu FT-726R Satellite All-mode transceiver in excellant condition. Has 2
b> meter and 430 Mhz modules, full duplex module, externally adjustable PL &
b> Hand microphone. Has room for one more module. $750.00 Plus Shipping

How much to Denmark total in US $?

-=> Yours sincerely, Klaus Linnert <=-
Email = linnert@jacome.ping.dk
--

2746. TH-75A Manual needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-05 00:00:00 UTC
From: frankl@powergrid.electriciti.com
Message-ID: <frankl.77.000D26D9@powergrid.electriciti.com>
Source record: 211684

Need a copy of the subject manual. Please email if you can help.

73,

Frank
KE6WOE

2747. Re: No clue Hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: jsollows@direct.ca
Message-ID: <45296n$msa@grid.Direct.CA>
Source record: 211602

jenglish@sparc1.castles.com (John English) wrote:

>Hello All;
>It appears to me from reading some of the posted questions, comments on
>this and a few other Ham related groups that many of the so called 'Hams'
>have'nt gotten a clue on many of the basic technical subjects. How these
>folks passes their test is a mistery. Maybe we need to open up another
>license class in addition to the 'No code'. We'll call it the No Clue
>Tech.

Here in Canada we have a new license class. It allows you to walk into
a class on a Saturday morning without even knowing what a ham is, not
to mention any theory, and walk out later that day with a call sign.
The No Clue / No Code is here...pretty scary stuff.

2748. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: demetre@helios.intranet.gr
Message-ID: <452lqf$856@helios.intranet.gr>
Source record: 211603
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment

```
: screwed up here, but some local hams told me that when they (illegally)
: use their modified HT's on a GMRS frequency, they have to hold the

Can some one please tell me what GMRS stads for ???

73's
```

2749. Sale/Trade: QRZ Industries VB-8A Natural Voice Recorder

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: lmilrad@passport.ca
Message-ID: <4537fa$t0o@diplomatic.passport.ca>
Source record: 211604
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

QRZ Industries VB-8A Natural Voice Recorder is a flexible, multi-purpose digital voice recorder with many unique features including up to 100 seconds message time and up to 100 seconds per voice message, keypad or optional computer console control, auto-incrementing serial number, single or auto-repeat playback, variable pause control, message chaining and other features too numerous to mention.

This unit has been configured for the Yaesu FT1000, 990, etc. but can be easily modified for other manufacturers products through rewiring the pinouts in the mic jack connector. Also included are "optional" computer serial connectors for Yaesu (and which have never been used).

This unit is like new and I open to offers or willing to trade for new or used hts.

--
Lou Milrad
lmilrad@passport.ca

2750. subscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: Dwight_H@simusa.sim.ORG
Message-ID: <199510061305.JAA24422@redstone.interpath.net>
Source record: 211605

```
subscribe
```

2751. Eimac 7289's & TH328's

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: ve1alq@mi.net
Message-ID: <453jt8$bcs_001@ve1alq.mi.net>
Source record: 211606

I AM IN NEED OF 8 TO 12 Eimac 7289 TUBES, THIS TUBE IS THE CERAMIC VERSION OF THE OLD 2C39. THESE 7289's MAY BE NEW OR USABLE "PULLS". I USE THESE TUBES IN MY 1296Mhz EME LINEAR.

I AM ALSO LOOKING FOR A COUPLE OF "GOOD" USED Thomson TH328's AND/OR TH338'S FOR THE SAME APPLICATION.

IF YOU HAVE ANY OF THESE TUBES YOU WOULD LIKE TO DESPOSE OF PLEASE CONTACT ME VIA E-mail ,OR Phn/FAX 506 738-2734 (COLLECT), ALSO STATE EXPECTED PRICE.

Many Thanks & Best 73

2752. Re: Carrier Osc Adjustment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <454dfv$jr@safety.ics.uci.edu>
Source record: 211607

Hi Tony:

I used to use the frequency counter method to set the carrier points, but you never can tell where the filter really is. I also have heard that using an audio generator into your mike jack will do it, you can set it for certain power output given the lower and upper limits of the frequencies of your voice. I also used the AG6K method, adjusting for carrier suppression on USB/LSB vs AM reception using my TS440 20 db attenuator as a standard. That did pretty well according to audio reports I get.

I have now settled on using the receiver "ear" method. I use any method to get into the ball park, then listen to signals with the IF shift centered. I try to get the sound of the received SSB signal somewhere near right. I then adjust so that both USB and LSB sound about the same (with dummy load, I use only noise level to check the two sidebands). Then I check again, and I adjust the IF shift control to make sure it was about centered resp. the other IF anyway. I just do this a couple of times and then check the transmitted audio on a spare receiver. I seem to hit it pretty darned well this way. I have had to do it a lot, I keep trying different 455 kHz filters in my TS 440 main IF stage.

Good luck.

Clark
WA3JPG

2753. Re: HTX-202...Good? Bad?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.6887.7583.0NFBB42C@woodybbs.com>
Source record: 211608

Subject: Re: HTX-202...Good? Bad? Ugly?

>>I guess I haven't been so lucky with my HTX-202. The squelch circuit
>>seems to "go away" every six months or so.

Your unit should have been replaced with a new one the first time this occurred. I am sorry you are having problems with your HTX-202. Please know that the vast majority of HTX-202 owners are quite satisfied with their units.

Clint Bradford
---
* TLX v4.00 * The worst thing about censorship is ########

wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

2754. Re: GMRS radio - features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <9510061616291001@digcir.cts.com>
Source record: 211609

DK<>Can some one please tell me what GMRS stads for ???

Government Mobile Radio Service (or Ground I forget!)

EJ!
N6OID

* OLX 2.1 TD * I'm about as confused as a baby at a topless bar.

2755. 290R MULTIMODE MK1 WITH MUTEK

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: bob@aspect.powernet.co.uk
Message-ID: <454cp3$lth@power1.powernet.co.uk>
Source record: 211610

I HAVE FOR SALE A YEASU 290R MULTIMODE WITH MUTEK FRONT END
MINT CONDITION COMPLETE WITH MANUAL AND ALL BITS SUPPLIED AS NEW
PRICE £160
REGARDS BOB G0KYF@GB7BEN
bob@aspect.powernet.co.uk
MILTON KEYNES

2756. FT401DX FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: bob@aspect.powernet.co.uk
Message-ID: <454cpd$lth@power1.powernet.co.uk>
Source record: 211611

I HAVE A YEASU FT401DX WITH 160M CONVERSION FOR SALE
COMPLETE WITH MANUAL AND 4 SETS OF 6KD6 OUTPUT VALVES(GREEN BAND)
OFFERS OVER ?140
BOB G0KYF@GB7BEN OR
bob@aspect.powernet.co.uk

2757. Re: No clue Hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: VUBS79A@prodigy.com
Message-ID: <4544lh$163k@usenetw1.news.prodigy.com>
Source record: 211612

>GET OFF YOUR HIGH HORSE NEWBE.If you ever get a clue and pass your cw test I will be happy to talk with you

By making a statement like this, you have just proven that you're just as arrogant and misguided as the other guy is. A perfect example of what's wrong with amateur radio today.

-Drew in Charlotte-
KF4DDM

2758. unscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: BRICKEY_PETER@Tandem.COM
Message-ID: <199510071501.AA21305@gateway.cpd.tandem.com>
Source record: 211613

```
------------ ORIGINAL ATTACHMENT --------
SENT 10-06-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 6 Oct 95 Volume 95 : Issue 490

Today's Topics:
Can Alinco DJ-G1E be modifyed to transmit in UHF??
DECODE RTTY
Do 2m HTs TX beyond 144-148 Mhz?
FT51R - software R&T Systems (2 msgs)
IC-706 and MARS
Link RL-3 repeater controller
Need info on Yaesu FT-2200 and Icom IC-2000H
Need Info on Yaesu FT900
Service manual for a Icom 275 H***
Tube Availability and Solid State Replacement
Want Info on JST-245

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.
------------------------------------------------------------------------

Date: 5 Oct 1995 01:38:28 GMT
From: Bobby Raymer <braymer@midtenn.net>
Subject: Can Alinco DJ-G1E be modifyed to transmit in UHF??

Sir i think i have that mod on my bbs your welcome too call and log on
and download any mods you need,The bbs will give you fulluser actess on
first call.I collect mods for radios and scanners and have put them all
on my bbs.the bbs number is 1-615-537-6051.

------------------------------

Date: 5 Oct 1995 06:58:40 -0400
From: radiomatt@aol.com (Radiomatt)
Subject: DECODE RTTY

Infotech M-200E For sale. Posting here because myy posts to "SWAP" aren't
going through. Decodes CW/RTTY-Baudot-ASCII. 110v. Audio from receiver
```

input gives video output for monitor(not incl.) First $100+UPS takes
Radiomatt@aol.com

Date: Sat, 30 Sep 1995 14:19:59 -0400
From: keithw@sedona.net (Keith Wood)
Subject: Do 2m HTs TX beyond 144-148 Mhz?

In article <1995Sep26.233741.20188@gsm001.mendelson.com>,
gsmlrn@gsm001.mendelson.com (Geoffrey S. Mendelson) wrote:

> In the United States, which was the country in question, it is illegal to
> modify equipment to transmit out of band, such as converting a ham radio
> to CB.

No, it's not. It's unlawful in most cases to TRANSMIT out of band using ham
equipment, but modifying it is not prohibited.

> While it is legal for a ham in the US to build a radio that transmits out
> of band (as long as it also transmits in band), modifing one a factory built
> one for out of band transmission has been interpreted as evidence of doing so.

. . .by some. But not all instances of using ham gear out of the ham bands are
unlawful. CAP and MARS are two examples..

> Yes, that is true, but in the US, you cannot get FFC aproval for a HAM
> transmitter that transmits out of band, which effectivly eliminates it
> sale (as a retail item).

Gee, that mans that EVERY SINGLE ONE of the radios I've bought in the last 15
years was "effectively eliminated as retail items." This will come as a
surprise to Yaesu, Icom, Kenwood and Azden.

==========
Keith Wood
Host/Producer, The Computer Program and FLYING TIME!
Gunsite (Orange) alumnus, Team OS/2, Parrothead, N7JUZ, AZ0237 but not a
number (I'm a FREE MAN!), creator of FIRE TEAM and HERO SEEKER
==========

Date: 4 Oct 1995 19:04:19 GMT
From: Lloyd Arrow <lloyda@aladdin.co.uk>
Subject: FT51R - software R&T Systems

This is a multi-part message in MIME format.

----------313503234522845
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

Hello there....
If the software you are after is the same one I am thinking of then the

software has been bought under license by YAESU and can now be obtained
through your local Yaesu dealer. It is the ADMS-1 package for the FT-51.
If you have any difficulty in getting this. We can ship from here in the
UK.

73

----------313503234522845
Content-Transfer-Encoding: 7bit
Content-Type: text/plain

TTFN de Lloyd

email - lloyda@nevada.co.uk (my mail)
email - info@nevada.co.uk (general)
WWW - http://www.ee.port.ac.uk/~arrow_l
----------313503234522845--

Date: 4 Oct 1995 19:09:50 GMT
From: Lloyd Arrow <lloyda@aladdin.co.uk>
Subject: FT51R - software R&T Systems

This is a multi-part message in MIME format.

----------7307255888926
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

Hello there....
If the software you are after is the same one I am thinking of then the
software has been bought under license by YAESU and can now be obtained
through your local Yaesu dealer. It is the ADMS-1 package for the FT-51.
If you have any difficulty in getting this. We can ship from here in the
UK.

73

----------7307255888926
Content-Transfer-Encoding: 7bit
Content-Type: text/plain

TTFN de Lloyd

email - lloyda@nevada.co.uk (my mail)
email - info@nevada.co.uk (general)
WWW - http://www.ee.port.ac.uk/~arrow_l
----------7307255888926--

Date: 5 Oct 1995 12:00:53 GMT
From: dennisg@microware.com (Dennis Gabler)
Subject: IC-706 and MARS

In <44t6av$6bv@news.citynet.net> wm8s@citynet.net writes:

>MARS services. Has anyone ever gotten MARS modifications from ICOM? Do they
>require the modify-ee to possess a MARS license?

I can't address the info from ICOM issue, but you don't need a MARS license to
get the info. My Yaesu was modified long before I became involved with MARS.

73's Dennis

--
Dennis Gabler --o-------------------------=o=-------------------------o--
|
dennisg@microware.com KB5HVN/NNN0BQG__________| KB5HVN@WB0UGO.IA.USA.NA

Date: Wed, 4 Oct 1995 12:18:54
From: mdhavener@ccgate.dp.beckman.com (Mike Havener)
Subject: Link RL-3 repeater controller

Our club purcahsed a Link Communications RL-3 repeater controller a couple of
months ago. We've been experiencing some unusual "features" with this
controller. Is anybody out there using this controller, and if so are you
experiencing any strange goings on?

Mike

mdhavener@ccgate.dp.beckman.com

Date: 4 Oct 1995 15:19:24 GMT
From: killian@aztec.asu.edu (MICHAEL KILLIAN)
Subject: Need info on Yaesu FT-2200 and Icom IC-2000H

I am considering buying either a Yaesu FT-2200 or an ICOM-2000H.
One feature that a Yaesu FT-2500 has that I like is something
that they call "pager tele-forwarding". A page sequence is sent
to the FT-2500 (like "222*111") then the FT-2500 retransmits
this same sequence. Does anyone know if either (or both) of
these two radios are capable of this?

Also, can anyone describe for me what the "DVS-3 Digital Voice
System" is and how it works (for the Yaesu FT-2200) and is there
an equivalent feature on the Icom?

One more, does anyone know what the "pocket beep functions" are
that Icom talks about? How do they work and are they optional?

I wish that Yaesu and Icom would publish a LITTLE MORE info in
their spec sheets. It is kinda hard to make a decision on a
radio when they have SO MANY FEATURES and you don't know what
they are until AFTER you buy the radio!

Thanks.

P.S. Please Email response to killian@aztec.asu.edu.

Thanks again.
Mike
KC7JGC

Date: 4 Oct 1995 23:43:26 GMT
From: nema@pcnet.com (Richard Lubash)
Subject: Need Info on Yaesu FT900

I am thinking of purchasing a Yaesu FT900/AT and would like any
information from personal experience good or bad. I would be using it
for a base rig with ocassional in feild mobile opperation.

Thanks in advance

Richard Lubash

Date: 4 Oct 1995 19:15:47 GMT
From: mkulyk@ix.netcom.com (MICHAEL KULYK)
Subject: Service manual for a Icom 275 H***

Need a service manual for a Icom 275 H 2 mtr all mode.Will pay shiping
cost or photo copy cost .. Please E-mail I am posting this for a member
of our radio group &3 Mike WB2GLW..

Date: 4 Oct 1995 20:18:54 GMT
From: dcrowe@lpl.arizona.edu (Devon G. Crowe)
Subject: Tube Availability and Solid State Replacement

I have been licensed for over 30 years, so I am familiar with a lot of the
tube rigs which are now available at low prices. But are new tubes still
manufactured? Have any of the attempts to replace tubes with solid state
substitutes (e.g., FETRONS) been successful, and are these products still
available?

In spite of the lower performance of the tube rigs, the need for parts
replacement with age, and warm up drift, etc., the real challenge to
keeping the old radios working may be the availability (and price?) of
tubes or their replacements. I would not be interested in depending upon
sources of old (gassy?, used?) tubes. Only if new manufacture is available
would I consider one of the old radios.

Thanks,
Devon
KK4TT

Date: 4 Oct 1995 17:35:22 GMT
From: POTEET MC <l040350@ihnp4.ucsd.edu>
Subject: Want Info on JST-245

I would appreciate any information on the JRC JST-245 transceiver. How
does it stack up compared to other rigs "in its class"? Any really
good or bad characteristics. I have read the QST review and it sounds
pretty good but I would like some other points of view.

Mike W5FTD

email: poteetmc@lfwc.lockheed.com

Date: (null)
From: (null)

PS...I am also new too this enternet thing and i have haveing fun with it
i think its neat.

End of Ham-Equip Digest V95 #490
****

2759. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <452022$bcs@over.mhv.net>
Source record: 211685

Thomas Timmons (ttimmons@ix.netcom.com) wrote:
: In <1995Oct2.211835.26501@astroatc.uucp> niemi@astroatc.uucp (Bob
: Niemi) writes:
: >
: >In article <nts.211.02ACAA0A@wolfenet.com> nts@wolfenet.com (Dean
: Heinen) writes:
: >>In article <44ene1$j5q@mksrv1.dseg.ti.com> Marty Jones <mjones@mw9>
: writes:
: >>-deletia-
: >>
: >>I don't know if others have had the good service out of Radio Shack,
: but
: >>here's a little gem.....
: >>
: >>.....showed it to the clerk/salesperson , and got handed a brand
: new
: >>one. No repair, no wait, no BS.....
: >>
: >>...Needless to say, he is a fan of the Shack's service now.
: >>
: >>Dean
: >>N7ZRS
: >
: >My first HTX-202 developed intermittant tuning with the top knob about
: a
: >week after purchase (no, I hadn't dropped it [yet]). It was replaced
: from
: >stock, no questions asked.
: >
: >In the intervening 2 years, I have dropped it 2 or 3 times, once on
: the
: >concrete garage floor. No problems resulted.
: >
: >I purchased the extended service warranty (I know I'm clumsy,
: >plus the rechargable battery pack is warranted too.)
: >
: >Bob Niemi, W9FNJ, Astronautics, Madison, WI
: niemi%astroatc.uucp@cs.wisc.edu

: I guess I haven't been so lucky with my HTX-202. The squelch circuit
: seems to "go away" every six months or so. I return it to the store,
: suffer through 20 minutes of paperwork and they send it off to repair.
: Normal turn-around time has been 2-3 weeks. Sometimes it comes back
: fixed...sometimes it doesn't. Anyway, I'm not it love with this radio

: and would be glad to get rid of it and buy a "real" ham radio like a
: ICOM or something.

: Tom Timmons, N3RHV

This is a lousy attitude. They SHOULD give you a NEW one if your having that much trouble. It's a great rig. Like ALL others a bad one gets through from time to time. I would have INSISTED on a new one the 2nd time I had problems with it.

Tom - KB2SMS

2760. FT-8500 Mod info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: John Maio <jmaio@swcp.com>
Message-ID: <4521j2$vu@sloth.swcp.com>
Source record: 211686

Does anyone have the MARS/CAP mod info for the Yaesu FT-8500?

Please e-mail or point me to a place where the mod may be
listed.

John,
WB2ARS

2761. Re: KENWOOD TH-22 ANY GOOD?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: moorhead@ionet.net
Message-ID: <45316q$ads@ionews.ionet.net>
Source record: 211687

In <451j50$veh@news.net-connect.net>, matt@net-connect.net (Matthew Smith) writes:
>Is the kenwood th-22 any good for a first radio or should i look for somthing
>else please help
>
>
>
>thanks matt ?????
>

I have a Kenwood TH-22AT, and it is a very nice radio, but it has a
slightly loose frontend... (This because I get bombarded with intermod
from pager trasmitters on the 152/157MHz band in my area)...

If you are serious about repeaters and such, I would advise getting a
dual-bander.... I wish I would of bought a dual, since I am usually
indoors, and UHF penetrates better thru brick and such...

____
|Mark ------ KC5PWW|When in Oklahoma, Listen to the Bojive RN|Power PIG|
|moorhead@ionet.net| 53.010MHz 145.49MHz 224.96MHz 444.85MHz |145.15MHz|

2762. Re: IC-706 and MARS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: faunt@netcom4.netcom.com
Message-ID: <FAUNT.95Oct5173843@netcom4.netcom.com>
Source record: 211688

Not only is use with transverters a good reason, apparently any US amateur station (including Novice or Tech?) can have reason to use ham gear on 5.1675 MHz, depending on location (97.401d).
73, doug

2763. WTD: Mods for Alinco DR130

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: marcw@kaiwan009.kaiwan.com
Message-ID: <453dr3$nbj@kaiwan009.kaiwan.com>
Source record: 211689

I have the DR130 and would like to be able to rx aircraft band. I have performed the only mod I know of which opens the tx section but the radio will only tune down to 130 mhz. If anyone knows of any mods to tune the 108 - 130 range please let me know. I know the air band is AM, but some 2m radios will rx it.

TIA,

-Marc

2764. 2m Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: d010730c@dcfreenet.seflin.lib.fl.us
Message-ID: <453enk$276@bcfreenet.seflin.lib.fl.us>
Source record: 211690

I'm getting my license soon and I'm interested in buying a handheld 2m Radio.
I've been looking into new radios and they are very nice.

Where can I find a use 2m handheld in good condition.
Somebody selling.
Please drop me a e-mail to:
Marcial007@aol.com
or
mlopez@ix.netcom.com

Thanks.

--

Marcial E Lopez / Miami, Florida
d010730c@dcfreenet.seflin.lib.fl.us

2765. HW 104 or SB 104 problems.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: Bernard Seront <seront@seism1.ess.sunysb.edu>
Message-ID: <453ont$jjk@abel.cc.sunysb.edu>
Source record: 211691

I have a problem adjusting my HW104: the vfo coil aligment is really very sharp and not stable (when I hit the vfo case). Any idea?
The receiver board in my hw104 is not the same as the one described in the manual. I've been told that it could be the same as the sb104. The only indication I found on the board is this number: 85 1931. I'am looking for any information on how to align this board, copy of the manual ...

Thank's.

Bernard, KB2TGH

2766. FT1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: dcrowe@lpl.arizona.edu
Message-ID: <dcrowe-061095120609@shino.lpl.arizona.edu>
Source record: 211692

Does anyone have experience with the Yaesu FT1000MP? It is listed as
available in stock from HRO on their web site.

Thanks,
Devon
KK4TT

2767. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct6.184949.5067@ke4zv.atl.ga.us>
Source record: 211693
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

In article <451i6l$rjv@newsbf02.news.aol.com> roy5715936@aol.com (ROY5715936) writes:
>I think that many HAM radios do not use true FM while the better type
>accepted radios (Motorola) use real FM. I do not know if true FM is a
>prerequisite for type acceptance though. Just my too-sense

The *better* Type Accepted radios (GE), use phase modulation. :-)

Actually, when the FM rig uses the proper pre-emphasis, the resulting
signals are indistinguishable from a PM signal. It just takes extra
circuitry for a FM rig to output the proper signals.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2768. gmrs radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: emichelson@nwu.edu
Message-ID: <45478c$e2r@news.acns.nwu.edu>
Source record: 211694

I am absolutely new to this group, and see a few posts re:gmrs. I would like some advice to pass along to a non-ham friend interested in buying a pair of gmrs handhelds for his busines/personal coms. I am sure this has been beaten to death in this group, but if someone could point me to an archive or FAQ, or privately e.mail me a reply with comparisons of features and a reccomendation, I would much appreciated it!

--
Edward A. Michelson
Northwestern University, Evanston, IL. USA
emichelson@nwu.edu

2769. Re: Carrier Osc Adjustment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-0610951725220001@k4dii.ksc.nasa.gov>
Source record: 211695

In article <453m4h$iug@jethro.Corp.Sun.COM>, aga@mandalay.corp.sun.com wrote:
> I have a 70's vintage ssb transceiver (Atlas 210) that I suspect has drifted out of its filter passband by a few hundred hertz. My question is what is the best way to adjust?

Tony-

Although I'm not familiar with the Atlas, I have played with the carrier oscillators in several other rigs.

More recent rigs, such as the Kenwood TS-430, have an IF shift control, that varies the carrier oscillator across the passband of the SSB filter. Transmitted or received frequency is not affected, because the same heterodyne oscillator is used to convert to and from the IF (carrier) frequency. As you may have observed, it doesn't work very well if the carrier is completely outside the filter passband.

Naturally, the best adjustment comes from using the appropriate procedure from a service manual. But, you may be able to tune it "by ear". Adjust the carrier for each sideband, while listening to signals on the air. When you are through adjusting, the noise on a quiet frequency should be about the same on both upper and lower sideband.

73, Fred, K4DII

2770. Re: No clue Hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4537eg$ees@newsbf02.news.aol.com>
Source record: 211696

In article <45296n$msa@grid.Direct.CA>, jsollows@direct.ca (Jim Sollows) writes:

>
>Here in Canada we have a new license class. It allows you to walk into
>a class on a Saturday morning without even knowing what a ham is, not
>to mention any theory, and walk out later that day with a call sign.
>The No Clue / No Code is here...pretty scary stuff.
>
>
Nothing wrong with a no clue no code as long as operating benefits are very restricted. IMHO the bigger problem is the test for higher class tickets has become too easy. In the USA, many people with no comprehension of simple dc circuits have extra's now.

While I have no problem no clue no code, I have extra problem extra dumb extra class.

73 Tom

2771. TS-120

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: cowanr@isma8.monmouth.army.mil
Message-ID: <8C7FAD2C@MHS>
Source record: 211697

I have a TS120 that is sick.
It transmits and receives ok.
The problem is an open mic/monitor on situation.
If you turn the rig on and pick up the mic and speak, without keying the mic,
sounds come out of the speaker as if the monitor switch is on.

Any suggestions?

Is there a service company on the East coast that works on Kenwood equipment?
I would like to avoid shipping the rig to the West coast if possible.

Thanks
Roland WF4P

2772. Tower: crank up & tilt : for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: Guy <boisvert@nbnet.nb.ca>
Message-ID: <45497j$14lm@darwin.nbnet.nb.ca>
Source record: 211698

65 feet Wilson crank up & tilt tower; tubular steel; with 5 element Hi Gain Beam; located in New Brunswick; Canada;

2773. Boxed Tubes FS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: dmedley@indirect.com
Message-ID: <dmedley.11.01B865D2@indirect.com>
Source record: 211699

The following tubes are all in boxes but I am NOT representing them as new
although many of them obviously are. What I am trying to say is I don't expect
anything like NIB pricesfor them. I will give preference to offers to buy this
as one lot but if you don't want to do this but are interested in specific
tubes go ahead and make an offer and I will get back to you if y\they are not
sold as a lot.
I am not trying to get rich from selling this stuff. I just want to get rid of
it so please go ahead and make any offers.
Here is the list. When no quantity is indicated this means one only.
117N7,12AX4,12SH7,12SK7(2),1A7GT,1C6GT,50L6GT(4),50Y6GTA,5691,6AQ7GT,6AU5GT(2),
6AX4GTB,6AX5GTB,6CD6GA,6DQ5(4),6DW4B,6F6,6F6G(2),6G6G(3),6GF5G,6H6,6J5WGT,
6J7(16),6J7GT(2),6J7GTB,6K6,6K6GT(10),6L6GA,6L7,6N7(4),6P5GT,6Q7,6Q7G,6SA7(6),
6SA7GT(4),6SC7(3),6SF7,6SG7(2),6SH7,6SJ7(2),6SK7(2),6SK7Y(2),6SL7GT(25),
6SN7GT(49),6SQ7(3),6SR7(5),6V6,6V6G,6V6GT(9),6W4GT,6X5GT(9),7107,7A4,7A6,7AG7,
7C5(4),7E6(4),7F7,7N7(2),7Y4,8016,807,OC3(2)
Replies please to dmedley@indirect.com

2774. BNC Woes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: Dave <peterson@fnal.gov>
Message-ID: <453q2o$foo@fnnews.fnal.gov>
Source record: 211700

Carrying my dualband HT (Yaesu FT-470) with me everyday causes considerable wear on the BNC connector. The relatively stiff dual-band antennas create large amounts of torque on the connector and eventually grind down the little nubs on the side of the connector. The antenna then wobbles, which just accelerates the deterioration of the connector. I have had center pins on the antennas break and recently lost one of the spring fingers on the outer conductor of the antenna contact.

The possibilities to remedy this problem are:

1) Continue to replace connectors and antennas. Are there high quality connectors (stainless steel, etc.) which would fit an FT-470?

2) Find a more flexible VHF/UHF dual-band antenna. Any suggestions? I would like it to have good UHF performance (i.e. 1/4 wavelength).

3) Use a different type of connector on the radio. TNC or SMA would be fine. Are there dual-band antennas available with those connectors?

Thanks,
Dave KD9IG

2775. Re: No clue Hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-06 00:00:00 UTC
From: James Brinza <jbrinza@earth.execpc.com>
Message-ID: <453eum$e80@homer.alpha.net>
Source record: 211701

jenglish@sparc1.castles.com (John English) wrote:
>Hello All;
>It appears to me from reading some of the posted questions, comments on
>this and a few other Ham related groups that many of the so called 'Hams'
>have'nt gotten a clue on many of the basic technical subjects. How these
>folks passes their test is a mistery. Maybe we need to open up another
>license class in addition to the 'No code'. We'll call it the No Clue
>Tech.
>
>73 de John KC6VLG
>PS. Yes I'm a 'no code' tech but WITH 'A clue' upgrade.

Boy dont you have a high opinion of your self!How do you think people
learn?Ask questions!! They cant all be as smart as you!
You are a no-coder should I think you are stupid because of that fact?
Im sure you passed your no code test and never looked at the published
answers.

You claim to have a clue in the last line of your post.You could sure
fool me.

GET OFF YOUR HIGH HORSE NEWBE.If you ever get a clue and pass your cw
test I will be happy to talk with you,even though Im sure you know more
about this hobby than anyone I know.(hu?? I am always willing to
learn..and more than willing to teach without putting people down)

....73......DE JIM N9KUD....

2776. Re: Wanted radio equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DG1z4G.I7q@iglou.com>
Source record: 211614

Howard Lester (hlester@nemo.as.arizona.edu) wrote:
: In article <EVERARDJM%CS03.7@cadetmail.usafa.af.mil>
EVERARDJM%CS03@cadetmail.usafa.af.mil (JOEL M. EVERARD) writes:
: >Looking for radio equipment for radio show. Need at least 2.5 mile radius.

: Gawd! That's gotta be a huge piece of equipment to have that kind of radius.

Where is this show? I want to see that big radio.
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2777. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: shc@mtsol.mt.att.com
Message-ID: <DG20oJ.Ix4@nntpa.cb.att.com>
Source record: 211615
Cross-posted to: radio.cb,rec.radio.amateur.equipment

In article <452lqf$856@helios.intranet.gr>,
Demetre Koymanakos <demetre@helios.intranet.gr> wrote:
>: screwed up here, but some local hams told me that when they (illegally)
>: use their modified HT's on a GMRS frequency, they have to hold the
>
>Can some one please tell me what GMRS stads for ???
>
>73's
>

General Mobile Radio Service

- Steve

2778. Re: FT727r mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <454mub$o58@rock101.genie.net>
Source record: 211616

clint.bradford@woodybbs.com (Clint Bradford) writes:
>That BBS, by the way, is completely free to access.

KEWL! What's the 800 number?!? :)
--
Dick Flanagan, W6OLD - (flanagan@genie.com)

2779. Second Call: Anyone get a FT-51R to talk to the BayPac

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: "W. Mark Clifford" <cliffow@wpdis01.wpaf.af.mil>
Message-ID: <454hev$e0r@blackbird.afit.af.mil>
Source record: 211617

Subject line sez it.

Followed the instructions to the letter.

Tried everything Yaesu suggested.

Tried everything BayPac suggested.

Need a success story.

73s
Mark
KB8NTR

2780. Re: GMRS radio - features/price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: davcross@omni.voicenet.com
Message-ID: <454och$iri@news.voicenet.com>
Source record: 211618
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.cb,rec.radio.amateur.equipment

roy5715936@aol.com (ROY5715936) wrote:

>I think that many HAM radios do not use true FM while the better type
>accepted radios (Motorola) use real FM. I do not know if true FM is a
>prerequisite for type acceptance though. Just my too-sense

One of the bigest differences between HAM and GMRS (Type acceptance)
is that the operator cannot enter a frequency. That is they may have
many pre-programed freq's, but they may not enter them.

Dave

2781. Re: ICOM IC-706 HF mod here.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: faunt@netcom5.netcom.com
Message-ID: <FAUNT.95Oct6172115@netcom5.netcom.com>
Source record: 211619

There was some discussion of mods to the 706 in the uk group, since
they want to make it cover 4M. Apparently it immediately switches to
the 144 MHz portion, but there's a 2M filter that kills off response
at 70MHz.
I checked with ICOM parts and they said that they don't expect the 706
Service Manual for 6 months or so. Ooof!
73, doug

2782. NEED MANUAL: Icom ic-229H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: ki7zd@chinook.halcyon.com
Message-ID: <4552f8$69f@news1.halcyon.com>
Source record: 211620

Anyone have a manual for this rig?

If so, please email me.

ki7zd@halcyon.com

--
/-/-/ ~~~~~~
| Amateur Radio Station Inet: ki7zd@halcyon.com
| KI7ZD
| WWA CN87 73's _._ .. __... __.. _.. "If RST > 519, Reduce Power!"

2783. Re: Looking for first handheld, suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: boblucas@netins.net
Message-ID: <0099780D.F3363626@netins.net>
Source record: 211621
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I had an Alinco DJ-580T, dual bander, and it was very nice. Really good buy�� for the money, I paid like $365 for it...new. Goo��d features, only sold it cause I never used the 440 section. good luck 73 Bob wa0dxz

2784. TM-721

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: "J. Fitter" <joentam@transend.com.tw>
Message-ID: <4556mh$cv8@keelung.transend.com.tw>
Source record: 211622

Hi Thor,
I recall that these rigs went for about $600 new, so $300 is a fair price if it is in working condition. I have had one of these rigs since 1988 and have had nothing but good reports from it. Feature wise, it does everything a dual-bander does today, except maybe for some of the extra fancy memory scan / dual watch functions. At 45 watts out on 2, 35w out on 440, it is also in the same power class as the new dual banders.

What I particularly enjoy about this rig is it's rock solid front end with GaAs FET preamp. It does not pickup the intermod and garbage like the newer Kenwood dualbanders. It can be modded for cross band repeat, and wide band tx/rx. Kenwood later came out with the TM-731A, which had an LCD display (easier to read in a sunny vehicle) and better memory scan features. Kenwood also sold an upgraded LCD display to be added to the 721A. I never added it...maybe you can find one out there still for about 20 or 25 bucks.

Hope this info helps. 73 Joe BV2/N0IAT in Taipei, TAIWAN (Formosa)

2785. Kenwood TH-79A (D)-HP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: John <krypton@sierra.net>
Message-ID: <4550p9$4lh@jobes.sierra.net>
Source record: 211623

Is this a good first time radio? I would like some pointers to
look for in choosing a good first time radio.

JOhn

2786. Re: Recomend 2m Base Station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: boblucas@netins.net
Message-ID: <0099780F.00ABD4C2@netins.net>
Source record: 211624

r��e a 2m all mode, I have had a few...�the TS700 is still quite popullar,
and I think � is avail able in a digital readout�� as well as linear, but
digital is much p�
dipreferred for accuracy...10 watts, and Yaesu made an FT221. pretty much thesame type radio...but I think non digital.
Moving along, I have had the
Yaesu 290 and 690 series, the compact (mobile size) all moders, 10 or
even 25 watts, very few features. Now have a 736R, one of the � big boys,
but it was a lot of bucks. Look at the KW 575 series, or what ever they are...all mode, modern, and you can get them
10w or 100�w. Several for sale in
rec.radio.swap sometimes... 73�� Bob

2787. Help w/vertical loading

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: boblucas@netins.net
Message-ID: <00997810.7E9452EB@netins.net>
Source record: 211625

I have "inherited " a 60 foot tall 160m ver�tical, which is simply a 60 ft tall pipe, insulated from ground...can you give me an idea of what type of loading coil I might need? How about trying �40 turns of about 3 inch wound coil, and just ta�pping the coil til it is close to SWR? Will I need a small tuning c�apacitor? what value/size? thanks... Bob

2788. Re: Antenna Tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: boblucas@netins.net
Message-ID: <00997810.F290627F@netins.net>
Source record: 211626

�ul have used MFJ tuners in the past, the 300 w. variety, (am using one now) and have had no problems with it, as long as it is NOT used on 160 meters. Also, MFJ is quite good about refunding/fixing the problem...if ya get something that doesnt work, they replace or repair it, free. no arguments. MFJ product has greatly improved over the last few years. good luck Bob

2789. George G. Scott Where Are You??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: pmn@tharp.demon.co.uk
Message-ID: <pmn-0710951402360001@tharp.demon.co.uk>
Source record: 211627

Geogre Can you e-mail me with your current e-mail address
re:Motorola MX3160

Ron (N2YSV)

2790. Re: Antenna Tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <4562ke$etv@ixnews6.ix.netcom.com>
Source record: 211628

In <DFvLyw.M1H@news.zippo.com> John Greene <John_Greene@hgsi.com>
writes:
>
>Can anyone give me some advice on what antenna tuner to buy? I have
>heard one ham complain that the MFJ's were a bit flimsy and overly
>sensitive (difficult to tune). I know Tucker makes tuners - are there
>any other 300W tuners people would recommend? Thanks for the help!
>
> Joh
, N3VLL
>
>
I have used nothing but MFJ Tuners for a number of years and all have
worked very well for me. I did buy their Differential T tuner but
returned it and bought the Versa Tuner III instead. The Differential
T's roller inductor was nowhere near smooth and the counter was driven
with a rubber belt making it susceptable to errors from slipping. That
is the only tuner I would not recommend in the MFJ line.

My Versa Tuner III is great and easy to tune. Have used it on all
bands from 10 to 160.

Regards,

Duffy - WB8NUT

2791. Re: Looking for HTX-212 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: sylvestre <sylvestre@pandore.qc.ca>
Message-ID: <456b2o$4d4@volcano.jrv.qc.ca>
Source record: 211629

Hello here is VE2VB I'm afraid that there is no mods possible
for this radio. The one I was looking for is to store out of ham band
frequency into memory.

Tandy said there is no way it could be done !

73 Benoit VE2VB@AMSAT.ORG

2792. RC-85 Repeater Controller from ACC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: p001309b@pbfreenet.seflin.lib.fl.us
Message-ID: <456dak$5l0@bcfreenet.seflin.lib.fl.us>
Source record: 211630

Does anybody have information regarding ACC. I have heard that they went belly up. Does anybody have any info on the RC-85 repeater controller regarding parts availability. Any info would be helpful - especially their I-net address (if they still have one). Thanks-

--

Dennis Hawkins
n4mwd@amsat.org

2793. Mods to FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: chuckflo@aol.com
Message-ID: <456l2o$hje@newsbf02.news.aol.com>
Source record: 211631

Does anyone know how to modify the FT-51 so it can transmit out of band?
Is this possible? Any info would be a big help. Thanks.

ChuckFlo@aol.com

2794. IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: ab910@lafn.org
Message-ID: <1995Oct7.195457.11488@lafn.org>
Source record: 211632

I bought my 706 thinking it, like other Icom radios, did out of band receive and transmit with acceptable spec's. WRONG!!!

My 706, like others on the net, is deaf as a post beyond the 2m ham band. 162.550 weather is loud and clear on my RS 2006 scanner with the built in whip. The 706 hears nothing there even when connected to my discone up 25 feet! On 154.830, LAPD Tac, my 2006 again can hear the action loud and clear, sometimes without ANY antenna......the 706 hears nothing.
And, the corker for me, a 1Kw paging transmitter less than a quarter mile away is off the scale on every radio I've ever had antenna or not. The 706 on the discone gets it at 1/2 scale!!! (And no, that's not it.)
Now, perhaps Icom put a hidden gadget in there to help with bleed over into the 2m band. Why did they not tell anybody this? I got the 706 to hear the VHF stuff a TS-50 can't. Now I find it can't either!!
I have the mod. for below 50Mhz to enable transmit everywhere. I haven't done it yet and probably won't. I really like the little radios other features but with this big a flaw it's going back to the candy store come Monday. Unless there's a mod. for VHF receive it goes, as I can't afford a $1299 sculpture !

Pissed At Icom
(AKA KC6UBM)

--
There are men whom one hates until a certain moment when one sees, through a chink in their armor, the writhing of something nailed down and in torment. Kersh

2795. Re: No clue Hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <455608$5s8@newsbf02.news.aol.com>
Source record: 211633

In article <4544lh$163k@usenetw1.news.prodigy.com>, VUBS79A@prodigy.com
(Drew Durigan) writes:

>
>By making a statement like this, you have just proven that you're just as

>arrogant and misguided as the other guy is. A perfect example of what's
>wrong with amateur radio today.

Amateur radio? Or do you mean the world in general?

2796. Need Kenwood TR-7950 manu

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: darryl.linkow@ledge.com
Message-ID: <8B292BB.01B4002EFF.uuout@ledge.com>
Source record: 211634

Hello all and thanks for reading this message. I am looking for
a copy of the owner's manual for a Kenwood TR-7950 2 Meter rig for
a friend of mine, KE6JWQ, who does not have Internet access. If
you have one to sell, please let me know. Or, if you can make a
photocopy, he would gladly pay for copying and postage. Please
leave me a message here if you can help.
73, Darryl KE6IHA

---
* OLX 2.2 * Darryl Linkow (818)346-5278 9 am - 5 pm PDT

2797. Timewave Technologies Tech Support

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: nj0m@primenet.com
Message-ID: <455000$40u@nnrp2.nfs.primenet.com>
Source record: 211635

I try to put this out every now and then for the reader's who don't get here often.

I am the Product Engineer at Timewave Technologies. If you have any questions about their products, I'm your man. Feel free to e-mail me nj0m@primenet.com or call me at work (612) 452-5939. Eventually, we'll get our e-mail going at Timewave and you'll be able to reach me there.

Despite the required employee loyalties, you'll find me to be pretty objective...HI. 73, John, NJ0M

Warning! Trespassers will be SHOT! Survivors will be SHOT again!

2798. Re: Help w/vertical loading

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: nmcewen@fohnix.metronet.com
Message-ID: <456ui7$rtr@fohnix.metronet.com>
Source record: 211636

: I have "inherited " a 60 foot tall 160m ver�tical, which is simply a
: 60 ft tall pipe, insulated from ground...can you give me an idea of what
: type of loading coil I might need? How about trying �40 turns of
: about 3 inch wound coil, and just ta�pping the coil til it is close to SWR?
: Will I need a small tuning c�apacitor? what value/size? thanks... Bob

Bob, you can use a simple arrangement with a coil only. Tie one side
of the coil to the vertical. Tie the other side of the coil to ground.
tap down on the coil to resonant the system on 1.8mhz. then tap up from
ground to find 50 ohms to match your coax. So you need two taps, one on top
to resonant and one on bottom to match. I have used this one time to
resonate a 50 ft. pole on 160 meters. It also worked fine on 80 meters.
Good Luck, 160 meters is a fun band.
--

73 de K5RW - Neal McEwen - Richardson, TX (Dallas)
******** I collect old telgraph and wireless telegraph keys *********
HomeNet - nmcewen@metronet.com - OS/2 tcp/ip SLIP
HomePage - http://fohnix.metronet.com/~nmcewen/techno_weenies.html

2799. Bid wanted on IC-781

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: egroen@inter.NL.net
Message-ID: <DG3nL6.7Fq@inter.NL.net>
Source record: 211637

```
Hi there, a friend of mine has an IC-781 for sale.
Can be delivered in Warsaw, Berlin or Amsterdam or anywhere inbetween
ofcourse. If you are interested let me know.
Enno
egroen@solair1.inter.NL.net
CU
```

2800. Re: IC-738 Modifications Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: dkelly@iquest.com
Message-ID: <dkelly-0710951840180001@dkelly.iquest.com>
Source record: 211638

In article <452auo$2i1@ixnews6.ix.netcom.com>, amnet@ix.netcom.com (ANDRES MARTINEZ) wrote:

> Has anybody seen modifications for the Icom IC-738?
>
> I have not found anything for some time.

I don't have any mods but would ask, "what do you want to change?" Those who figure out how to mod a radio start with the desire for it to do something different. Then they find a way.

I'd like to enable wideband Rx on my IC-820H as the ability to copy NWS weather would enhance its use in emergencies. I haven't wanted this mod bad enough to hack on my pretty radio.

73,
--
David Kelly N4HHE, n4hhe@amsat.org, dkelly@iquest.com
==
The human mind ordinarily operates at only ten percent of its capacity -- the rest is overhead for the operating system.

2801. Re: IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDG3qJC.M1x@netcom.com>
Source record: 211639

In article <1995Oct7.195457.11488@lafn.org> ab910@lafn.org (M. Davies) writes:
>receive and transmit with acceptable spec's. WRONG!!!
>
>My 706, like others on the net, is deaf as a post beyond the 2m ham band.

I too lament this problem! The spec sheet says "some freqs not meeting full spec" or something like that, but it is actually not useful as a receiver beyond 148 MHz.

73 Dave WB0GAZ dgf@netcom.com

2802. Re: Antenna Tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4575du$mps@newsbf02.news.aol.com>
Source record: 211640

In article <4562ke$etv@ixnews6.ix.netcom.com>, gamma7@ix.netcom.com (J. Duffy Beischel) writes:

> know Tucker makes tuners - are there
>>any other 300W tuners people would recommend? Thanks for the help!
>>
>>
Joh
>, N3VLL

John,

If you don't like the MFJ, you really won't like the Tucker. It is a "Chinese copy" of the MFJ!

73 Tom

2803. Pearce Simpson Bimini 25

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: cingersn@bdam.win.net
Message-ID: <83@bdam.win.net>
Source record: 211641

I bought a Pearce Simpson Bimini 25 VHF Tranceiver at a hamfest but got no schematic or manual with it. All of the crystals were handed to me in a plastic bag. There are no markings on the crystal sockets to tell me what goes where. Does anyone have a schematic laying around for this radio. I would like to convert it to 2 meters.

Any assistance would be greatly appreciated.

73
Carl N1DXM
cingersn@bdam.win.net

2804. Re: RC-85 Repeater Controller from ACC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: ir002932@interramp.com
Message-ID: <NEWTNews.21987.813123696.ir002932@interramp.com>
Source record: 211642

In article <456dak$5l0@bcfreenet.seflin.lib.fl.us>,
<p001309b@pbfreenet.seflin.lib.fl.us> writes:
> Path:
interramp.com!interramp.com!psinntp!psinntp!gatech!usenet.eel.ufl.edu!news.ul
tranet.com!zombie.ncsc.mil!simtel!news.sprintlink.net!newsfeed.internetmci.co
m!delmarva.com!udel!darwin.sura.net!bcfreenet.seflin.lib.fl.us!pbfreenet!p001
309b
> From: p001309b@pbfreenet.seflin.lib.fl.us (Dennis Hawkins)
> Newsgroups: rec.radio.amateur.equipment
> Subject: RC-85 Repeater Controller from ACC
> Date: 7 Oct 1995 17:27:48 GMT
> Organization: SEFLIN Free-Net - Palm Beach
> Lines: 10
> Message-ID: <456dak$5l0@bcfreenet.seflin.lib.fl.us>
> NNTP-Posting-Host: pbfreenet.seflin.lib.fl.us
> X-Newsreader: TIN [version 1.2 PL2]
>
> Does anybody have information regarding ACC. I have heard that they went
> belly up. Does anybody have any info on the RC-85 repeater controller
> regarding parts availability. Any info would be helpful - especially
> their I-net address (if they still have one). Thanks-
>
> --
>
> Dennis Hawkins
> n4mwd@amsat.org
>
>
Hello Dennis,

I understand that Linkcomm had purchased ACC, along with their parts, and
was going to support ACC users. However, now I have been told that they
are not receptive to old ACC users trying to get replacement parts. I
guess all they intended to do was sell there goods whenever an ACC went
belly up.

2805. George G. Smith Where Are You?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: pmn@tharp.demon.co.uk
Message-ID: <pmn-0710951407550001@tharp.demon.co.uk>
Source record: 211643

George,
Sorry for geting your name wrong in the last posting.
Can you e-mail me with your current e-mail address
re:Motorola MX360

Ron (N2YSV)

2806. 486-33 Laptops for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: rhl@interaccess.com
Message-ID: <rhl.137.00087AD3@interaccess.com>
Source record: 211644

I have two SAGER 486-33 laptops for sale.
Each is LCD with 120MB (dblspaced to 200+),
1.4mb floppy and 8MB ram.
CPU is true 486-33DX.

Each unit includes two good batteries,
an AC charger, and a leather case.

One unit has an intermittent floppy
and includes a new replacement drive
which hasn't been installed yet.

The distributor, SAGER, has current
parts and appears to be able to
continue support.

Reason for selling: No longer needed.

Price: $750 per unit, FIRM!

Units will be delivered UPS COD,
cash only. No warranty; units are
in working condition and are sold
as-is.

Please respond via e-mail.

****
* *
* AutoMate Coporation Tel: 708-676-4636 *
* Robert H. Lieberman Fax: 708-676-4699 *
* 9027 Sleeping Bear Road BBS: 708-676-4789 *
* Skokie, IL 60076 USA rhl@interaccess.com *
* *
****

2807. HyTower problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <dnorris.51.006C6E94@k7no.com>
Source record: 211645
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

I have a HyTower antenna which is tuning off freq... E.g.

40M 6700 kHz
20M 13500
15M 20600
10M 27800

Any Ideas as to why it would be tuning gennerally long on all bands?

TIA

deaNO

s/Dean Norris,
Amateur Radio Station K7NO
dnorris@k7no.com or dnorris@syspac.com
Phlogiston IS!

2808. Icom 735 vs. Ten Tec rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: davev@atkc.COM
Message-ID: <9510070511.AA24487@venus.atkc.com>
Source record: 211646

I am looking to upgrade from the Icom 720 a which has been my HF
rig for the last year or so.

I have been contemplating an Icom 735, but I have heard very good
things about the TenTec line.

Goals:

Very good CW performance - I haven't run voice in about 9 months.
Clean transmitter with no clicks or chirps. Good static
rejection, good filtering for picking them out, etc.

Good rejection of transmitters on nearby frequencies. The Icom
seems to pick up intermod.

Low TVI - I live in an apartment.

Reasonable price. I think the XYL will allow me to swing for the
difference between the 720 A and the 735. (Figuring the 735
costs between $650 and $700.)

Reliability - I won't have a second rig.

Support and service - if it breaks I will need to get it fixed
for a reasonable price. I'll probably be running the rig for
MANY years.

WARC ham band coverage, but not reception on all the shortwave bands.

Has SSB with reasonable receive and transmit quality in case I
need it for emergency net use.

Easy to operate. A basic rig. Doesn't have to do FM, packet,
or any other fancy mode. Doesn't need a lot of bells and
whistles.

Must be able to take a bad SWR, at least long enough to realize
that it is there. In case the two year old yanks the antenna
connections again.

Compact size a plus, but I don't run mobile.

All digital, all solid state.

No memory batteries that will suddenly leave the rig dead.

Personal opinions, dealer inquiries, etc. requested.
==========
This message does not constitute any official or unofficial statement or

policy of American Turnkey or any other organization, corporation or
institution.

David P. van De Kerk Manager, Systems Integration
American Turnkey Santa Ana, CA USA
714-557-9050 x-207 voice 714-557-9056 FAX davev@atkc.com
KE6GXD

2809. Returned mail: warning: cannot send message for 4 hours

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: MAILER-DAEMON@uoknor.EDU
Message-ID: <199510071645.LAB24649@ooz.backbone.uoknor.edu>
Source record: 211647

```
This is a MIME-encapsulated message

--LAB24649.813084347/ooz.backbone.uoknor.edu

*********************************************
** THIS IS A WARNING MESSAGE ONLY **
** YOU DO NOT NEED TO RESEND YOUR MESSAGE **
*********************************************

The original message was received at Sat, 7 Oct 1995 07:43:11 -0500
from aardvark.ucs.uoknor.edu [129.15.10.11]

----- The following addresses had delivery problems -----
<arees@elect4.uoknor.edu> (transient failure)

----- Transcript of session follows -----
<arees@elect4.uoknor.edu>... Deferred: Connection timed out with elect4.chem.uoknor.edu.
Warning: message still undelivered after 4 hours
Will keep trying until message is 5 days old

----- Original message follows -----

--LAB24649.813084347/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@UCSD.EDU
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with ESMTP id HAA23609 for
<arees@elect4.uoknor.edu>; Sat, 7 Oct 1995 07:43:11 -0500
From: Ham-Equip@UCSD.EDU
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HW5GBEDZE8001KK4@aardvark.ucs.uoknor.edu>; Sat,
07 Oct 1995 07:45:07 -0500 (CDT)
Date: Sat, 07 Oct 1995 07:45:07 -0500 (CDT)
Subject: Ham-Equip Digest V95 #493
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HW5GBEFL9U001KK4@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@UCSD.EDU"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@UCSD.EDU>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HW5GB8FNCG002RTE@aardvark.ucs.uoknor.edu>; Sat,
07 Oct 1995 07:45:00 -0500 (CDT)
```

Received: by mail.ucsd.edu; id EAA13935 sendmail 8.6.12/UCSD-2.2-sun Sat,
7 Oct 1995 04:30:24 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id EAA13929 sendmail 8.6.12/UCSD-2.2-sun Sat,
7 Oct 1995 04:30:23 -0700 for ham-equip-ddist
Date: Sat, 07 Oct 1995 04:30:22 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@UCSD.EDU>
Subject: Ham-Equip Digest V95 #493
Sender: ham-equip-relay@UCSD.EDU
To: Ham-Equip@UCSD.EDU
Errors-to: ham-equip-relay@UCSD.EDU
Errors-to: Ham-Equip-Errors@UCSD.EDU
Reply-to: Ham-Equip@UCSD.EDU
Message-id: <199510071130.EAA13929@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Sat, 7 Oct 95 Volume 95 : Issue 493

Today's Topics:
Do you use technology in your club? Please read
HW 104 or SB 104 problems.
IC-706 and MARS
ICOM IC-706 HF mod here.
TS850S/AT + ACCESS FOR SALE
Wanted radio equipment

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 4 Oct 1995 23:47:04 -0400
From: aruss36461@aol.com (ARuss36461)
Subject: Do you use technology in your club? Please read

I have been asked to research how different amateur radio clubs
make innovative use of technology to communicate to, and with
their members. I have volunteered to research this issue for the
Montgomery Amateur Radio Club in Maryland. My goal is to present
a report to the membership on how others are using packet, the
internet, BBS services, voice mail, and even programmed repeater
announcements to keep the flow of information in front of the
members. I feel strongly that the time has come to consider the

club newsletter as only one vehicle for the dissemination of
information. Your comments are appreciated. If you are a member
of a club, please share with me what your club does, or what you
wish they did do.

When all responses are compiled I will make the total file
available for anyone who wishes to see it.

Thank You.

73

Avery N3TOU

Avery
Compuserve 75105.462@compuserve.com (Alternate Address)

Date: 6 Oct 1995 17:24:13 GMT
From: Bernard Seront <seront@seism1.ess.sunysb.edu>
Subject: HW 104 or SB 104 problems.

I have a problem adjusting my HW104: the vfo coil aligment is really very sharp and
not stable (when I hit the vfo case). Any idea?
The receiver board in my hw104 is not the same as the one described in the manual.
I've been told that it could be the same as the sb104. The only indication I found
on the board is this number: 85 1931. I'am looking for any information on how to
align this board, copy of the manual ...

Thank's.

Bernard, KB2TGH

Date: 5 Oct 1995 16:52:28 GMT
From: wm8s@citynet.net
Subject: IC-706 and MARS

> frederick.mckenzie-1@kmail.ksc.nasa.gov (Fred McKenzie) writes:
>
> If someone who has already received their new IC-706, would check out the
> actual transmit coverage, they might ease the minds of potential MARS
> users.

The actual frequency coverage is pretty limited: just a few KHz outside the
HF bands and *nothing* on 2-meters (i.e., 144-148 only). Mine arrived this
week. The RF section is not so hot on 2-meters, so don't throw away your VHF
radio. But for the package size, I got exactly what I expected.

Rob Bailey, WM8S (wm8s@citynet.net) Kanawha / Charleston
Bailey Computer Systems Radio Amateur Civil Emergency Service

---

Date: Fri, 6 Oct 1995 22:20:45 GMT
From: ab910@lafn.org (M. Davies)
Subject: ICOM IC-706 HF mod here.

This is the 50Mhz and down mod. I myself need the above 50 mod.

All those alergic to surface mount quit now.

The 706 has five diodes on the main board (just to the right of the
orange ribbon cable connection and to the left of part R-198)
in a row, unmarked. The one you need to remove is D-59, second from the
left (with the speaker side up and tuning knob facing you.) in that left
to right row.
Caution: removing this diode might disable further mod's (unless you
can remove it whole and reuse it.) and WILL void the warranty.
Mail me any further mod's you find.

This mod. came from a trusted dealer in LA.
I have not done it yet myself.

Good luck.
M. Davies

--
There are men whom one hates until a certain moment when one sees,
through a chink in their armor, the writhing of something nailed
down and in torment. Kersh

Date: Wed, 4 Oct 1995 16:30:40
From: thooker@psl.nmsu.edu (Tracy Hooker)
Subject: TS850S/AT + ACCESS FOR SALE

Hi everyone,

I posted this rig last week, and had a great response.
However, nobody purchased the radio! So, I must have
the price too high. I am also now willing to seperate
the components:

TS850S/AT: The basic radio with the automatic antenna
tuner. Comes with two optional filters, the 500Hz
CW and the 1.8KHz (i think) SSB filter. In excellent
condition, with box and manual. Asking $1325

Kenwood IF232C: RS232 interface for above radio. However,
I dont have the book on this. Asking $60

Kenwood SP31external speaker, with passive filters built in
No box or manual. Asking $50

Kenwood PS430 external power supply. Asking $100

What I did to price these accessories is take the current HRO price
and divide by 2. The TS850 price from HRO is over $1800 with those

filters, so guessed at what a fair market price would be.

One OM asked for just the filters, so if somebody wanted the radio
without filters, I would be willing to sell individually.

All offers considered.

Thanks,
Tracy
KA5ECS

Date: 4 Oct 1995 23:21:58 GMT
From: hlester@nemo.as.arizona.edu (Howard Lester)
Subject: Wanted radio equipment

In article <EVERARDJM%CS03.7@cadetmail.usafa.af.mil> EVERARDJM%CS03@cadetmail.usafa.af.mil
(JOEL M. EVERARD) writes:
>Looking for radio equipment for radio show. Need at least 2.5 mile radius.

Gawd! That's gotta be a huge piece of equipment to have that kind of radius.

End of Ham-Equip Digest V95 #493
****

--LAB24649.813084347/ooz.backbone.uoknor.edu--

2810. How to Get Free Cable Premium TV .. LEGIT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-07 00:00:00 UTC
From: md@goodnet.com
Message-ID: <DG2vI4.3tw@goodnet.com>
Source record: 211648

First I want to say I am sorry that this has nothing
to do with the topic of this group. You may see this
message in other newsgroups, the reason is I am subscribed
to those too so please don't flame me. I have been posting
and reading to this group for a while. I just wanted to
let you people out know there is a way to get Cable TV for
FREE. I recieve this letter in the mail from a friend
that had told me it works. I gave this to one of my friends
and he had free cable in his house within 20 mins. I have not
tried this method yet but may soon try if my cable goes up in
price. If anyone would like a copy send the following to the
address below.

Address Envelope to:

FreeStuff
9393 N. 90th St.
Suite 102-289
Scottsdale, AZ 85258

Enclose in the envelope:

Send...

$1.00 U.S MONEY *** NO COINS *** NO CHECKS ***
inside a sheet of carbon paper or construction paper,
and send a *self-addressed*,*stamped* envelope to the
address above.

Thanxs,
Just think if you pay 30$ + a month. 1$ will save
you 359 + dollars a year.

2811. Power Supply for HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: ag001@lafn.org
Message-ID: <1995Oct8.040156.14490@lafn.org>
Source record: 211552

Any problem of using a 13v dc power supply putting out 10.4w
with an HTX-202? It's actually a cell phone intellicharge power
supply; could it double as a p.s. for an HTX-202? Any ideas?
I don't know what the amperage is though, not listed.
Thanks,
Abe
KE6OCM
--

2812. Re: TS-120

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: "Roy D." <red127@psu.edu>
Message-ID: <457k4b$10so@hearst.cac.psu.edu>
Source record: 211553

Sorry I can't help with your problem but in regards to the service I hear Groton Electronics in Groton Conn. (508-448-3322) is an excellent repair outfit. A friend recently had his TS-930 returned from Kenwood saying parts were not available and that the rig could not be fixed. The folks at Groton fixed it in 1.5 hrs. I have another friend in FLA. who got the EXACT same story on her 930. We're going to ship it up north and see what happens.

Good luck. 73

2813. Re: IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <457mu7$i5r@news.halcyon.com>
Source record: 211554

I would suppose ICOM could open the receiver and let the world in. Maybe it is better this way. I have a scanner for the weather channel. I don't need a 1299.00 radio to tell me if ti is going to rain. My $ 50.00 scanner can do that.

Gary

2814. Re: IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: GCLL54A@prodigy.com
Message-ID: <457qru$1lbi@usenetw1.news.prodigy.com>
Source record: 211555

Unbelievable! All you hear are people complaining about intermod
on
VHF radios, and wishing the mfgrs would do something to eliminate it.
One mfgr does something, and they complain about that too!

2815. Re: Power Supply for HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: danb@a.crl.com
Message-ID: <457sfm$nqu@nntp.crl.com>
Source record: 211556

ag001@lafn.org (Abraham Stavsky) wrote:

>Any problem of using a 13v dc power supply putting out 10.4w

That power supply puts out 800 mA, which is not enough to power the -202 on its high power setting (needs 1.1 A), but it should work for the low-power setting, which needs only 460 mA, according to the owner's manual.

BTW, Amps = Watts / Volts (at least with DC). This was on the Tech test, I thought, but I could be mistaken. Anyway, that's where the 800 mA comes from.

--
Dan Brown, KE6MKS
danb@a.crl.com, NOT danb@crl.com
Don't tread on me.

2816. FS: ICOM 32AT Dualband Handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: timpayne@minn.net
Message-ID: <timpayne-0810951204140001@dialup-30.minn.net>
Source record: 211557
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I have a ICOM IC-32AT Dual Band HT in MINT condition. It comes with the BC-35 drop-in charger, case, and extra batteries. I have all the original boxes and manuals for all items. The ICOM factory service manual is also available and is very nice for reference and repair.

Price: $375.00

Leave me an EMAIL or I can be contacted during the week @ 612-726-2848 after 4:00PM till 11:00PM central time...I work second shift...

-Tim
-N9ABK

--
Tim Payne
N9ABK - Eagan, Minnesota
Twin Cities Radio Club
FirstClass BBS
612.686.7598 - 28.8 V.34

2817. TS-450AT Memory Access

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: mccarthy@srv1.freenet.calgary.ab.ca
Message-ID: <457vrn$1d7k@ds2.acs.ucalgary.ca>
Source record: 211558

Is it possible to access a memory channel directly on the TS-450AT? Let's say you are tuned in on memory channel 5 and you wish to go to memory channel 30. Can you go there directly or do you have to step through every channel on the way? Direct access is possible on the TS-440 and on many hand helds. This feature is important to amateurs with poor or no sight. Thanks and 73

2818. Any comments on ICOM IC740 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: s118462@korppi.cs.tut.fi
Message-ID: <458lgr$cii@peippo.cs.tut.fi>
Source record: 211559

Hi,
I would like to hear any comments on this IC740 hf-rig, both positive and negative facts about this model are very welcome. Also if you have some nice modifications to this rig, please post them to me.
I'm interrested in all data about this rig because I'm thinking to bay such a rig. The rig seems to be in very good condition (no scratches, original manual still icluded ...) and it is equiped with CW-filter.
And the price is also quite reasonable in our local scale.
Bottom line is: would YOU by it?

Mikko, OH8JMX
s118462@cs.tut.fi

2819. Re: FT-51R software cloning (and extended receive freqs)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: Scott Lawrence <lawrence@en.com>
Message-ID: <458l9j$hnb@antares.en.com>
Source record: 211560

crum@xmission.com (crum) wrote:
>Hi everyone, can the FT-51R be controlled from a computer to the extent
>of changing active settings, such as the frequency the radio is currently
>receiving, or turning on and off cross-band repeat? Or, is the computer
>interface limited to programming things like memory settings?
>
>Thanks, just wondering what the computer interface includes. I don't suppose
>that it is the same interface that is supported by the big 736R radio,
>and the FT-8500 with FIF-232C RS-232C interface, is it?
>
>Thinking of getting an FT-51R to replace my lost Alinco DJ-580T.
>The think I like most about the 51R is the phone-style separate microphone
>and speaker, for full duplex use.

I just bought a ft 51r and the software. It's my first rig, so I'm not
completely fimaliar with the purposes of all the features. From what I
can tell its a great radio.

All that is included with the software is a disk and the serial cable. IT
works with a few other yaseu radios, I don't it works with any you
mentioned.
This is how it works. Open the program, set your memories, offsets, pls,
tx power, battery saver, etc etc. Then you download the info to the
radio. Everything appears on the radio. It's not an active controll in
that you use the computer to change freqs while your talking.

Hope that helps a little

Scott

2820. FS:Standard C5718DA 2M/440 Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: kat <sawzall@hellfire.dusers.drexel.edu>
Message-ID: <458lka$bnf@netnews.upenn.edu>
Source record: 211561

Standard C5718DA 2M/440 Dual Band Mobile. Has memory upgrade for 200 channels. Comes with Diamond X-200 2M/440 base antenna and Diamond NR-770H-NMO 2M/440 mobile Antenna. Rarely used. $800.00 Make me an offer, I need to pay for an engine rebuild!

A friend is posting this for me so you may get a quicker response if you give me a call at (215) 471-3693. Before 10PM EDT please.

2821. FS:Yaesu FT-757GX HF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: kat <sawzall@hellfire.dusers.drexel.edu>
Message-ID: <458lt5$bnf@netnews.upenn.edu>
Source record: 211562

Yaesu FT-757GX HF transceiver and FP757HD heavy duty power supply.
Rarely used with all manuals and original boxes. $600.00 Make me
an offer, I need to pay for an engine rebuild!

A friend is posting this for me, so you may get a quicker response
if you give me a call at (215) 471-3693. Before 10PM EDT please.

2822. FS:MFJ-1278 Multimode TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: kat <sawzall@hellfire.dusers.drexel.edu>
Message-ID: <458m8o$bnf@netnews.upenn.edu>
Source record: 211563

MFJ-1278 Multimode Data Controller. Has 1200bd modem and ugraded
eprom, release 3.4. With original box, software and cables.
$175.00 Make me an offer, I need to pay for an engine rebuild!

A friend is posting this for me, so you may get a quicker response
if you give me a call at (215) 471-3693. Before 10pm EDT please.

2823. Re: Need Info on Yaesu FT900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: cpeckham@igs.net
Message-ID: <458tp5$d30@nntp.igs.net>
Source record: 211564

In article <44v66u$4is@pcnet2.pcnet.net>, nema@pcnet.com says...
>
>I am thinking of purchasing a Yaesu FT900/AT and would like any
>information from personal experience good or bad. I would be using it
>for a base rig with ocassional in feild mobile opperation.
>
>Thanks in advance
>
>Richard Lubash

Ihave had a ft900/AT for about one year and use it mostly mobile. In my jeep with an Outbacker antenna I have found the performance to be very good and I have no complaints.

Last April I took it with me to the virgin Islands and used it on a sailboat for a couple of weeks. Worked great.

I think it would make a good base station as well as mobile. For base use you might want to upgrade the filter to the crystal filter instead of the ceramic but it shouldwork very well.

Clarence NT7V/VE3

2824. Re: No clue Hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: "Thomas C. J. Sefranek" <wa1rhp@wa1rhp.iii.net>
Message-ID: <458ue5$snp@news.iii.net>
Source record: 211565

Your Right!

I guess I'm one of those NO clue hams.

When I was 18 I had a clue, and a life.

Now, after degrees, and too many years of actually
"doing" what I thought I had a clue about...
I discover I have not enough clue.

I guess I'll spend the rest of my life getting clue,
but that's O.K. It's IMHO better than NOT knowing
I DIDN'T HAVE A CLUE!

Oh yes, this ham radio hobby is NOT just about technology.

Tom

2825. Re: HW 104 or SB 104 problems.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: "Thomas C. J. Sefranek" <wa1rhp@wa1rhp.iii.net>
Message-ID: <458uj8$snp@news.iii.net>
Source record: 211566

Well Bernard,

2826. Re: HW 104 or SB 104 problems.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: "Thomas C. J. Sefranek" <wa1rhp@wa1rhp.iii.net>
Message-ID: <458und$snp@news.iii.net>
Source record: 211567

Huh?

Did I do that? (Damn PC's!)

Sorry Bernard, There is a Heath HW-101 and a SB-102 and a SB-104.

The HW-101 had bad microphonics, hammer the case, get the VFO to
move... No real good fixes, so heath re-designed the VFO!

Tom

2827. unsubscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: BRICKEY_PETER@Tandem.COM
Message-ID: <199510080748.AA15673@gateway.cpd.tandem.com>
Source record: 211568

unsubscribe

------------ ORIGINAL ATTACHMENT --------
SENT 10-06-95 FROM SMTPGATE (ham-equip@UCSD.EDU)

Ham-Equip Digest Fri, 6 Oct 95 Volume 95 : Issue 491

Today's Topics:
Alinco DJ160 Mods
Anyone modified FT-757GX?
FCC licenses
FS:Icom R71A,IC730,551D
FT51R - software R&T Systems
IC-706 and MARS
IC-706 User Review
KENWOOD TH-22 ANY GOOD? (2 msgs)
Kewood TM 742/642 Unrepairable????
No clue Hams
Quality of Kendecom/ Mark 4 rptr ??
Service manual for a Icom 275 H***
subscribe
TCS xmtr
TO THE COWARDLY LITTLE NET-COP (2 msgs)
TS-120

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 4 Oct 1995 14:38:47 -0700
From: marcw@kaiwan009.kaiwan.com (Marc K. Whisman)
Subject: Alinco DJ160 Mods

Marc K. Whisman (marcw@kaiwan009.kaiwan.com) wrote:

: I'll find time
: today to call Alinco and see what they say but I suspect thay will either
: tell me to send it in for $$$ or that it is not possible. What ever,
: I'll post it here.

I did call Alinco and was told that the radio couldn't rx aircraft. They also told me that they wouldn't tell me if it could! They have basically taken the position that the radios are what they are, and won't advertise that they can be modified to even rx out of band. They also said they won't modify or discuss modifications due to the FCC.

Regards,

-Marc

Date: Mon, 02 Oct 1995 11:55:56 GMT
From: jukka.virtanen@teleste.fi (Jukka Virtanen)
Subject: Anyone modified FT-757GX?

I am using my FT-757GX a lot for AM signal reception in medium waves (500-1700 kHz) but I have found that the performance of the receiver section is quite poor. I have modified the preamplifier to operate under 1500 kHz to add sensitivity. To make receiver more selective I have added an extra AM filter (Murata 2.7 kHz) to the 455 kHz IF section but in both cases the results are not satisfactory.

So has anyone tried to enhance the same features and with what results?

And one more thing. I am using an external keypad to operate the FT4s VFO but in some cases I would like to use also the VFO knob itself. But it is so SLOW! How to speed up the VFO with less revolutions?

73s

Jukka, OH1MAR

Date: 5 Oct 1995 13:26:01 GMT
From: wilder@clark.net (richard l wilder k3di)
Subject: FCC licenses

Nitin Natarajan (nitinn@acsu.buffalo.edu) wrote:
: I was wondering if anybody out there had any expiriences with obtaining
: FCC commercial licenses. My company is looking to obtain 2 more frequencies
: and I was wondering if anyone out there had an idea as of the cost, paperwork,
: requirements, etc. Any help would be greatly appreciated.
:
: Nitin Natarajan
: N1GSK
:
The actual requirements depend on the type of business.
I recommend checking the WWW page at: http://www.fcc.gov
Also, you can send your query to: fccinfo@fcc.gov
You can download the complete FCC telephone dirctory which lists by name, office, and subject matter.
Feel free to E-Mail me directly with any additional questions.

73, Dick Wilder, K3DI
Richard L. Wilder Co (410) 757-6706 FAX: 757-6720
Consultant to Governement Frequency Managers

Date: 4 Oct 1995 17:24:45 -0400
From: wb8hwf@aol.com (WB8HWF)
Subject: FS:Icom R71A,IC730,551D

Icom R71A w/cw filter and 2.1khz ssb filter-$599
Icom IC730 w/cw filter and ps-15 power supply-$499
Icom 551D (no fm)-$525
I'll throw in a SP3 speaker.
All equipment in very good condition. The IC 730 does not have an internal speaker. The 730 and the 551d have hand mikes.

I've upgraded to a JST-245 transceiver.

E-mail to WB8HWF@aol.com or 614 366 3827
Thanks,Joe

Date: 4 Oct 1995 19:10:02 GMT
From: Lloyd Arrow <lloyda@aladdin.co.uk>
Subject: FT51R - software R&T Systems

This is a multi-part message in MIME format.

----------------------------------78102828710743
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

Hello there....
If the software you are after is the same one I am thinking of then the software has been bought under license by YAESU and can now be obtained through your local Yaesu dealer. It is the ADMS-1 package for the FT-51. If you have any difficulty in getting this. We can ship from here in the UK.

73

----------------------------------78102828710743
Content-Transfer-Encoding: 7bit
Content-Type: text/plain

TTFN de Lloyd

email - lloyda@nevada.co.uk (my mail)
email - info@nevada.co.uk (general)
WWW - http://www.ee.port.ac.uk/~arrow_l
----------------------------------78102828710743--

Date: Fri, 6 Oct 1995 00:38:43 GMT
From: faunt@netcom4.netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: IC-706 and MARS

Not only is use with transverters a good reason, apparently any US
amateur station (including Novice or Tech?) can have reason to use ham
gear on 5.1675 MHz, depending on location (97.401d).
73, doug

Date: 5 Oct 1995 19:55:11 GMT
From: w7gz@primenet.com (Dave Phillips)
Subject: IC-706 User Review

by Alf NU8I/G4ABB
alf@agreen.iac.honeywell.com
Scottsdale, AZ DM43an

Icom IC-706

General comments:

Very compact; particularly with the detachable front panel, should be
no problem for anyone finding a space for it at home or mobile/portable.
I didnt weigh it, but it seems light enough to put in a backpack for some
interesting mountain top operating!
The front panel layout is quite good, except for the RIT button. The tuning
knob feels smooth, and can be adjusted for a friction feel, or a reasonable
amount of flywheel action.
The manual seems pretty comprehensive, and there is a quick reference card. It
appears just about every option can be set up with its own default, based
on band/mode etc., so it should not be necessary to spend much time messing
around in the menus. I must point out though that _I_ have not played much with
this yet. The rig is certainly usable 'out of the box'.
There are a bunch of connections on the back panel, for connecting a tuner,
rtty stuff, computer interface, etc. No low level rf out for a transverter,
however.

On the air:

On receive, the rig seems fairly 'quiet'. Even with the pre-amp on, the audio
gain has to be set well advanced to make much noise out of the speaker. On 6m,
connecting the antenna gives a fair increase in noise (I live in quite a noisy
environment), and the W7US beacon, abt 100miles away, sounded as good as it
does on my regular rig (HB txvtr > IC735). I couldn't find any other weak
signals to try it on.

I didn't find any birdies on 6 or 2 apart from my usual 'friends'; in fact some
were missing; artifacts of the previous transverter scheme I guess. I was
afraid I would get some inter-mod from local commercial services, but it seems
to do a good job of eliminating that.

To my NW, I get some fairly bad power-line crud, which my 735 noise blanker removes completely. The NB in the 706 didn't seem to do as good a job. The S-meter reading dropped, but I could still hear the QRN. However, I didn't have a signal to listen to through the noise, so it may be good enough in practice. I have not yet had a chance to try it in the car, so I don't know how well it will handle automobile ignition noise.

Working local stations on 6 and 2, the immediate reaction was that the internal speaker was not up to the job. It was really quite unpleasant to listen to; very tinny. Plugging in an external speaker solved that problem. I didn't try with headphones, as I don't yet have an adaptor for the mini phone jack. I'm sure they would sound really good. Again, I had the impression that there wasn't really enough audio 'umph' available. In a noisy mobile environment, an external amp would probably be needed. Tuning was really smooth, particularly set for 10Hz steps. No noticeable steps/bumps/clicks etc, as I have heard on some rigs.

Reports on the transmitted audio quality were uniformly favorable. (note: this is on sideband, I didn't bother with AM or FM). The compressor had a noticeable effect, but the effectiveness of that will have to wait for some noise level paths.

On the bench:

Test gear used: HP8591A Spectrum Analyzer, HP608D generator, assorted Weinschel attenuators, HP3400A true rms voltmeter, various wideband directional couplers, calibrated with the 8591.
I do not have a noise figure meter; to check sensitivity I found the level at which I got a 3dB increase in noise with the audio level set as low as would give a stable reading on the 3400. The assumption is that at that level, the internal AGC would not have kicked in. The noise figure is then the signal level, in dBm, minus -140.3 (for a 2300Hz assumed bandwidth). (I think I've got that right; I won't be offended if someone corrects me, though!).
If someone local has a noise meter they could loan me, I'll run some more detailed checks.

Receiver: All the following were with the internal preamp ON.

In band:

freq, MHz threshold dBm noise figure,db
28.600 -134.5 5.8
50.125 -136.1 4.2
144.200 -136.2 4.1
148.000 -137.0 3.3

Out of band: (to nearest dB)

60.0 -132 8
70.0 -134 6
80.0 -132 8
90.0 -133 7
100.0 -133 7
120.0 -130 10

130.0 -113 27
140.0 -104 36
150.0 -103 37
160.0 -96 44
180.0 -78 62
190.0 -75 65

This looks really interesting in graphical form! The sensitivity is quite uniform up to around 120MHz, then drops off fairly steeply. The exception, of course, is in the 2m band. In fact, there is a very noticeable change in the background noise _immediately_ you tune outside the 144-148 band limits. I suspect that a different front-end filter or extra pre-amp is automatically switched in. The manual does not include a schematic, (unusual for Icom), so I can't verify this.
I did not have time to run the checks below 50MHz, but the background noise and qrn level sounded similar to that at 50.125, so I dont expect any major reduction in sensitivity in this range.

Transmitter:

50.125 Power max 89.6W min 2.5W
144.200 max 9.4W min 0.5W

Power control operated smoothly in between these limits.
Even though it seems a little low, 89W is within 0.5dB of the rated 100W, and that is within the measuring error of my setup.

No spurii could be found less than 60dB down from the desired output.

Some specific questions sent by e-mail:

How bad is the intermod?
No apparent problem from out-of-band signals. Haven't had a chance to try with strong in-band local stations.

How well does the noise blanker work?
Not tested on ignition qrn. Not as effective on powerline spikes as the IC735.

How does it do receiving WBFM?
Using a regular dipole in the shack, pulls in the stations better than my A/V receiver. Audio sounds good, though not up to hi-fi standards, on an external (small Radio Shack) speaker. Absolutely crappy on the internal speaker.

Is power output up to spec?
See above.

How warm does it get just receiving?
Case temp rises less than 10F above ambient after several hours of operation.

How difficult are menus to navigate whilst driving?
Haven't tried this, and wouldn't recommend it. Set what you need in the
memories ahead of time, and you shouldn't need to mess with this.

Does it truly have poor receive above 160MHz?
See above. I would expect it to be pretty poor above 130MHz, except for 2m.

Reception on the broadcast band 530-1600 khz?
Only listened at night with my HF beam as an antenna. Sounded pretty nasty,
but about the same as my IC735. I expect it would be fine during the day,
and/or with a proper antenna.

On wide fm on the TV sound signals at about 190 mhz?
With a 3foot piece of wire as an antenna, I could hear nothing up there
except some pops and crashes. Based on the sensitivity tests, above, I
would expect it to be pretty poor.
Is there just one coax connector on the back for all bands hf, 6 and 2,
or is there a separate output for each of the vhf bands?
One socket (SO-239) is for all bands < 60MHz. The other SO-239 is for >60MHz.

What kind of cable do you need to seperate the front panel for remote
operation- do you need to buy theirs or can U build it when you need it with
parts on hand?
It's a non-standard connection arrangement (spring-loaded pins) so I expect
their cable is the only way to go. Trouble is, its not available yet. 8-(

Does it come with a mobile mounting bracket and a mic?
Mic, yes; bracket, no.

Does it have a CTCSS encoder built in, or is that an option (for PL tone
activated 10/6/2m repeaters)?
Yes it does, and also 1750Hz for the Eu repeaters.

How much you have to give for it?
$1299 + tax

Is it all mode on all bands?
I didn't see any restrictions per band.

Date: 6 Oct 1995 10:42:34 GMT
From: moorhead@ionet.net (Mark Moorhead)
Subject: KENWOOD TH-22 ANY GOOD?

In <451j50$veh@news.net-connect.net>, matt@net-connect.net (Matthew Smith) writes:
>Is the kenwood th-22 any good for a first radio or should i look for somthing
>else please help
>
>
>
>thanks matt ?????
>

I have a Kenwood TH-22AT, and it is a very nice radio, but it has a slightly loose frontend... (This because I get bombarded with intermod from pager trasmitters on the 152/157MHz band in my area)...

If you are serious about repeaters and such, I would advise getting a dual-bander.... I wish I would of bought a dual, since I am usually indoors, and UHF penetrates better thru brick and such...

```
-------------------------------------------------------------------------
|Mark ------ KC5PWW|When in Oklahoma, Listen to the Bojive RN|Power PIG|
|moorhead@ionet.net| 53.010MHz 145.49MHz 224.96MHz 444.85MHz |145.15MHz|
-------------------------------------------------------------------------
```

Date: 5 Oct 1995 21:36:32 GMT
From: matt@net-connect.net (Matthew Smith)
Subject: KENWOOD TH-22 ANY GOOD?

Is the kenwood th-22 any good for a first radio or should i look for somthing else please help

thanks matt ?????

Date: 5 Oct 1995 19:41:35 -0400
From: ptracy@aol.com (PTracy)
Subject: Kewood TM 742/642 Unrepairable????

In article <44vl98$ofh@crow.cybercomm.net>, Stephan Rashkin <stever@raven.cybercom.com> writes:

>as special chips and interstage xfmrs become more and
>more propriatory and single sourced our 2000 dollar radios are
>becoming more and more destined for the scrap heap and Kenwood
>is more and more guaranteed to have markets for their "New Rig
>of the Month"..Anyone else out there getting the same problems
>from Kenwood?
>
>Steve, WA2NHZ

Just thought I'd toss my 2 cents in here too. I have a Kenwood TS-440 that also had the exact same problem with the pll. I don't think there is a real solution to the "rig of the month" problem. For me, the TS-440 was my first and will most likely be my last Kenwood. Given that, I will soon be in the market for another HF xcver within the next year. The problem I face is what to buy. The choices are now Yeasu, Icom, Ten-Tec, and JRC. After reading many posts here on Interenet, I am left somewhat perplexed as to just which radio I'll buy next. I just don't see to many posts raving about what a great radio 'brand x" is. I realize that most posts are going to be negative, but I just don't get the "warm fuzzy" feeling about any particular brand. However, based on my experiance with Kenwood, that brand is off the list. The current thinking is maybe a Ten-tec. I know, they aren't problem free either, but at least their service is

alleged to be good. Plus, they're made in the U.S. Must count for something.

BTW, I know 3 other guys who bought the '440 around the same time I did (late in the run) and all 3 of them has experianced the EXACT same problem. One guy got lucky, UPS lost the radio on the way to kenwood for it's 3rd repair. He now has a 450!

Pat Tracy - KE1C

Date: Fri, 06 Oct 1995 03:55:22 GMT
From: jsollows@direct.ca (Jim Sollows)
Subject: No clue Hams

jenglish@sparc1.castles.com (John English) wrote:

>Hello All;
>It appears to me from reading some of the posted questions, comments on
>this and a few other Ham related groups that many of the so called 'Hams'
>have'nt gotten a clue on many of the basic technical subjects. How these
>folks passes their test is a mistery. Maybe we need to open up another
>license class in addition to the 'No code'. We'll call it the No Clue
>Tech.

Here in Canada we have a new license class. It allows you to walk into a class on a Saturday morning without even knowing what a ham is, not to mention any theory, and walk out later that day with a call sign. The No Clue / No Code is here...pretty scary stuff.

Date: 4 Oct 1995 17:41:41 -0400
From: n2dvq@aol.com (N2dvq)
Subject: Quality of Kendecom/ Mark 4 rptr ??

If you have any experience with Kendecom, good or bad, I would like to hear from you. Im about to spend 6K on their linking equipment and would like to hear from previous customers. Please send E-mail to n2dvq@aol.com

Tnx

Bob Wilson
Bob Wilson
N2DVQ@AOL.COM

Date: Wed, 4 Oct 1995 22:16:53 GMT
From: Brian Fritz <BrianF@Bangate.Compaq.Com>
Subject: Service manual for a Icom 275 H***

mkulyk@ix.netcom.com (MICHAEL KULYK) wrote:
>Need a service manual for a Icom 275 H 2 mtr all mode.Will pay shiping

>cost or photo copy cost .. Please E-mail I am posting this for a member
>of our radio group &3 Mike WB2GLW..

Why not buy one from Icom!

Photocopying one would be illegal, the document is surely copywrighted!

N8KUJ BrianF@bangate.compaq.com

Date: 6 Oct 95 13:46:37 GMT
From: Dwight_H@simusa.sim.ORG (dwight_h)
Subject: subscribe

subscribe

Date: Wed, 4 Oct 1995 08:38:34 -0700
From: Cal Eustaquio <ceustaqu@ohm.elee.calpoly.edu>
Subject: TCS xmtr

Anyone here have any experience with the TCS series of transmitters built
during WW2? I am asking as I have recently stepped across one. I'm
particularly interested in the setups you folks have had: antennas, audio
input configurations (other than the ubiquitous carbon mic it was design
with), and homebrew power supplies used. Any response would be greatly
appreciated. 73's. Cal, N6KYR.

Date: 5 Oct 1995 09:25:36 -0500
From: MUENZLERK@uthscsa.edu (Muenzler, Kevin)
Subject: TO THE COWARDLY LITTLE NET-COP

davidst1@aol.com (DavidSt1) writes:

<snip>
-It is not your place to be "the law" on this or any newsgroup, you...
<ignorant filth deleted>

-David L. Stinson AB5S/7
-Las Vegas, Nevada

Lighten up, will you! It's people like you that give USENET
a bad name! There is no reason for a post like this.
Now don't get all offended and think I'm telling you what to
do or anything. I think that perhaps all these things that you
are saying about the anonymous poster must have happened
to you, am I right? Perhaps your extra class call has gone
to your head, wherever that is. It would appear that neither
your mother or father taught you any manors. Maybe they
just didn't care, it shows.

Kevin

Legal stuff:
The opinions herein are my own and not necessarily those of the staff,
faculty, administration, or lab animals (woof!) of The University of
Texas Health Science Center at San Antonio or anyone else who is not
me. The perceived length of this message may not be the same as its
actual length due to relativistic compression during gateway routing.
Your mileage may vary. Batteries not included. Certain options not
available in Nebraska, West Virginia, North Dakota, Nevada, or
Puerto Rico.
****
Kevin R. Muenzler, WB5RUE The University of Texas Health
muenzlerk@uthscsa.edu Science Center at San Antonio,
Department of Computing Resources

The difference between genius and |
stupidity is that genius has its |
limits. The only difference | I am Voltohm of Borg!
between stupidity and intelligence| Resistance is E/I!
is that intelligence may be | Power is EI!
artificial, stupidity is always | You will be attenuated!
genuine. |
****

Date: 5 Oct 1995 18:14:48 GMT
From: gamma7@ix.netcom.com (J. Duffy Beischel)
Subject: TO THE COWARDLY LITTLE NET-COP

In <scam-0410950328380001@port141.aixdialin.siu.edu> scam@siu.edu
(Scott A. Manthe) writes:
>
>In article <44s40e$7cg@newsbf02.news.aol.com>, davidst1@aol.com
(DavidSt1)
>wrote:
>
>> To the cowardly little wanna-be policeman who
>> multiple-posted my mailbox anonymously:
>>
>> It is not your place to be "the law" on this or any newsgroup, you
>> impotent little nazi prick. I know your mommy didn't give you
enough
>> attention and your daddy beat your scrawny butt for wetting the bed,
>> but that's not MY fault.
>>
>> Get a life, you disgusting piece of filth. If you want to force
your
>> views on people, go become a preacher or an L.A. police officer.
>>
>> With the sincere hope that you die a painful and humiliating death,

>>
>> David L. Stinson AB5S/7
>> Las Vegas, Nevada
>
>Good to see someone reinforce the idea that it doesn't take a genius
to
>get a ham license. This kind of post pretty much refutes the whole
code
>vs. no code debate.
>
>--
> SCOTT A. MANTHE, N9AAT
> E-MAIL: scam@siu.edu or lorit@siucvmb.siu.edu
>
> "There is no reason for any individual to have a computer
> in their home."
> Kenneth Olson, President,
> Digital Equipment Corporation, 1977

Sure does, it says we need to keep the code requirement!

Regards,

Duffy - WB8NUT

Date: 6 Oct 95 14:46:09 GMT
From: cowanr@isma8.monmouth.army.mil
Subject: TS-120

I have a TS120 that is sick.
It transmits and receives ok.
The problem is an open mic/monitor on situation.
If you turn the rig on and pick up the mic and speak, without keying the mic,
sounds come out of the speaker as if the monitor switch is on.

Any suggestions?

Is there a service company on the East coast that works on Kenwood equipment?
I would like to avoid shipping the rig to the West coast if possible.

Thanks
Roland WF4P

End of Ham-Equip Digest V95 #491
****

2828. IC-R71A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: 70518@msn.com
Message-ID: <00001fed+00001849@msn.com>
Source record: 211569

I hacve an IC-R71A with a remote control option
installed. Do anyone know of any programs (preferably windows,
preferably visual basic)
out there to control it?

Thanks

2829. IC-706 mods anyone?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: adam@tbsa.com.au
Message-ID: <4592q4$6jc@budapest.ozonline.com.au>
Source record: 211570

Hi there.

Does anyone know of any diode mods for the 706 to do tricks?

73, Adam VK3ALM@VK3KSD.#MEL.VIC.AUS.OC
adam@tbsa.com.au

2830. Kenwood TS-870 first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: zamo@teleport.com
Message-ID: <4594bj$7bb@maureen.teleport.com>
Source record: 211571

I became interested in the TS-870 from the announcement in this newsgroup. I stopped by our local Ham Radio Outlet to see if they had a brochure and was surprised to find they had several rigs in stock. Kenwood has done a better job than ICOM recently in introducing new products. I'm still waiting to try out the ICOM 706 that I saw at a hamfest last June. I was impressed how well Kenwood has integrated the DSP controls into the unit. I don't have an outboard DSP box and was interested to see how well it was implemented. Since my birthday was only a few days away, my wife thought it would make a nice present ;)

Although the TS-870 has a similar RF sections as the TS-850 and the dimensions are identical, the front panel has a new layout. I had no problem understanding the control functions and the cold-cathode display has lots of color coded mode indicators. The numeric entry pad has 2 X 5 rows instead of the more familiar 3 X 3 + 1 arrangement, a minor drawback.

The package seems solid but I haven't opened the case yet. I would rather see machine screws holding the cabinet together instead of sheet metal screws. I like the carrying handle and feet on the sides for portable operation. The 12V supply makes battery operation feasible, but the rig is a bit large for mobile operation. The interal speaker is fine for portable operation, and the matching PS-52 power supply is easy to carry.

The "multimeter" functions are great! The 30 segment bargraph acts instantaneously and the top segment has a 2 second peak hold feature, very convenient. S-meter/power, filter shape, and ALC/compression/SWR functions are displayed simultaneously. The IF DSP filter controls are convenient, and adjust Lo/Hi cutoff frequency for SSB/AM/FM, and Width/Shift for CW. Filter ranges for SSB are Lo: 0-1000 Hz, Hi: 1.4-6 KHz, and for CW are Width: 50-1000 Hz, Shift: 400-1000 Hz. The filter setting appears on the display when the knob is turned. The filter shape factor varies from 2.25 at 200 Hz bandwidth to 1.43 at 2.3 KHz bandwidth. The DSP IF center frequency is 11.3 KHz. The DSP system uses dual 16 bit A/D converters and dual Motorola 56002 chips running at 40 MHz clock frequency.

The receiver seems very quiet compared to my ICOM 735. Perhaps that is due to the quiet synthesizer design from the TS-850. DX signals seem to pop out the background noise with clarity. A strong SSB signal without speech processing sounds like an AM broadcast station using 6 KHz bandwidth! The AGC attack is instantaneous, and the release time is continuously variable. The AGC implemented in the DSP system and operates very smoothly.

The IF DSP automatic notch filter can track and null a single carrier without desensitizing the receiver. The noise reduction and beat cancel functions operate in the audio stage and selection is mutually exclusive. Noise reduction mode and parameters are menu selectable. The "Beat Cancel" mode tracks and cancels multiple heterodynes. The "Line Enhancer" mode tailors the audio response around the signal frequency characteristics, recommended for SSB operation. The "Speech Processing/Auto Correlation" mode uses a statistical adaptive filter recommended for CW operation. I haven't spent much time with the noise reduction modes. In SSB, the background noise is reduced at the expense of some audio distortion.

The DSP is used to generate the trasmit signal. The audio equalizer can tailor the response in the low, middle, and high frequency bands. The speech processor level and compression is adjustable as in the TS-850. There is a monitor to listen to the transmit audio. I don't know if the speech processor operates in the audio or IF system.

The TS-870 has a standard serial port operating up to 57.6 Kbaud. Windows software is included, but I haven't tried it yet. I plan to used it for logging signal strengths of HF becon stations.

I paid $2700 for the TS-870 and $280 for the PS-52. This is my first Kenwood rig, and I'm impressed. If you all have more questions, I would be happy to give you my candid opinions.

73,

Jim
N7IHQ

2831. FS: CB radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: clecak@netcom.com
Message-ID: <clecakDG57y1.IrJ@netcom.com>
Source record: 211572

CITIZENS BAND RADIO SYSTEM FOR SALE

General Electric citizens band radio with digital display, volume knob, squelch knob, handheld transmitter. Under dash mounting. Includes a 3' antenna, but you'll need to pick up an antenna cable.

I am willing to consider cash offers or a (computer) hardware trade for this item
---
Interested parties please reply privately to clecak@netcom.com

2832. VHF Communications Magazine

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <117244399wnr@g6iqm.demon.co.uk>
Source record: 211573

Hi There,

To all subscribers issue 3/1995 of VHF Communications magazine will be shipped Monday Oct. 9th. We apologise for the slight delay, but as they say in the best circles, this was due to circumstances beyond our control - in fact our printing house had a major machine failure.

To anyone who is not a subscriber to the magazine, it is a publication for the Radio Amateur Worldwide, especially covering VHF, UHF and Microwaves. 95% of the contents are construction projects with a full backup with PCB's and/or kits. The worldwide subscription rate is UKP15.00 by cheque or UKP15.75 by credit card or bank transfer.

To whet your appetite the contents of the latest issue include:

A Frequency Counter with Harmonic Mixing
200mW GaAsFET Amplifier for 24 GHz
Part-6 of a DIY Receiver for GPS and GLONASS Satellites
Linear Signal Rectification

For further information please send me an email.

Regards ... Mike

--
Michael J Wooding vhf-comm@g6iqm.demon.co.uk
CompuServe: 100441,377
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

2833. Re: Antenna Tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <813138407snz@microvst.demon.co.uk>
Source record: 211574

In article <4575du$mps@newsbf02.news.aol.com> w8jitom@aol.com "W8JI Tom" writes:

> If you don't like the MFJ, you really won't like the Tucker. It is a
> "Chinese copy" of the MFJ!

ROTFL.

I am sure that Martin, K5FLU, would get a real chuckle out of that one!

--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2834. Re: HyTower problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DG5E3J.Dr4@iglou.com>
Source record: 211575
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Dean Norris (dnorris@k7no.com) wrote:
: I have a HyTower antenna which is tuning off freq... E.g.

: 40M 6700 kHz
: 20M 13500
: 15M 20600
: 10M 27800

: Any Ideas as to why it would be tuning gennerally long on all bands?

Possibly it has taken root an grown. Look near the top for shiney metal
shoots

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2835. Re: Icom 735 vs. Ten Tec rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-0810951725240001@wd1v.mv.com>
Source record: 211576

In article <9510070511.AA24487@venus.atkc.com>, davev@atkc.COM (Dave van De Kerk) wrote:

> I am looking to upgrade from the Icom 720 a which has been my HF
> rig for the last year or so.
>
> I have been contemplating an Icom 735, but I have heard very good
> things about the TenTec line.
>

Ten-Tec doesn't have a $800.00 or under radio that is multi-band, do they?

I know the Scout radio is about $600.00 and then you play the module game.

I owned a 735 for a year or so - nice radio but bet you'd like a used 751A a lot better. Hotter receiver - higher average SSB - built-in keyer is standard - and not much larger. Lots should be for sale as folks migrate to DSP based newer rigs.

73,

\/
John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive America On Line: jseney@aol.com
Manchester, NH 03103-6150 AX.25 Pkt: wd1v@wb1dsw.nh.usa.na
(H) 603-668-1096 Ampernet: wd1v@wd1v.ampr.org
Source for Free Macintosh Amateur Radio Test Simulators
\/
LeCroy Sales Engineering - Maine, New Hampshire, and Northeastern Massachusetts
(O) 800-553-2769 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

All opinions are my own, including Digital Storage Scope.FAQ

To obtain the latest copy automatically, simply send me an EMAIL
with "subscribe scope.faq" in the subject field.
or: http://beam.slac.stanford.edu/www/library/w3/dso.html
\/

2836. 1000's of Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: bucherj@aol.com
Message-ID: <45807j$2eg@newsbf02.news.aol.com>
Source record: 211577

Over the years I have aquired many easy and hard to find HAM & SCANNER mods. Below is a small listing of some of the items I have mods for, just because it isn't listed doesn't mean that I don't have a mod. Please e-mail me at BucherJ@aol.com with the Make and Model of the item you are looking for and I will send back what type of modifications we have for that item. If you decided that you need this mod then all I ask for is a small fee of $5 for the information.

Note: These mods are furnished for informational purposes only, any changes that you make to your equipment may void the warranty and be illegal.

HAM & SCANNER
========
AEA
MX6S/MX28S,PK87/88,PK232/SAT

ALINCO
ALR-22T,ALR-24T,DJ-100T,DJ-160T,DJ-460T,DJ-500T,DJ-510T,DJ-580T,DR110T/DR1
20/DR1200,DR510,DR570T,DR590T

AOR
1000

AZDEN
PCS300,PCS4000,PCS6000

BEARCAT
BC50XLT/55XLT,BC100XLT,BC140,BC175,200XLT/205XLT,250XLT,760XLT,855XLT,780X
LT/950XLT,890XLT,2500XLT,MR8100

DFI
MS400

DIGICOM
C.A.R.S

ICOM
10,12AT,1271,02AT/2A,2GAT,2GXAT,2SAT,21AT,22A,S,2340H,24AT,2400,271,28A,H,
281H,3200,3220A/H,32AT,37,4AT,47,471,720,725,735,740,745,751a,761,900,901,M
-700,R7000,R71A,W2A,W21AT,Z1A

KAM

KDK
2016

KENWOOD
TH-215A,TH22AT,TH25AT,TH26AT,TH-2600-A,TH-28A,TH42AT,TH45AT,TH721A,TH731A,
TH75A,TH77A,TH-78,TH79A,KEN940

MFJ
1270,1274,1278

RANGER
2950,2970

REALISTIC
HTX100,HTX202,HTX404,PRO23,PRO32,PRO34,PRO37,PRO38,PRO39,PRO41,PRO43,PRO46
,PRO51,PRO2002,PRO2004,PRO2005,PRO2006,PRO2020,PRO2021,PRO2022,PRO2026,PRO2
027/9,PRO2030,PRO2032

REGENCY
MX4000/MX4200,MX5000/MX7000

STANDARD
C508,525,558,5608

UNIDEN
HR-2510(LINCOLN),HR-2600

WILSON
MARK 2,4,(CAP & MARS)

YAESU
FT101,b,e,ee,FT11r,FT209rh,FT211rh,FT212rh,FT23h,FT2700rh,FT301,FT411,e,FT
470,FT51r,FT5100,FT530,FT70,FT726,FT727r,FT736,FT747,FT757,FT767,FT900,FT98
0,FT990/FT1000

2837. Re: TM-742A On 208.345MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: bucherj@aol.com
Message-ID: <45808j$2ev@newsbf02.news.aol.com>
Source record: 211578

The Mods I currently have for your equipment is:

KENWOOD
TM742
1..RX 18Mhz to 54Mhz
2..TX 26Mhz to 45Mhz
3..RX 40Mhz to 90Mhz
4..TX 46Mhz to 76Mhz
5..TX 136Mhz to 174Mhz
6..RX 215Mhz to 260Mhz
7..TX 215Mhz to 235Mhz
8..TX 420Mhz to 450Mhz
9..RX/TX 1100Mhz to 1400Mhz

If you wish to order the mods please send $5 (check or money order) for each radio model (1 radio= $5, 2 radio's = $10, etc.) to:

J.Bucher
c/o Star
535 Pearl Ave #5
Loves Park, IL 61111

Please specify if you want your mods faxed, e-mailed, or sent via the postal service when ordering. It is possible that when we send this information additional mods for that radio will be available, if so we will send them along also.

Please included an e-mail address if I have any questions about your order.

2838. Re: Kenwood TH-79A (D)-HP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: baileyh@intellinet.com
Message-ID: <baileyh-0810951829160001@md-004.lit.intellinet.com>
Source record: 211579

In article <4550p9$4lh@jobes.sierra.net>, John <krypton@sierra.net> wrote:

> Is this a good first time radio? I would like some pointers to
> look for in choosing a good first time radio.
>
>
> JOhn

This radio might be a little much for a first time radio. I started out with the TH-28A and its fine.

Bailey

2839. TH-28A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: baileyh@intellinet.com
Message-ID: <baileyh-0810951831170001@md-004.lit.intellinet.com>
Source record: 211580

Does anybody out their know of a good antenna, 1/2 wave, for a Kenwood TH-28A. Any information would be appreciated.

Bailey

2840. NEED MANUAL: International Telecom Systems Repeater (2m)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: carpent@wctc.net
Message-ID: <NEWTNews.813210459.31609.carpent@carpent.wctc.net>
Source record: 211581

Our local repeater association "Mid-State Repeater Association" has just become the proud "papa" of an old repeater. We need a manual. The repeater was made in 1983 by "International Telecom Systems" of Miami, Fla. It is stamped Model "APTR" "SN-1831" Please advise if you have any information about the manufacturer or a users manual. 73's

2841. WTF : Manual for TH-27a KENWOOD HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: panther@atl1.america.net
Message-ID: <panther.813205419@atl1>
Source record: 211582

LOOKING FOR A manuel for this radio.

If anyone has one they could copy for a friend of mine.. please contact me.

THanks

2842. Yaesu FT2700RH extended coverage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: Neil Hosker <neil@morgan2.demon.co.uk>
Message-ID: <555310500wnr@morgan2.demon.co.uk>
Source record: 211583

Does anyone out there know of a mod to extend the coverage of the above radio? or do you know of a source of information? Any replies appreciated.

Neil Hosker EMail neil@morgan2.demon.co.uk

2843. Re: IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct8.110930.14055@ke4zv.atl.ga.us>
Source record: 211584

In article ab910@lafn.org (M. Davies) writes:
>
>I bought my 706 thinking it, like other Icom radios, did out of band
>receive and transmit with acceptable spec's. WRONG!!!
>
>My 706, like others on the net, is deaf as a post beyond the 2m ham band.
>162.550 weather is loud and clear on my RS 2006 scanner with the built in
>whip. The 706 hears nothing there even when connected to my discone up 25
>feet! On 154.830, LAPD Tac, my 2006 again can hear the action loud and
>clear, sometimes without ANY antenna......the 706 hears nothing.
>And, the corker for me, a 1Kw paging transmitter less than a quarter mile
>away is off the scale on every radio I've ever had antenna or not. The 706
>on the discone gets it at 1/2 scale!!! (And no, that's not it.)
> Now, perhaps Icom put a hidden gadget in there to help with bleed over
>into the 2m band. Why did they not tell anybody this? I got the 706 to
>hear the VHF stuff a TS-50 can't. Now I find it can't either!!
> I have the mod. for below 50Mhz to enable transmit everywhere. I haven't
>done it yet and probably won't. I really like the little radios other
>features but with this big a flaw it's going back to the candy store come
>Monday. Unless there's a mod. for VHF receive it goes, as I can't afford a
>$1299 sculpture !

I find this very encouraging news. I've been considering the IC-706
for my Jeep, but was concerned that it might just be a very expensive
scanner (with all the attendant problems that brings) rather than a
solid amateur radio. From the above, it appears that Icom may have
been listening to those of us crying in the wilderness and has started
making amateur radios again, and not glorified scanners. Radio Shack makes
those, and much cheaper. I want a radio that doesn't howl at the moon
every time I pass near a paging transmitter. (Personally, I don't know
why Icom even bothered to make the display show digits outside the
amateur bands, but I guess it's a necessary marketing gimmick. As
long as those out-of-band signals can't get through the radio, it's
still fine by me.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2844. Mod for Kemwood tm-251a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: rthomas@uniserve.com
Message-ID: <457be8$9o5@enigma.uniserve.com>
Source record: 211649

Need Mod for Kenwood tm - 251a if you know where it could be found
please E-mail
Thanks R thomas

2845. Manual for Eico 324 Signal Generator

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: kkoelman@ix.netcom.com
Message-ID: <457cq7$335@ixnews6.ix.netcom.com>
Source record: 211650

Hi:

Do any of you have a manual for an Eico 324 signal generator? I picked one up at a flea market without a manual.

Of course, I will gladly reimburse you for copying costs and postage. Let me know if you could send me a copy. Thanks.

73/KC6WCI@N0ARY.#NOCAL.CA.USA.NOAM

2846. Need Schematic-KLM 16-140B

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-08 00:00:00 UTC
From: Ronnie_Day@acd.org
Message-ID: <3709206495.74236796@acd.org>
Source record: 211651

I need a good copy of the schematic to repair a KLM 16-140B 2-mtr. amp.

I've also inherited a few HeathKits, without the manuals, that need work.
Would appreciate info leading to a source for them also.

2847. "DC to Light" MOD for TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: alan.raskind@trw.com
Message-ID: <45c9t4$k01@ns5.nba.TRW.COM>
Source record: 211502

I understand that there is a "DC to Light" mod for the TM-742A so it can receive (only) in the 800MHz band.

Can someone tell me exactly what it is or exactly where it can be found?

It would be greatly appreciated. Thanks in advance.

Alan, WA6AQC

e-mail address: alan.raskind@trw.com

2848. Tubes For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: rstern@col.hp.com
Message-ID: <45c15p$ppu@nonews.col.hp.com>
Source record: 211503

I have a large assortment of NOS tubes that I'd like to sell.

There are 4 pages of tubes, so I can't list them here.
I'd prefer to sell the entire lot to one buyer.

If you're interested in looking at the list, please e-mail me and
I'll fax it to you. If you know of a business or person that would
possibly be interested in buying the lot, please e-mail me their
name and phone number.

Thanks,
Richard Stern
rstern@col.hp.com

2849. re:setting up Ic 706 for repeaters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: bb@tisc.titan.com
Message-ID: <199510092044.NAA29962@calvin.cns.tisc.titan.com>
Source record: 211504

H
>> >Save yourself some time and use the "tedious" method.
good advice!!!!!!

> Whad'ya expect? In Japan, they dont have repeaters on 2
> meters...only SSB and FM simplex. Surprised it's as "easy" as you
> describe above actually.
i programed 50 channels, 20 were repeaters in 30 minutets the rest were hf
so i wouldnt have to configure the radio mobile

> No...I bought the Alinco instead and am quite pleased so far.

Alinco??? 10 watts on 6, No 2 meters. I dont think so

I love my ic706

(No scaner) Bill

2850. Heath HW-10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: pridgent@pinn.net
Message-ID: <45c4fl$qj6@everest.pinn.net>
Source record: 211505

Looking for manual for HW-10 6meter xcvr. Believe this rig was called the Shawnee. Would also appreciate any other info from your experience with this rig. I looking to find something simple and cheap to get on 6m and I'm told that this rig was suggested. Thanks in advance.
Email to:pridgent@pinn.net

--

2851. ICOM IC-2340H - what is modified freq range?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: Hugh Pepper <pepperh@demo.bb.unisys.com>
Message-ID: <45b6nc$hao@bb6k35.BB.Unisys.Com>
Source record: 211506

I have looked all through the mod sheets and have not found any information about the Icom IC 2340H radio.

It is a 2M/440 mobile, - does anyone know if it can be modified to receive 118 - 136 MHZ aircraft, and also if it is possible to be modified to receive 900 MHZ ham and cellular??

Thanks for any information -

Hugh -

pepperh@demo.bb.unisys.com

2852. Help w/ Power Supply

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: tgoins@accessone.com
Message-ID: <tgoins.14.0111F19F@accessone.com>
Source record: 211507

I am in need of some help diagnosing a problem with my Pyramid PS-50 power supply. It is an adjustable 12-15 volt supply capable of about 50 amps. It's about 4 years old.

Here's the problem. When it's first turned on (after sitting for several hours) the voltage will rise to the proper level then immediately (10 - 15 seconds) start to drop off. It will eventually platuea at about 7 or 8 volts. If you turn it off and then cycle it back on immediately then the voltage never does rise to a normal level, it just starts low and stays low.

Here's what I have tried as fixes. It has a 732 voltage regulator chip and I have replaced it. No change. I also changed the 2N3055 regulating transistor which seems to somehow control the other six 2N3771 power transistors. No change.

I am at loss about what to do next. Could it possibly be a filter capacitor (five of them 10,000uf / 25 v)?? Or maybe the transformer? Or maybe one of the six (2N3771) power transistors? All of the parts are available through Digi-K ey and I am willing to replace them myself, but I don't want to have to take the shotgun approach and replace everything until it starts working. I'd prefer to have a more educated guess.

Thanks in advance for your help.

Todd Goins (NOMZT)
Seattle

tgoins@accessone.com

2853. Ham Radio Today

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: Steve Lorek <slorek@tcp.co.uk>
Message-ID: <3079991E.519E@tcp.co.uk>
Source record: 211508

Does anyone here read Ham Radio Today magazine? Well, I've just stumbled accross the WWW version - called Ham Radio today On-Line at:

http://www.tcp.co.uk/~slorek

Although it says it's not finished yet, it's already looking very interesting....

2854. Re: Help w/ Alinco DJ-120 & EBP-7NAZ Battery

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: dab2@Ra.MsState.Edu
Message-ID: <45b968$i9@NNTP.MsState.Edu>
Source record: 211509

.
Paul Anderson (harris.pander01@ic1d.harris.com) wrote:
: I'm helping a friend repair an Alinco EPB-7NAZ battery pack.
<stuff deleted>
: This was the standard battery pack supplied with the DJ-120T 2-meter HT

Another Alinco DJ-120 owner... amazing!
I have had the same battery problems you mentioned above. My battery pack suddenly and completely died about a year ago (actually WHILE I was buying the radio). The pack showed zero voltage across the terminals and on the ohm scale it showed infinite resistance.
The seller and I got it working again by cracking open the case and replacing the batteries with aftermarket batteries. Two bundles of three batteries each, soldered together the way the original ones came out. We did not mess with or understand the board in the battery pack. (just stared at it in unison :) I charge the batteries with the original AC/DC converter and can use the radio for several hours on a charge.
As long as we are on the subject of batteries for the DJ 120, if you happen to find an aftermarket supplier of 12volt replacement batteries, please let me know.

good luck...

73 de KC5AAW

David A. Boackle dab2@ra.MsState.edu Mississippi State University
---
Seriously, if a citizen doesn't see 8 billion strobes, wig-wags, flashing lights, headlights, spotlights, etc. and doesn't seem to hear the air horns, Federal Q, electronic siren in all its modes, bells, whistles, and the officer hanging out the window screaming obscenities at nice old ladies, what difference does the color make? (author unknown)

2855. Re: Kenwood TS-870 first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DG6KqD.A95@iglou.com>
Source record: 211510

```
: Thank you for one of the most complete reviews of the 870. I am a
: die-hard KENWOOD fan and, unfortunately, all of the reviews of the 870
: I've seen, have been negative. Glad to here you liked it and I'd be
: interested to find out how the Windoze software runs and how much is
: configurable throught the computer that can't be changed anywhere
: else. (Are these changes permanent? ie, unhook from computer and
: take mobile?) Anyway, I look forward to hearing more on KENWOODS
: newest "wonder-rig."

Guess I missed something here. Could the review be reposted?
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky
```

2856. NEED Manual IC-25A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <45bbg2$29o@acme.freenet.columbus.oh.us>
Source record: 211511

Hi gang. I'm looking for the manual for the ICOM IC-25A 2 m radio.
Will appreciate for any help.

73! Sergei
AA8OT, UA3AP

2857. NEED Manual TM-201A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <45bbcl$1rl@acme.freenet.columbus.oh.us>
Source record: 211512

hi gang. I'm looking for the manual for the Kenwood TM-201A 2 m radio.
Will appreciate for any help.

73! Sergei
AA8OT, UA3AP

2858. DC to Light MOD for Kenwood TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: alan.raskind@trw.com
Message-ID: <45ca3i$k01@ns5.nba.TRW.COM>
Source record: 211513

Can someone please tell me exactly what the "DC to Light" mod is or exactly where it can be found?

Supposedly it is to allow RX in the 800MHz range. It would be greatly appreciated. Thanks in advance. Alan, WA6AQC

e-mail address: alan.raskind@trw.com

2859. Re: RC-85 Repeater Controller from ACC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: p001309b@pbfreenet.seflin.lib.fl.us
Message-ID: <45bibm$mug@bcfreenet.seflin.lib.fl.us>
Source record: 211514

Thanks everyone for the responses to my email. For anyone else who reads this post and wants to know. ACC was bought out by LinkComm and is reachable at linkcomm@netins.net and they also have an FTP site at ftp.netins.net:\\showcase\linkcomm\acc that has the binary files for the RC-85, RC-850, and RC-96. Including information about the EEPROM and the DALLAS chip. This information will shorten the time our repeater is off the air - Thanks.

--

Dennis Hawkins
n4mwd@amsat.org

2860. Kenwood response to service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <45bp0l$lf8@crow.cybercomm.net>
Source record: 211515

I just received this from Paul Middleton of Kenwood
Are you guys just spreading rumors?
Paul's address is "paulem@ix.netcom.com"

>Dear Steve,
>
>Kenwood works hard to support our products. I am unaware of parts not
>being available for the radios you have mentioned. It amazes me that so
>many people just repeat rumors on the newsgroups. I want to ask you to
>tell everyone to contact Kenwood through internet. If we have a
>problem, I want to fix it! By talking among other hams, the attitude
>only gets worse. I will be the first to admit that Kenwood is not
>perfect and that we have made many mistakes. This business is not easy
>and the ability to service the customer is becoming increasingly
>difficult. I apeal to all hams to work closer with the manufacturers to
>increase communication about out hobby and use internet to provide a
>forum to gain a better understanding and respect. Flaming does no one
>any good. We need to create a future for Amateur radio with a new
>attitude.
>
>Paul KD6NUH
>National Sales Manager
>Kenwood Communications Corporation

2861. BC-348-R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: greed@fiesta.srl.ford.com
Message-ID: <45bcrb$oqi@eccdb1.pms.ford.com>
Source record: 211516

Need help finding a manual or/and schematic for a BC-348-R. I have the manual for the BC-348-Q but the R has one more stage of IF and this is the area of maximum smoke !!!!! I'am aware of Boat Anchors but I don't have E-mail here. Is there a home page on the net ????? Thanks

2862. Re: IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: eeb@access.digex.net
Message-ID: <45brc5$7n5@news3.digex.net>
Source record: 211517

"Gary P. Fiber" <gfiber@halcyon.com> wrote:

>I would suppose ICOM could open the receiver and let the world in. Maybe
>it is better this way. I have a scanner for the weather channel. I don't
>need a 1299.00 radio to tell me if ti is going to rain. My $ 50.00 scanner
>can do that.

>Gary

I highly praise Icom for not having any sensitivity out of the 2 meter
band. I am so plagued by intermod that it makes any contesting on
that band useless. I would think most urban users would also like
this as the unit makes a very usefull mobile radio. Now we can
finally commute and not have to say "sorry can you repeat that I am
going through intermod alley". I am eagerly awaiting Christmas when I
can hopefully get mine.

Allen

2863. Re: Setting up IC706 for FM repeaters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <45bd6o$hj0@nonews.col.hp.com>
Source record: 211518

J.Fitter FITR BV/N0IAT (fitr%mimi@magic.itg.ti.com) wrote:
: edited--
: >Today I decided to program some 2M repeater frequencies into my
: >IC706.
: >I discovered that there are two ways: tedious and
: >horrible.Needless to say, Icom gives you the "horrible" version
: >in the manual.
: >Save yourself some time and use the "tedious" method.
: >73 Dave WB0GAZ dgf@netcom.com

: Whad'ya expect? In Japan, they dont have repeaters on 2
: meters...only SSB and FM simplex. Surprised it's as "easy" as you
: describe above actually.

Yeah, but they have them on 70 cm so extrapolating down to
2M should not be a big stretch.

My real point is that although it may sound like gripes in some
cases, I appreciate the honest reviews of the IC 706.
It looks awesome on paper and is probably awesome in reality but
I appreciate the poster taking the time to let us know some of
the weak points.

So thanks to all who have posted concerning their 706 impressions.

Bob

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

2864. Re: RC-85 Repeater Controller from ACC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: linkcomm@worf.netins.net
Message-ID: <45cbbj$jbb@insosf1.netins.net>
Source record: 211519

> Does anybody have information regarding ACC. I have heard that they went
> belly up. Does anybody have any info on the RC-85 repeater controller
> regarding parts availability. Any info would be helpful - especially
> their I-net address (if they still have one). Thanks-
>
> Dennis Hawkins
> n4mwd@amsat.org

> Hello Dennis,

> I understand that Linkcomm had purchased ACC, along with their parts,
> and was going to support ACC users. However, now I have been told that
> they are not receptive to old ACC users trying to get replacement
> parts. I guess all they intended to do was sell there goods whenever an
> ACC went belly up.

Actually we are trying to help, but our hands are tied. Many of the chips used in ACC controllers were discontinued years ago. We have obtained DVR codecs, PALs, and voice synthesizers. We are making the latest version EPROM files available on our ftp site free of charge (did you ever get a free update before?). We have not been able to get EPROMs, so we have ordered circuit boards that are supposed to allow the use of newer, available EPROMs in the RC-96 and possibly the RC-85. When we get those circuit boards, we should be able to distribute the latest software update and provide replacements for the EPROMs. We are also working to obtain some other chips, but we don't yet know which ones we will be able to get. If anyone has information about where replacement chips can be obtained, we will be glad to pass it along. Because so many chips have been discontinued, keeping ACC controllers running will eventually be a losing battle, despite our best efforts. If you have information or questions about any of this, please email me.

Steve Strobel, KC7HXB
Link Communications, Inc.
linkcomm@netins.net

2865. Align carrier osc, TS 940 style

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <1465.813212568@safety.ics.uci.edu>
Source record: 211520

Anyone do their own alignment to their 930 / 940 type rigs?
I want to get the carrier oscillators straight, and have a couple of questions from the service manual procedure. Would love to correspond with anyone trying to completely go through a rig like this.

Clark
WA3JPG

2866. Comet 2&6&hf antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: bb@tisc.titan.com
Message-ID: <199510091731.KAA24671@calvin.cns.tisc.titan.com>
Source record: 211521

Has any one used or experemented with the comet 2&6&hf mobile antenna?
i run 2,6,10,40 mobile and would like to not look like a porkey pine
bill

2867. manual 4 yaesu 720/ 9600 paket

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: bb@tisc.titan.com
Message-ID: <199510091605.JAA21274@calvin.cns.tisc.titan.com>
Source record: 211522

I have a yaesu ft 720 and need the manual, willing to pay reasonable copying
and shipping
also any one trying to convert this radio over to 9600 baud packet???
bill
kc6yox

2868. ADI Extended Receive HOW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: esukq@csv.warwick.ac.uk
Message-ID: <45bdnp$rt8@holly.csv.warwick.ac.uk>
Source record: 211523

HI, I understand that the adi sender-450 has extended recieve above
the 70cms band, is this true. If it is can someone tell
me how to access this feature.

Thanks in advance

73's Martin G7VHE

Email: esukq@warwick.ac.uk
--
+---+
| Martin Bowman - University of Warwick, Coventry, UK |
| - E Mail (esukq@warwick.ac.uk) |
+------------------ IF IT AINT BROKE - DONT FIX IT -----------------+

2869. Need Info on Mods for ICOM 290H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: <>
Message-ID: <DG6Hy6.4p20@austin.ibm.com>
Source record: 211524

Hello All,
A friend of mine in Europe would like to know about modifications
that can be made to the ICOM 290H to expand its receive
and send capabilities. If you know of any such modes please
send it to me at my internet id listed below. Thanks for
the help and information.
Larry Schroeder
lschroeder@vnet.ibm.com
KD4HSL

2870. MFJ Multicom software help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: willhelm@ix.netcom.com
Message-ID: <45bh1d$69j@ixnews5.ix.netcom.com>
Source record: 211525

I purchased a late production run MFJ 1278 Multimode controller this
last weekend at the local ham swapmeet. It included an original version
(original disks and original manual) of the MFJ Multicom software.
However, upon installation i find out that the main program file
"Multicom.exe" is corrupt and wont run properly. The disks also
contained another program called MFJCOM and it seems to do ok. However
i sure would like to find someone who can help with the Multicom
problem. If you have a copy of this package please contact me.
Thanks....Bill in Las Vegas, Nv.

2871. KR4FC - Trust him at your own Risk!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: Somebody@here.com
Message-ID: <Somebody.30.00354EEE@here.com>
Source record: 211526

KR4FC who lives in Georgia is a liar, and an asshole. Watchout for him and for God sake don't trust him to do anything or know any thing. He is a dumb ass!

2872. Re: Icom 735 vs. Ten Tec rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <45biub$9gg@safety.ics.uci.edu>
Source record: 211527

In <9510070511.AA24487@venus.atkc.com> davev@atkc.COM (Dave van De Kerk) writes:

>I have been contemplating an Icom 735, but I have heard very good
>things about the TenTec line.

>Goals:

>Very good CW performance - I haven't run voice in about 9 months.

Both of the brands will give you this. I have used the 735 and most
every Ten Tec made. The Ten Tec "feel" on CW is pretty nice, but
the 735 is too.

>Good rejection of transmitters on nearby frequencies. The Icom
>seems to pick up intermod.

The Ten Tec's will mostly blow the Icom away on this point. I am
speaking of the Corsair I and II, they both have VERY good front
ends that will handle all sorts of problems with ease. NOT that the
Icom is bad at it...the 735 is fine in this department, but the
Corsairs are amazing.

>Low TVI - I live in an apartment.

No differences I suspect.

>Reasonable price. I think the XYL will allow me to swing for the

Depends on the model of Ten Tec. The Corsair I with all the extras
can be $600 or more. The Corsair II is more. You can find bargains
at times.

>Reliability - I won't have a second rig.

I believe either one is fine. The Ten Tec's are easier to self service.

>Support and service - if it breaks I will need to get it fixed

Both are very good.

>WARC ham band coverage, but not reception on all the shortwave bands.

735 has general coverage, most Ten Tec rigs do not.

>Has SSB with reasonable receive and transmit quality in case I
>need it for emergency net use.

The Ten Tec will draw less current under the majority of circumstances,
depending on the model. They have less bells and whistles to draw current.

>Easy to operate. A basic rig. Doesn't have to do FM, packet,

This is the hallmark of the last few generations of Ten Tec.

>Must be able to take a bad SWR, at least long enough to realize

The 735 will do fine, it will just fold back the power output automatically.
If the SWR is bad, you put out very little or no power. The Ten Tec
rigs will generally still put out power into a bad SWR, but you must
quick-fuse or get a fast breaker on the power supply to protect the
finals if they draw too much current. The Tec Tec power supplies take
care of this.

>Compact size a plus, but I don't run mobile.

Most Ten Tec rigs are not as small as the 735. You might look around
to find the Delta II, it is probably comparable. I have not used
a Delta II. The Corsair is much larger than the 735, but not heavy.

>All digital, all solid state.

What is "all digital"? Digital display? Or do you want PLL circuitry?
The Corsairs use PTO's instead of PLL, and that results in a "quiet"
receiver. They have digital frequency counters for displays.

>No memory batteries that will suddenly leave the rig dead.

The Corsairs have no memory, no problem here. I do not know whether
a dead battery can "kill" the 735, I think not.

Hey, you are in Santa Ana? I live in Irvine, on campus at UCI. Try
the swap nets on 7240 on the weekends and you can get lots of local
info.

Clark
.....

Clark Savage Turner, Graduate Student Researcher
Software Engineering Testing
Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 824 4049 (714) 856 2131

WA3JPG, QRP #3526, active on HF, VHF and UHF.

2873. Re: NEED Manual IC-25A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: lager@primenet.com
Message-ID: <45ccm0$cqc@nnrp1.news.primenet.com>
Source record: 211528

Sergei Kulyov (skulyov@freenet.columbus.oh.us) wrote:

: Hi gang. I'm looking for the manual for the ICOM IC-25A 2 m radio.
: Will appreciate for any help.

I have a couple of 24ET dual bands and the manual. Is yours a dual band or just 2 m?

--

Home Page: http://www.primenet.com/~lager

2874. Re: IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <45a176$iq2@tilde.csc.ti.com>
Source record: 211529

Guess the saying goes...if it's too good to be true,
it probably is!

Happy with my Alinco DX70 --

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

2875. WTD: Kenwood RZ-1

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: Joe Farhat <farhat@eng01.psf.ge.com>
Message-ID: <45a45n$rfh@morgan.vf.mmc.com>
Source record: 211530

I'm looking for a Kenwood RZ-1 that is in reasonably good
condition. If you have one, or know where I might be able
to find one that hasn't been abused, please drop me a note

Thanks..... Joe

2876. Icom 706 and the UK 4M (70Mhz) band

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: jedc@midcoast.com.au
Message-ID: <DG5zwF.5B5@online.tmx.com.au>
Source record: 211531

Anyone in the UK found out if the 706 can be persuaded to operate on the 4M band , Iwill be coming back to the UK and am considering a 706 , I would like to get back onto 4

VK2AEC (G8GJY/G0GWH)

2877. IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8009-270994101@humnet.humberc.on.ca>
Source record: 211532

To those who were complaining about the 706 being deaf above
2 meters...
Is it okay BELOW 2 meters ?

In order to receive from 500 KHz to 200 MHz continuous, the front-end
would have to be pretty wide open...without a more expensive tracking
filter system frequency controlled by the microprocessor, the receiver
would be susceptible to intermod from strong signals on adjacent
frequencies.
I'm wondering if there was a particular problem with intermod on
2 meters during developement of the 706 and so maybe they utilized a
filter for 2 meters that inadvertantly attenuates the frequencies above.
Perhaps this filter is kicked in for 2 meter use by the microprocessor
but it doesn't take the filter out of line above 2m !? A mod to manually
disable the filter might yield better reception above 2m.

Anyone have a schematic of the 706 that they could share with me ?

Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
Visit our Website at http://humnet.humberc.on.ca/

2878. IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8009-204366601@humnet.humberc.on.ca>
Source record: 211533

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Is it okay BELOW 2 meters ?

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2879. Support for the Alinco DJ-S1

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: evelk@elektron.et.tudelft.nl
Message-ID: <45auob$cre@elektron.et.tudelft.nl>
Source record: 211585

I've just bought a second handed ALINCO DJ-S1E but I haven't got any doceumentation for it.

Can anyone please mail me if he has got some info for this 2M transceiver.

Thanx...

Also, is there a way to SEND on the 108-134 MHz band.. ??
When I'm trying do it sais: OFF

With kind regards,

E.vanElk@ET.TUDelft.NL

2880. RC 96 controller

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: nuv@inforamp.net
Message-ID: <459oir$o92@inforamp.net>
Source record: 211586

I have an ACC RC 96 repeater controller and manuals etc.. Can't believe they went "under" with no warning & hv left a lot of rptr owners in the lurch.. Anyone need any assistance?

VE3NU Paul Toronto, Canada nuv@inforamp.net

2881. Re: Kenwood TM-721 Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <459v26$kof@crow.cybercomm.net>
Source record: 211587
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Thor Rasmussen <rasmusst@metoc.fnoc.navy.mil> wrote:
>
> This is a multi-part message in MIME format.
>
> ---------------------------------1223564842420467739171545234 4
> Content-Transfer-Encoding: 7bit
> Content-Type: text/plain; charset=us-ascii
>
> --
>
> Thor Rasmussen (N6FNP)
> MPR Electronics
>
> ---------------------------------1223564842420467739171545234 4
> Content-Transfer-Encoding: 7bit
> Content-Type: text/plain
>
> I have a friend who is interested in selling his Kenwood TM-721 dual band
> mobile rig to me. I have some questions for anyone who is familiar with this
> radio:
>
> The price is $300. Is this a good deal on a radio of this age (late 80's), or
> should I consider buying a newer radio?
>
> Are there any inherent problems with this model?
>
> Any pertinant info on this radio would be appreciated!
>
****
Yeah! with Kenwoods latest track record telling people their radios
can't be fixed cause they no longer have parts..(newer radios)..I'd
be cautious not to invest too much in a radio that may soon only
be used as a planter...

WA2NHZ

2882. Price estimates for shortwave equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: hugh@hodain.ci.net
Message-ID: <HUGH.95Oct9114823@hodain.ci.net>
Source record: 211588
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.misc,rec.radio.shortwave,rec.antiques.radio+phono,sci.electronics

My mother-in-law has some shortwave equipment for which she has no use. She isn't looking to sell it, but she's considering donating it to a ham-radio teacher and would like to know how much it's worth. Any feedback on fair market value of the following would be appreciated. Since I won't describe the condition of the pieces in detail it would be easier if you can give three price estimates based on condition: Like-New (N); Typical wear and tear (T); Distressed (D). In fact, most of the equipment has been very well cared for. Feel free to fill in the blanks and return this to me. I'll summarize if there's interest.

Thank you very much.

Hugh
Hugh Secker-Walker | hugh@hodain.ci.net
(NeXTmail ok) | hugh@ear.mit.edu

Manufacturer Price Estimates
Description Like-New |Typical| Distress
==========

Drake
R8 Communications Receiver and Manual, Model: 1290 | |
Speaker, Model: MS-8 | |
Low-Pass Filter, 100 W, 0 -30 MHz, Model: TV-42-LP | |

Ten-Tec
HF Transceiver and Manual, Model: 546 Series C | |
Power Supply, Model: 255 | |
Antenna Tuner/SWR Bridge, Model: 228 | |
50 Ohm Dummy Load, 300 W for 30 sec, Model: 209 | |

HeathKit
9-Band Receiver, Model: SB-310 | |
Receiver, Model: Mohican | |
Antenna Noise Bridge and Manual, Model: HD-1422 | |
Active Antenna, Model: HD-1424 | |
Speaker, Model: SB-600 | |

Sony
Stereo Power Amp, 12 VDC, Model XM-41 | |
Stereo Power Amp, 12 VDC, Model XM-21 | |

Other
Morse Code Paddle | |

Morse Code Key | |
Assorted headphones, wires, adaptors,
connectors, insulators, coax, etc.
--
Hugh Secker-Walker | hugh@hodain.ci.net
(NeXTmail ok) | hugh@ear.mit.edu

2883. Re: Sale/Trade: QRZ Industries VB-8A Natural Voice Recorder

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: "Darryl Goebel, CCP" <dgoebel@execpc.com>
Message-ID: <45brmu$6m4@homer.alpha.net>
Source record: 211589
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Could you please tell me more about the unit??

How much was it new?
How much do you want to sell it for?

2884. Land Mobile Radio FAQ needs your input!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: randolph@est.enet.dec.com
Message-ID: <45bbhi$29s@mrnews.mro.dec.com>
Source record: 211590
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.swap

The Land Mobile Radio FAQ is now under way... I need your support!

What is it?

A listing of those surplus police and taxicab radios from the various manufacturers, how to identify them, what band they're on, how easy it is to tweak them into the ham bands, average price used, etc., all in one file for your flea market shopping convenience!

What it's not is a mod manual. You won't find out HOW to do the mods in the FAQ. That's up to you. You will find out where to get the manufacturer's manuals, most of which have detailed tuning procedures. Some of the radios can only be programmed by the manufacturer, and/or by using the manufacturer's proprietary software. Such details will be in the FAQ.

I'd like to include any and all mobile or handheld radios aimed at the commercial or public service market. Many of these out-perform the imported synthesized units by a long shot, are cheaper, and make great ham rigs! Let's put these great radios back to work and on the air!

I NEED YOUR INPUT TO MAKE THIS A REALITY!

You don't need to mail me manuals or anything like that, unless you WANT to. All I ask is a few bits of data for any of these radios you or your friends may have worked on in the past. If you've put one on the air, you've had to answer these questions, so fill 'em out and send 'em in!

Model? Manufacturer, model name (like Mastr II, Syntor, Delta, etc.), model number

Band? These radios are usually made for use in a specific band of frequencies, like 30-50 MHz, 150-170 MHz, 450-470 MHz, etc.

Freq control? Crystal, synthesized/ROM programmed, synthesized/microprocessor programmed

Average price? What did you pay? What prices did you see when shopping? New or used?

Manual price? How much did the manual cost?

Mod difficulty? How hard was it to get it tuned to ham band?
Easy: re-crystal, tweak a few tuning screws
Difficult: program a new ROM, swap a few parts
Extremely difficult: Major modification and re-design of some circuits, you must pay

authorized technician to use
manufacturer's software

How to indentify? What details do you need to know to tell these radios
apart? Does the serial number tell you anything? Does
the Model number? Are there physical differences?
This is the stuff you need to know when sorting
through the radios at the flea markets. This
information is usually in the manufacturer's manuals
in great detail.

I will re-post this notice about every other week for a while, until the FAQ
is somewhat filled out.

My net address is: randolph@est.enet.dec.com
All information, network pointers, periodical references, anything, is
appreciated, and thanks in advance!

-Tom R. N1OOQ randolph@est.enet.dec.com

2885. Any mods for IC-575 or IC-275?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <813232147snz@microvst.demon.co.uk>
Source record: 211591
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In the U.K we have a 70MHz band unknown in Japan and the U.S. Are there any out-of-band mods to any of the various models of the Icom IC-575 or the IC-275 which might allow me access?

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

2886. Ham shops in Houston area?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: jpardue@communique.net
Message-ID: <45b7hd$hjg_001@msy4.Communique.Net>
Source record: 211592
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Can anyone provide names or locations for Ham shops in the greater Houston area (50 mile radius, or so). I will be in the area soon and will have some time to kill (scattered over several days).

I would really like to browse shops with a decent display of equipment, old or new. Any information will be greatly appreciated.

Also, any tips on active 2m/70cm repeaters in the area.

JoeP, KK5SQ

JoeP

2887. Re: Ham shops in Houston area?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: lewis@phoenix.phoenix.net
Message-ID: <lewis-0910952123000001@dial20.phoenix.net>
Source record: 211593
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <45b7hd$hjg_001@msy4.Communique.Net>, jpardue@communique.net
(Joe Pardue) wrote:

> Can anyone provide names or locations for Ham shops in the greater Houston
> area (50 mile radius, or so). I will be in the area soon and will have some
> time to kill (scattered over several days).
>
> I would really like to browse shops with a decent display of equipment,
old or
> new. Any information will be greatly appreciated.
>
> Also, any tips on active 2m/70cm repeaters in the area.
>
> JoeP, KK5SQ
>
>
> JoeP

The only full service Ham Shop in Houston is up at Spring and it is called
Houston Amateur Radio Supply. The phone number is 713-355-7373.

As for 70 cm repeaters, I use 442.75, pl 103.5.

Enjoy,

Lewis
~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~

Lewis Stephens KC5PSX lewis@phoenix.phoenix.net Pasadena,Texas

~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~'`^`'~*-,._.,-*~

2888. Re: RC 96 controller

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <45b4no$1bi@news.halcyon.com>
Source record: 211594

I do not understand how anyone could have given warning about going out of business. I am sure no business would post signs saying " Buy from us as we may not be here tommorow if you don't ". Quite frankly many business' are in that boat.

The best way to surely go under is to tell everybody you may have to close the doors. Link Systems picked up the software rights and some parts for the ACC controllers. They may be able to help too.

Gary

2889. Setting up IC706 for FM repeaters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDG63Gn.JsD@netcom.com>
Source record: 211595

Today I decided to program some 2M repeater frequencies into my IC706.

I discovered that there are two ways: tedious and horrible. The tedious way involves separately programming the receive and transmit frequencies (along with PL) into the "A" and "B" VFOs respectively, then writing the whole mess to a memory. The horrible way involves changing the FM offset frequency (which is a power-on configuration, so you have to go thru the power on menu access procedure). The catch here is if you have one repeater on a +600 split, then you want to load in a repeater with a -600 split, you have to go thru the change to the split memory (again involving the power-on menu!).

Needless to say, Icom gives you the "horrible" version in the manual.

Save yourself some time and use the "tedious" method.

73 Dave WB0GAZ dgf@netcom.com

2890. Re: GMRS radio - features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: shc@mtsol.mt.att.com
Message-ID: <DG5uxM.8rt@nntpa.cb.att.com>
Source record: 211596

In article <9510061616291001@digcir.cts.com>,
Ej Johnson <ej.johnson@digcir.cts.com> wrote:
>DK<>Can some one please tell me what GMRS stads for ???
>
>Government Mobile Radio Service (or Ground I forget!)
^^^^^^^^^^^
It's General Mobil Radio Service

>
> EJ!
> N6OID
>
> * OLX 2.1 TD * I'm about as confused as a baby at a topless bar.

- Steve

2891. Re: Icom 735 vs. Ten Tec rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <45cno4$feb@safety.ics.uci.edu>
Source record: 211597

In <john-0810951725240001@wd1v.mv.com> john@wd1v.mv.com (John Seney) writes:

>In article <9510070511.AA24487@venus.atkc.com>, davev@atkc.COM (Dave van
>De Kerk) wrote:

>Ten-Tec doesn't have a $800.00 or under radio that is multi-band, do they?

Wow, well, not new right now. But neither does Icom make the 735 anymore,
so I assumed he meant on the used market. Ten Tec then has at least
8 models of radios that would compete with the 735 for under $800.

>751A a lot better. Hotter receiver - higher average SSB - built-in keyer
>is standard - and not much larger. Lots should be for sale as folks migrate
>to DSP based newer rigs.

Not a bad suggestion at all. However, it just knots me up inside when
we sell the American ham rigs short. So I jumped in :-) .

Clark
WA3JPG

2892. Re: TS-120

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <459ur1$kof@crow.cybercomm.net>
Source record: 211598

"Roy D." <red127@psu.edu> wrote:
>
> Sorry I can't help with your problem but in regards to the service I hear
> Groton Electronics in Groton Conn. (508-448-3322) is an excellent
> repair outfit. A friend recently had his TS-930 returned from Kenwood
> saying parts were not available and that the rig could not be fixed. The
> folks at Groton fixed it in 1.5 hrs. I have another friend in FLA. who
> got the EXACT same story on her 930. We're going to ship it up north and
> see what happens.
>
> Good luck. 73
>
Kenwood is doing this on a wide scale with all of their radios..
I know personally of people with 440's 940's and 850's that have
gotten the same story...guess they want to sell new radios and
they can't support the large inventory of parts since they are
the "rig of the month" club...I'm off their customer list...

WA2NHZ

2893. Alinco DJ-580T or DJ-582T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: "Jeff Fischer"@thefishnet.com
Message-ID: <8B2B322.00740006ED.uuout@thefishnet.com>
Source record: 211599

I am looking for your comments, or thoughts on one of two radios.
The Alinco DJ-580t or the DJ-582T which is the newer version of it.
I have been loyal Kenwood through the years, but their service has
gotten to be something to be desired in the last 5 or so years, and am
going to go on to another brand. Also they seem to be getting too many
bells and whistles on them, and I am looking for a basic Dual band
handheld with Encode/Decode CTCSS at a fair price.
I have a few of the mods for the 580 and what it is capable of doing,
does anyone have anything they would like to share on the DJ-582T, and
what is capable with it. I think they have knocked the 800 receive out
of it unless I am wrong.
Any info would be appreciated.

Jeff KB4MKL
jeff.fischer@thefishnet.com

2894. Re: Need Info on Yaesu FT900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: "Darryl Goebel, CCP" <dgoebel@execpc.com>
Message-ID: <45bq0g$6m4@homer.alpha.net>
Source record: 211600

I just bought one two weeks ago and installed it under my front seat with an Outbacker Perth antenna. The FT-900 is ABSOLUTELY the finest mobile rig I've ever used!! I've worked about 20 countries on all continents so far, and the signal reports are all exceptional. The noise blanker is exceptional, too! It would be kinda' a drag, however, for me to remove the unit from under the seat and move it inside, since I had to remove the seat entirely to install it!

I would agree w/Clarence Peckham who recommended to upgrade the filter to the crystal filter instead of the ceramic for home use.

Have fun!!

2895. HUSTLER MULTI-ANTENNA TO MAST COUPLER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-09 00:00:00 UTC
From: thooker@psl.nmsu.edu
Message-ID: <thooker.55.000CB59B@psl.nmsu.edu>
Source record: 211601

Hi everyone,
I am looking for a manufacturer of a certain type of antenna coupler. It allows several hustler resonators to be attached to the top of the hustler mast. I am familiar with the one that HRO sells, it is basically a trianglur piece of aluminum with holes in the corners, and the corners bent down at an angle. That is not the kind I want.

The kind I am looking for is manufactured from a solid stainless steel rod, which makes a cylinder about 1 1/4" diameter, and about 2 1/2" long. It is drilled and tapped axialy, and at 4 places around the perimeter. It is much sturdier than the piece a flat aluminum stock.

If anyone has some info on this, please let me know.

Thanks
Tracy
KA5ECS

2896. Kenwood TM241a Mods????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: mladejov@ced.utah.edu
Message-ID: <DG952K.5n7@ced.utah.edu>
Source record: 211452

Anybody have them. I've looked at funet, oakland, and buffalo...

Michael Mladejovsky, Phd PPsel
University of Utah, Center for Engineering Design, Salt Lake City, Utah
Ham Radio: WA7ARK Civil Air Patrol: Uncle Mike 41 Skylane N3453R
Opinions mine, not CED's

2897. Alinco DR600T 800mhz RX Restoration

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: emet@cnct.com
Message-ID: <45ea47$dgb@cnct.com>
Source record: 211453

Newd Help,
Is the a modification for the Alinco DR600T to restore 800 MHZ RX.
New models had this feature disabled. (We all know why).
If such a mod exists, please e-mail me at:

emet@cnct.com

Thanks
Emet

2898. Adding CTCSS Squelch to Santec ST200ET

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: David A Allen <davida>
Message-ID: <45euh1$54f@nonews.col.hp.com>
Source record: 211454

I'd like to add subaudible tone squelch (CTCSS) to a Santec ST200ET 2m rig (circa. 1983). Has anyone added CTCSS on this rig or one of similar vintage?

(Note: This project is for a blind ham friend of mine. The ST200ET has thumbwheel switches for setting the frequency, which really works well for his needs. The local repeaters are starting to require sub-audible tones to combat noise problems, which is what's driving the need here.)

Any help would be appreciated!

'73
Dave Allen, N0IPQ
davida@col.hp.com

2899. ICOM Parts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: Michael Stricker <stricker@ll.mit.edu>
Message-ID: <45e9nc$etp@llnews.ll.mit.edu>
Source record: 211455

I wanted to convey to the ham radio community the recent experience I had ordering an ICOM part for my IC02AT. The HT had a "dead" RF power module so I contacted ICOM USA regarding procuring a replacement part. I was told it would be $29.64 (which it was) plus shipping, less than $5.00 (actually $3.78). When I received the part, I was billed an additional $5.00 for "handling". When I questioned ICOM regarding this charge, they told me that was standard.

I guess I'm stupid because I still don't understand this charge. If the component costs $34.64, they should charge me that and not tack on an additional charge. If this additional charge is for extraordinary "handling", the least they could have done was to wrap it in an anti-static bag. I guess I'm very dissapointed with any company that stoops to these kind of charges to make an additional 16% (or so).

I just wanted to warn all of the public about this practice and hope that they learned something from my bad experience with ICOM. Does anyone know if Kenwood, Yaesu, or Alinco does this?

Mike Stricker, WA1SEO

2900. Re: IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: Grant Youngman <us007699@interramp.com>
Message-ID: <45ekqk$iqo@usenet1.interramp.com>
Source record: 211456

jreed@primenet.com (Jerry Reed) wrote:
>The fact that the 706 can not hear outside of the 2m ham band is a
>feature not a problem.

Finally!! A voice of reason crying out in the wilderness of "mod" fever.

Grant/NQ5T

2901. Re: "DC to Light" MOD for TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: Grant Youngman <us007699@interramp.com>
Message-ID: <45el51$iqo@usenet1.interramp.com>
Source record: 211457

alan.raskind@trw.com wrote:
>I understand that there is a "DC to Light" mod for the TM-742A so it can
>receive (only) in the 800MHz band.
>

The best way to get "Light" coverage for the 742A is to strike it forcefully with and axe. (Sorry couldn't resist). But this change certainly qualifies as a "mod".

Since it uses the same RF units as the 741A, the changes are probably similar. Among other things, you have to add an antenna which must be connected inside the RF unit. I've heard (unconfirmed by trying it -- I'm not much on "mods") that even then its relatively deaf. Sounds like it would be simpler, more effective, and potentially less destructive to buy a scanner .....

Grant/NQ5T

2902. Re: Two-tone FM deviation test? HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <45emnt$4a2@nlcnews.nlc.state.ne.us>
Source record: 211458

On 10 Oct 1995 04:22:04 -0400, n1qqv@aol.com (N1QQV) wrote:

>Charlie,
> As far as I know, the two tone test is for SSB not FM. If someone
>has developed another technique, I would like to know about it. You need
>a service monitor or a "Poor Man's" service monitor to set the deviation
>on an FM rig.
>
>73, Ken

Ah! A newcomer!

Splain it to him, Mr. Coffman. I haven't read any good stuff from you for a
few days!

(Ken, when he comments on this, read what Gary says. There is indeed an
accurate way to measure deviation without a service monitor. Service monitors
are relatively new to the industry. There are other ways.)

73,

Gary McDuffie, Sr. - AG0N - Scottsbluff, NE
Internet: mcduffie@hannibal.wncc.cc.ne.us
Packet Radio: AG0N@AG0N.#WNE.NE.USA.NOAM

2903. IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: jreed@primenet.com
Message-ID: <45e3uj$qrv@nnrp3.news.primenet.com>
Source record: 211459

The fact that the 706 can not hear outside of the 2m ham band is a feature not a problem. I already have a $50 scanner that works better than the $500 ham rigs that that use a choke and a capacitor in front of the highest gain transistor they can find and call it a front end. Yea ICOM, I hope other manufactors get the message. I will never again buy a vhf radio with a wide open front end. I want to listen to the ham bands not intermod or the police or boring cell phone calls.
73 KI7HD Jerry

2904. Re: IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: rph@sq.com
Message-ID: <1995Oct10.214802.7990@sq.com>
Source record: 211460

In article ab910@lafn.org (M. Davies) writes:
>Unless there's a mod. for VHF receive it goes, as I can't afford a
>$1299 sculpture !

There probably is; it'd involve soldering a length of copper wire around a well designed front end full of filters and highly linear RF preamps. Then you'll have the same quality front-end as a $130 scanner instead of a $1300 radio. Really.

You say you already have a PRO2006; try comparing its weak-signal sensitivity *within* the ham band to the Icom, especially when that 1kW pager you have nearby is going off. Dial up some very weak signal on the '706 (eg some conversation on a distant repeater, at barely S1) and listen for 10 minutes or so. Then, switch the antenna over to the PRO2006 to see how it fares over the same length of time.

The idea of listening for awhile is to give the pagers, passing cabbies and cop cars a chance to toss some RF at you. If you really want to get nasty, try keying up an HT tuned about 500kHz away or so from the monitored signal and see which radio desenses and which doesn't. Try it at different power levels and offsets.

If you don't find the difference worth the money, then you should indeed go and replace that rig with a cheaper model (ie one with a cheapo front end). Just don't expect much success at things like FM DXing, terrestrial SSB or satellites with it...
--
Pontus Hedman, SoftQuad Inc. Voice: +1 416 239-4801x236
rph@sq.com AX25: VE3RPH @ VA3BBS.#SCON.ON.CAN.NOAM

2905. Public Auction

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: tbarnes@magnus.acs.ohio-state.edu
Message-ID: <45d5hu$8c0@charm.magnus.acs.ohio-state.edu>
Source record: 211534
Cross-posted to: misc.forsale.computers.other.misc,rec.radio.amateur.equipment

My landlord asked me to post this in groups which might be interested:

PUBLIC AUCTION

Columbus, Ohio
at 11:00 Saturday October 14, 1995

* WATCHES by Rolex, Tag, Breitling, and Seiko
* ELECTORNIC ORGANIZERS by Casio, Sharp, and Rolodex
* COMPUTER GEAR: Computers, Printers and more
* BICYCLES by Schwinn 10 speeds
* AMATUER RADIO GEAR: Radios, amp boosters, 2 meter portables
* OFFICE EQUIPMENT: Desks, Filing Cabinets, Fax Machines, Briefcases
Telephones, Cell Phones
* VIDEO EQUIPMENT: Pro and amateur camers, recorders, effects, lights
* STEREO EQUIPMENT GALORE by Kenwoow, Fisher & Sony
* GUITARS & AMPS by Fender, Gibson, Rickeenbacker, Takiminie and Crate
* PHOTO EQUIPMENT: Strobes, Cameras, studio gear, gear bags and more
* MISC: Posters in frames, Paintball gun, scuba gear, tires, clothes
sunglasses, 24 inch Color TV

** MORE THAN IS LISTED HERE. CALL 291-7755 FOR MORE INFORMATION

Auction to be held at 84 E. 12th Avenue
(1/2 block from OSU)
TERMS CASH
THE DREXEL GROUP, INC.
REALTORS-APPRAISERS-AUCTIONEERS
84 E. 12th Ave.
Columbus, Ohio 43201

LIC & BONDED IN FAVOR OF THE STATE OF OHIO

-

2906. Re: IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDG7HuM.4xF@netcom.com>
Source record: 211535

M. Davies (ab910@lafn.org) wrote:

: I bought my 706 thinking it, like other Icom radios, did out of band
: receive and transmit with acceptable spec's. WRONG!!!

: My 706, like others on the net, is deaf as a post beyond the 2m ham band.
: 162.550 weather is loud and clear on my RS 2006 scanner with the built in
: whip. The 706 hears nothing there even when connected to my discone up 25
: feet! On 154.830, LAPD Tac, my 2006 again can hear the action loud and
: clear, sometimes without ANY antenna......the 706 hears nothing.

Oh my god! You mean Icom had the nerve to sell a radio that doesn't
double as an expensive, poorly implemented scanner? Jeez, I bet they
took out all the intermod susceptability too! Dang it to hell anyway!

When are these so-called ham radio manufacturers going to learn that we
all want the following features on our radios:

1) Receive 0Hz to 999.999THz. (So we can listen to cops and tow trucks)
2) Transmit 0Hz to 999.999THz (so we can "play cop" as well as listen to them)
3) Video games on the display LCD (Who needs a Gameboy anyway?)
4) 100,000 memories (Just gotta put that Timbukto repeater freq. somewhere!)
5) Tiny, tinny speaker. (Who actually listens to these things?)
6) 250 buttons (Waddya mean the MIDI port is optional?)
7) Cheezy construction (So we have an excuse to buy next month's model.)

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

2907. Re: MFJ-422B Keyer & TS-440?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: bhowell@mail.utexas.edu
Message-ID: <45cc89$bm8@geraldo.cc.utexas.edu>
Source record: 211536

bhowell@mail.utexas.edu (Bill Howell) wrote:

>I purchased used, an MFJ-422B keyer/paddle to use with my Kenwood ts-440s/at.
>It doesn't work correctly when the "direct out" is connected to the 440s' key jack.
>The "grid block out" jack doesn't work either *unless* I reverse the hot and ground leads.
>Has anyone else experienced this? This same problem occured when this keyer was used with an Icom rig.

>My question is: is it normal to have to reverse the keying lines, or is something wacky with the MFJ?

>Thanks,
>Bill Howell N5ALO
>bhowell@mail.utexas.edu
****
Problem has been corrected...MFJ installed a diode *backwards* in the
unit. Works fine now

Bill N5ALO

2908. Opinions, info on Drake TR7

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <45cga3$97k@pulp.ucs.ualberta.ca>
Source record: 211537

Hello,
I currently own Drake B twins and an R8, and have enjoyed Drake stuff. I am putting the feelers out for a TR7. I am interested in opinions on the TR7. I have heard that the early serial numbers had a problem with the driver board, but the later ones were okay. I also understand that the rigs were not WARC capable off the line, but that the transmit inhibitor can be disabled fairly easily for wider TX coverage. I have also heard that the TR7 filters and noiseblanker were optional, but that the TR7A had the blanker and other options built in. Can anyone clarify these issues for me? How much should I spend on a nice unit? Have any of you had real problems with the rig?
Thanks,
Chris VE6RDC

2909. Re: 10 meter amp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: "Thomas C. J. Sefranek" <wa1rhp@wa1rhp.iii.net>
Message-ID: <45cin3$p6o@news.iii.net>
Source record: 211538

With no name or callsign, you must be joking!

On the otherhand, if your new to ham radio please E-Mail
me @ sefranek@iii.net (send your callsign) and I'll be
glad to give you pointers.

Tom

2910. Re: FT-2500M MODS???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: eric@sierra.net
Message-ID: <45cs60$d9c@jobes.sierra.net>
Source record: 211539

Hi Jonathon,

The Mod is as follows:

{1} Turn off and unplug FT-2500M from power supply/battery.

{2} Remove top cover {two screws}.

{3} Find and cut the "green loop" of wire.

{4} Make sure insulate the ends of the wires.

{5} Replace the cover and attach radio to power.

{6} Turn on radio!

That's it. It will open up the rig from 120mHz to 180mHz Rx and Tx.

On 1 Oct 1995 21:31:27 -0400, panther@atl1.america.net (Jonathon B. Reich) wrote:

>Does anyone have any mods for the FT-2500M ??
>
>Thanks..

2911. Re: BNC Woes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Oct10104758@rinhp750.gmr.com>
Source record: 211540

In article <453q2o$foo@fnnews.fnal.gov> Dave <peterson@fnal.gov> writes:

> Carrying my dualband HT (Yaesu FT-470) with me everyday causes
> considerable wear on the BNC connector.
<rest deleted>

I had a similar problem with my icom w2a and aftermarket telescoping (fairly rigid) antenna. After replacing the connector on my radio I came up with a fix that actually makes things BETTER. I use two 90 degree angle connectors. That allows me to position the antenna with two degrees of freedom and move the disconnect point away from the radio to an easily replaced right angle connector. When hung on my belt, the antenna is usually positioned to hang beside the radio, not sticking up into my armpit. When laying down on a table, I can position the antenna to stand vertically for best reception. It's a win-win situation.

You can get them at Radio Shack for $3.99 each (part number 278-116).

--
Val Breault vbreault@gmr.com \ /| ars N8OEF
GM R&D Center - instrumentation dept. \ / | pres GM ARC
My opinions are not necessarily those \ /__| HF mobile on
of GM R&D or of the GM Corporation. \/ |___ 14.200 +/-

2912. Re: MFJ-422B Keyer & TS-440?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <45dnoe$etg@newsbf02.news.aol.com>
Source record: 211541

In article <45cc89$bm8@geraldo.cc.utexas.edu>, bhowell@mail.utexas.edu (Bill Howell) writes:

>**********
****
>Problem has been corrected...MFJ installed a diode *backwards* in the
>unit. Works fine now
>
>Bill N5ALO

Hi Bill,

I got a little worried when I read the one page technical lecture explaining, QUITE INCORRECTLY, why the keyer could never work with a transistor in the output. I was hoping you'd just send your keyer in to be fixed, hi.

Glad it was something so simple!

73 Tom

2913. eto 91 beta amplifier ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: morel@shani.NET
Message-ID: <9510101620.AA39799@shani.net>
Source record: 211542

hello !

i'm looking for the impressions and reviews on eto 91 beta amplifier.

73 de morel 4x1ad

2914. svetlana tubes denomination

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: morel@shani.NET
Message-ID: <9510101620.AA39796@shani.net>
Source record: 211543

hello !

i'm looking for the russian denomination for the svetlana ceramic tetrodes 4CX600, 4CX800 and 4CX1600. i know that their original names are beginning with GU-.....

73 de morel 4x1ad

2915. Re: Kenwood TS-870 first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: Joe <joentam@transend.com.tw>
Message-ID: <45d3b1$kks@keelung.transend.com.tw>
Source record: 211544

Better listen to the OM!

2916. Intermod on Yaesu FT-2200

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: killian@aztec.asu.edu
Message-ID: <45e076$jg1@news.asu.edu>
Source record: 211545

Does anyone have experience with intermod on the FT-2200? I am considering buying one.

My friend has a 2500 and he says that intermod is non-existant. Is the 2200 as good?

Also, anyone know what the DVS-3 is exactly?

Thanks
Mike
KC7JGC

2917. qrz-industries info ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: morel@shani.NET
Message-ID: <9510101620.AA39818@shani.net>
Source record: 211546

hello !

i'm looking for the adress, phone # and especially fax # of the
"qrz-industries". they are not in "qst"
or "cq" list of advertisers.
is any catalog available from this company ?

thank you in advance for answer

73 de morel 4x1ad

2918. Yaesu FT2700RH mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: Neil Hosker <neil@morgan2.demon.co.uk>
Message-ID: <894664442wnr@morgan2.demon.co.uk>
Source record: 211547

Does anyone have details of how to extend the coverage of the FT2700RH?

Neil Hosker G8UEK EMail neil@morgan2.demon.co.uk

2919. second hand hf amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: morel@shani.NET
Message-ID: <9510101620.AA39814@shani.net>
Source record: 211548

hello !

i'll be in usa next month and i'm interested to buy a good second hand hf amplifier (us-made only) .
i'll be in the following areas: new-york, new jersey, long island, chicago, los angeles and san francisco. i'm ready to pick up the amp on a 200 miles radius.

i'm looking for the following models:

alpha 77, 86 or 89
commander hf-2500, hf-1250
tentec titan 425
ameritron al-1500, al-800h

ten-tec centurion and drake L-7 are second choices on my option list.
.....?
sorry, i don't know at all the henry's.
please let me know if you have one of them.

73 de morel 4x1ad
e-mail: morel@shani.net

2920. Another GMRS Question - Durability?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: wwhitby@aol.com
Message-ID: <45eb5f$muv@newsbf02.news.aol.com>
Source record: 211549

I am seriously considering buying two, possibly three, Maxon 210+3, GMRS radios. My concern with them is durability. I need radios that won't fall apart if they take a short drop.

If anyone who owns a Maxon can e-mail me any information on how durable they are, I would be very grateful.

Thanks in advance,

Warren Whitby
wwhitby@aol.com - Home wwhitby@lan.mcl.bdm.com - Work
Ham radio: KE4ITL

"For whosoever shall call upon the name of the Lord shall be saved."
Romans 10:13

2921. Re: Kenwood TS-870 first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <45eaa3$b5o@tivoli.tivoli.com>
Source record: 211550

In article <45cnuc$cat@nlcnews.nlc.state.ne.us>, mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.) writes:
|> On Mon, 09 Oct 1995 04:58:56 GMT, n0jmk@mcn.net (Gary L McDuffie Jr) wrote:
|>
|> >On 8 Oct 1995 18:13:07 GMT, zamo@teleport.com wrote:
|>
|> >>I paid $2700 for the TS-870 and $280 for the PS-52. This is my first
|> >>Kenwood rig, and I'm impressed. If you all have more questions, I would
|> >>be happy to give you my candid opinions.
|>
|> >>73,
|>
|> >>Jim
|> >>N7IHQ
|>
|> >Jim,
|> > Thank you for one of the most complete reviews of the 870. I am a
|> >die-hard KENWOOD fan and, unfortunately, all of the reviews of the 870
|> >I've seen, have been negative. Glad to here you liked it and I'd be
|> >interested to find out how the Windoze software runs and how much is
|> >configurable throught the computer that can't be changed anywhere
|> >else. (Are these changes permanent? ie, unhook from computer and
|> >take mobile?) Anyway, I look forward to hearing more on KENWOODS
|> >newest "wonder-rig."
|>
|> >Gary / N0JMK
|> >n0jmk@mcn.net
|> >N0JMK@N7SEE.#GTF.MT.USA.NOAM
|>
|>
|> Let me get this straight... 10:1 negative to positive postings and you are
|> going to bite on the positive one??? Hmm...
|>
|> By the way, good question about the storing of parameters. I had wondered the
|> same thing. Anxious to hear the answer.
|>
|> Your sig looks familiar! Naw....couldn't be.
|>
|> Gary McDuffie, Sr. - AG0N - Scottsbluff, NE
|> Internet: mcduffie@hannibal.wncc.cc.ne.us
|> Packet Radio: AG0N@AG0N.#WNE.NE.USA.NOAM
|>

I'm highly suspicious of the so-called IF DSP on the 870. Interesting
that the "IF" DSP processing is done at 11.3 kHz; it sounds like perhaps
they did it this way so that they could advertise "IF" DSP. Since the
870 has no provisions for optional crystal filters at the higher IFs,
it seems that you essentially end up with no benefits a good audio DSP
can't provide, and you don't get the benefits of proper IF filtering either.
I'll be interested in what the reviews have to say about the 870, but
right now I have no plans to sell my 850/DSP-59+ combo.

73,
Jeff, KC1MK

2922. IC-706 SEMANTICS of advertising

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-10 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <45efqv$i4n@cville-srv.wam.umd.edu>
Source record: 211551

I have a problem here. The 706 (no, I don't own one)
looks great. They even advertise it as being able
to receive up to 200 MHz!

Seems to me this in untrue. I had an IC-2SAT that
would "receive" after modification from 0.00 to
1300.00 MHz without gaps! Of course, outside of
the range of 138-174 MHz, it was completely useless.

But note that it was sold being able to receive the
138-174 MHz range, and it DID it out of the box
with reasonable sensitivity! I wouldn't advertise
it as an R-1 2m rig, even though it would TUNE
the same range that an R-1 would.

Just because a radio TUNES a frequency range does
not mean it RECEIVES that range. Sorry, but the
numbers posted on the 706's performance do not indi-
cate that it can RECEIVE up to 200 MHz.

Like my Alinco DR-1200T hearing the 380 and 860 MHz
bands...sure, the display says something, but you
sure won't hear what's there...
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...

2923. Mods for Alinco DR-610

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: dbrewer@nr.infi.net
Message-ID: <45f4e6$brk@allnews.infi.net>
Source record: 211461

Does anyone know of any modifications that can by done to the Alinco DR-610. It is a 2m/440 dual band mobile. It is the latest model. I don't expect that there is much information on this
subject yet because the radio is so new. Any replies via e-mail or here would be appreciated.

Daryl Brewer
dbrewer@nr.infi.net

2924. Collins Radio Historical Photos

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: dmedley@indirect.com
Message-ID: <dmedley.19.02CD3B8C@indirect.com>
Source record: 211462

When The Collins Radio Company was acquired by Rockwell International a lot of Collins memorabilia was trashed. I was working for Collins at that time and managed to salvage some items as I was contemplating writing a history of the company. This never came to anything and most of the material I had collected has been placed elsewhere. However I do have left a very interesting set of B&W photos from the very early days in Cedar Rapids. Included is a photo of what I believe to be Arthur Collins Senior.
I am not trying to sell these but merely trying to find somebody or some institution who would appreciate and look after these artifacts.
There are 11 photos in all 19x16 inches very clear and in perfect condition.
Ideas to dmedley@indirect.com

2925. Re: Opinions, info on Drake TR7

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: gsmlrn@gsm001.mendelson.com
Message-ID: <1995Oct11.054451.27680@gsm001.mendelson.com>
Source record: 211463

Chris Dorn (cdorn@gpu.srv.ualberta.ca) wrote:
: Hello,
: I currently own Drake B twins and an R8, and have enjoyed Drake stuff.
: I am putting the feelers out for a TR7. I am interested in opinions on
: the TR7. I have heard that the early serial numbers had a problem with
: the driver board, but the later ones were okay. I also understand that
: the rigs were not WARC capable off the line, but that the transmit
: inhibitor can be disabled fairly easily for wider TX coverage. I have
: also heard that the TR7 filters and noiseblanker were optional, but that
: the TR7A had the blanker and other options built in. Can anyone clarify
: these issues for me? How much should I spend on a nice unit? Have any of
: you had real problems with the rig?

I have a tr7 and I think it's great. The only problem I have with it is
that I can't get a 6khz am filter for it, so I have to use another
receiver for short wave listening. IR&C makes ssb and cw filters for
it, but no AM filter. Anyone have an AM filter for sale or know where
to get one?

The receiver is very sensitive. I have an MFJ 20m qrp rig that was very
carefully tuned for optimum sensitivity. The tr7 "hears" better even
when my antenna switch is set to the MFJ (about 40db loss to the tr7).

When I got my rig, it did not tune below 14.100 and the 40m sensitivity
was poor. The rig had sat in a basement for years and some of the
contacts were corroded. The radio has internal circuit cards, like an
IBM PC. I opened it up and reseated each card and cleaned an internal
coax connection coming off the frequency counter board. Now it works
fine.

In ssb mode, it sounds pleasant and I have gotten compliments on the
audio.

The transmit coverage can be opened up to the warc bands by adding an
aux-7 board. The board needs special ics (13 common cathode diodes)
with pins cut. The aux-7 instructions and the service manual tell you
what pins to cut. I had no trouble finding an aux-7, you may as the
have not been made for years. The diodes ics are about US$3.00 each.

I paid US$400 for my used tr7 and US$250 for a brand new, in box, ps7 power
supply. I have seen the radios go for as high as us$650 each, and complete
stations from as low as US$600 to US$1200 depending upon condition, and
what accessories were included.

The service manual is very large and has several three page wide schematics.
If you don't get one with the radio, pay the $70 for a copy. Do not try to

get another ham to copy one for you.

Since the Soviet over the horizon radar disappeared, I have not much call for a noise blanker, but you may.

Note that the radio has no memories, computer control, fm, automatic antenna tuner, etc. If you want a "video game" with similar performance, I suggest that you get a Kenwood ts850sat. If you don't need or want all that stuff, get the tr7.

73,

Geoff.

--
Geoffrey S. Mendelson (N3OWJ)
President, Mendelson Computer Consulting, Inc.
Voice (215) 242-8712 Fax (215) 242-3116 Email: gsm@mendelson.com

2926. Re: KR4FC - Trust him at your own Risk!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: danb@a.crl.com
Message-ID: <45fakp$af7@nntp.crl.com>
Source record: 211464

Somebody@here.com wrote:

[nice flame snipped]

Nothing like a nice, well-reasoned, thoughtful, factual warning from a
fine, upstanding, courageous member of our community... NOT!

--
Dan Brown, KE6MKS
danb@a.crl.com, NOT danb@crl.com
Don't tread on me.

2927. Help. Need FT-8500 Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: John Maio <jmaio@swcp.com>
Message-ID: <45fbpi$26t@sloth.swcp.com>
Source record: 211465

I need the mod instructions for a Yaesu FT-8500. Can anyone
please help.

Post here or e-mail (preferred).

John
WB2ARS

2928. Need info!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: bsig@hafro.is
Message-ID: <bsig.3.0011B7CE@hafro.is>
Source record: 211466

Hi!

I am looking for a counter module to use as a tuning indicator with an FM broadcast receiver. All suggestions apreciated.

Please e-mail only to bsig@hafro.is as I can only read this group infrequently.

Bjorn Sigurdarson, bsig@hafro.is

2929. Re: Alinco DJ-580T or DJ-582T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: ga19989@evax01.d51.lilly.com
Message-ID: <1995Oct11.153815.1@evax01.d51.lilly.com>
Source record: 211467

In article <8B2B322.00740006ED.uuout@thefishnet.com>, Jeff Fischer@thefishnet.com (JEFF FISCHER) writes:
> I have a few of the mods for the 580 and what it is capable of doing,
> does anyone have anything they would like to share on the DJ-582T, and
> what is capable with it. I think they have knocked the 800 receive out
> of it unless I am wrong.
> Any info would be appreciated.
>
> Jeff KB4MKL
> jeff.fischer@thefishnet.com

Jeff... I have one of each... the 582 does NOT have the 800 mhz receive modification possibility, but after hearing what is up there I am thinking that is not a big deal

If you are old (like me) the letters on the keypad are a little bigger on the 582... both keypads are not for fat fingers... the displays are the same, and require reading glasses to see anything other than the numerals.

The 580T has a better backlit display... more even lighting and not as many dark patches.

However, the 580T is a little less sensitive to intermod... primariliy because it seems to be less sensitive altogether... both HT's receive repeaters beyond the range of the 5 watt transmitters, so for the money I wish I had bought a second 580T... it IS nice having interchangeable batteries, rubber ducks, etc.

I use the radio shack speaker/mic (about 25 bucks) which seems to perform better and sounds less tinny both ways than the Alinco spkr/mic.

Mel... KJ9C

my opinions... my company has their own, and we disagree a lot

2930. Kenwood R5000

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: william@euronet.nl
Message-ID: <william-1110952134280001@p106.asd.euronet.nl>
Source record: 211468

Who nows if there are nice modifications for this nice reciever.

Perhaps a cheap converter (general coverage)
RS232 Macintosh Programs (this is very importante)

etc etc etc etc etc

--
William Lagerberg
Radio amateur licence: Pe1bsb
Email william@euronet.nl
Active macintosh user

2931. Re: 1000's of Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: william@euronet.nl
Message-ID: <william-1110952139070001@p106.asd.euronet.nl>
Source record: 211469

I like to now what modifications there are for next one's

AEA
PK88

KENWOOD
TH79A, R5000

Let me now please

--
William Lagerberg
Radio amateur licence: Pe1bsb
Email william@euronet.nl
Active macintosh user

2932. Re: Antenna Tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: paulz@sc.hp.com
Message-ID: <45hcmu$muh@hpscit.sc.hp.com>
Source record: 211470

John Greene (John_Greene@hgsi.com) wrote:
: Can anyone give me some advice on what antenna tuner to buy? I have
: heard one ham complain that the MFJ's were a bit flimsy and overly
: sensitive (difficult to tune). I know Tucker makes tuners - are there
: any other 300W tuners people would recommend? Thanks for the help!

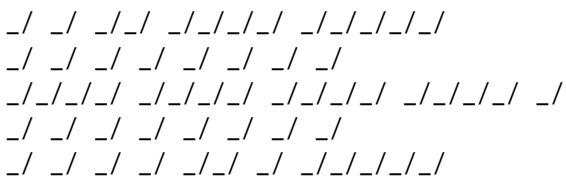
: John, N3VLL

It would help if you would tell us something more than 300 watts.
What frequency band(s)? What sort of antenna? Some hams use tuners
for short mobile whips; others use them for big wire arrays.

Will you be using coax or balanced line between the antenna and tuner?
Although many tuners have a couple ferrite cores to act like a balun
on the tuner output, I don't think that is a very good idea. Baluns work
best if used with used with a well defined impedance like 50 ohms in and out,
or 300 in and 75 out. If a balun is used for impedances far removed
from the nominal, it probalby won't work too well. It might not act
like a balun, or it might be lossy or both.

If you are planning to use balance line to the antenna, look for one
of the vintage Johnson Matchboxes.

73, Paul
paulz@vid.hp.com



2933. Re: ICOM Parts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: erikw@well.sf.ca.us
Message-ID: <45gdke$osp@nkosi.well.com>
Source record: 211471

I run a lot of older Icom gear- I am in mortal fear of the problem
we have been reading about with another radio supplier- not having]
parts at all for older rigs...I would much rather over pay for a
part for a seven year old radio, than have to throw that radio away...
The carrying costs of keeping parts around on the shelf for years are
huge...Those companies who close out parts for older radios will not
get my new radio business....

Erik

2934. Re: FT-2500M MODS???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: dave@I_should_put_my_domain_in_etc_NNTP_INEWS_DOMAIN
Message-ID: <45ghim$ojb@feenix.metronet.com>
Source record: 211472

panther@atl1.america.net (Jonathon B. Reich) wrote:

: >Does anyone have any mods for the FT-2500M ??

Cut the green wire on top of the upper circuit board for extended TX.

73,

dave

--
Dave Rogers Internet : mandr@metronet.com
M & R Software, Inc AMPRnet : kc5iye@kc5iye.ampr.org
Plano, Texas CIS : 76672,2455

2935. Re: ICOM IC-2340H - what is modified freq range?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: "Erik Finskas (csb1_95)" <finskase@ee.port.ac.uk>
Message-ID: <45g30b$lqn@hawk.ee.port.ac.uk>
Source record: 211473

It is possible to modify the freq. range, but I don't remember how to do it. Basically, at the processor board (between the display unit and the radio units) there are normal size diodes, one of them is for wide RX, second for cross-band repeater enable and third is just there, find no documentation about it. The radio will receive after modification 108-174, 320-480 and 800-950 IF there is the 900MHz front-end card installed. The front-end card is on the speaker side of the radio, and it is standing middle of the board. If it is, you still have one problem, you need a extra antenna connector for 900MHz. I used a SMA connector (very small) and fitted it to one of the free metal plates used to cover places for cable connections (there should be one free)

The sensitivity for AM airband, 108-136MHZ is not so wonderful and they should do something with the AM detection, it sounds like FM.
136-174 is very sensitive due the wide front end, which will be connected online when outside 2m ham band 144-146.
320-479 is also sensitive, there is also another wide front end for out band reception and narrow one for 70cm.
800-950 is a dream, it is just as sensitive as it should be, at cellular band it does not hear any interference from powerful base stations nearby, just the channel you are listening. Only problem is, that IF filters are mainly for 25kHz channel step, and cellular phones use mainly 12,5kHz, so if there are two conversations going on on neighbour channel, they may interfere a bit each other.

Erik
--
Erik Finskas G/OH2LAK
Email Finskase@ee.port.ac.uk
University of Portsmouth, UK
Department of Electronic and Electric Engineering

2936. Re: ICOM Parts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: bhackett@ic.net
Message-ID: <45gj01$94q@condor.ic.net>
Source record: 211474

Thanks for the tip on ICOM Mike. I also have an IC02AT with no xmit power. I was just about to ship it to ICOM for repair. I put the HT on a Bird, keyed the transmitter and saw no power indication on the meter; but the LCD shows a full scale indication. I tried another meter with the same results. I thought the LCD measured the RF at the antenna connector??? Also, I can key up a repeater 5 miles away. Have any ideas. Anyway, thanks for the tip.

2937. Re: Opinions, info on Drake TR7

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <45gu1n$1pii@ns3-1.CC.Lehigh.EDU>
Source record: 211475

In article <1995Oct11.054451.27680@gsm001.mendelson.com>, gsmlrn@gsm001.mendelso
n.com (Geoffrey S. Mendelson) writes:
>Chris Dorn (cdorn@gpu.srv.ualberta.ca) wrote:
>: Hello,
>: I currently own Drake B twins and an R8, and have enjoyed Drake stuff.
>: I am putting the feelers out for a TR7. I am interested in opinions on
>: the TR7. I have heard that the early serial numbers had a problem with
>: the driver board, but the later ones were okay. I also understand that
>: the rigs were not WARC capable off the line, but that the transmit
>: inhibitor can be disabled fairly easily for wider TX coverage. I have
>: also heard that the TR7 filters and noiseblanker were optional, but that
>: the TR7A had the blanker and other options built in. Can anyone clarify
>: these issues for me? How much should I spend on a nice unit? Have any of
>: you had real problems with the rig?
>
>I have a tr7 and I think it's great. The only problem I have with it is
>that I can't get a 6khz am filter for it, so I have to use another
>receiver for short wave listening. IR&C makes ssb and cw filters for
>it, but no AM filter. Anyone have an AM filter for sale or know where
>to get one?

Have you considered putting in a capacitive impedence matching network
off the AM Mode selector switch to bypass the present 3 Khz Filter.
Given the strength of Broadcast AM , if it is a problem, a simple
two pole descrete crystal filter network around the the current
filter may be a solution.. Drake is still in business. They aren't
in Miamisburgh but I believe they are in the Columbus, Ohio area.
Check out the October edition of QST for a Drake Communicatios Co.
Advertisement

Something to think about...

73's Dick K8WHA

>
>

2938. IC-2510... what is it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: moyers@cti-pet.com
Message-ID: <moyers.13.05B6ABAD@cti-pet.com>
Source record: 211476

I heard reference to an IC-2510 last night and do not recall what that rig is.
Can anyone help?

Clif
WA4BKY
(moyers@cti-pet.com)

2939. SIGNAL ONE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: Joe <joentam@transend.com.tw>
Message-ID: <45gl43$f3g@keelung.transend.com.tw>
Source record: 211477

Anyone remember the CX Signal One HF transciever? It was one of the premier HF solid state rigs, digital, with loads of bells and whistles. Vintage was about 1978 or 1979, about the time Kenwood introduced the ts-120 and ts-180, icom released the 701, Drake had the R5 and R7A, etc.

Looking for history about the CX Signal One, origins, if anyone uses 'em today, opinions, etc. Reason? I found an old QST and never heard about this rig other than what I read in the adds then and again now.

Also..did Atlas ever release their 350 HF rig? Just curious...the QST was advertising the 215 and 210X as being the latest and greatest of mobile operation...cool, huh? And that was only 15 yrs ago.

thanks,
Joe

2940. Re: 1000's of Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.7273.7583.0NFBB49C@woodybbs.com>
Source record: 211478

Over the years I, too, have aquired many easy and hard to find HAM &
SCANNER mods. I offer them completely free of charge to ALL my BBS
Users (ATTENTION to Details BBS - 909-681-6221). And they are available
many other places absolutely free of charge.

Got anything unique to offer us?

Clint Bradford

* 1st 2.00 #8286 * ATTENTION to Details BBS - 909-681-6210. EFF/ESC/ASP/AOP.
---

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

2941. Another GMRS Question - D

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.7274.7583.0NFBB4A0@woodybbs.com>
Source record: 211479

Subject: Another GMRS Question - Durability?

>>If anyone who owns a Maxon 210+3 can e-mail me any information on how
>>durable they are, I would be very grateful.

I tested one last year before they were publicly available. There are
over 40 of them in use daily out here in SoCalifornia that I am aware of
- in use by REACT Team Members. I have two myself.

They are NOT built as rugged as, say, the Icom U-16. But they're 1/3
the cost of the Icom, too.

I originally had doubts that the spring steel used for the belt clip
would withstand everyday use - I was wrong. All is well in that
department.

Changing batteries all the time - and no problems in that area, either.

The panel lights are, well, inadequate...but that isn't unusual.

What else can I say? It's the best deal going for serious GMRS
communications work.

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221

2942. Land Mobile Radio FAQ you

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.7275.7583.0NFBB4A1@woodybbs.com>
Source record: 211480

Subject: Land Mobile Radio FAQ needs your input!

>>The Land Mobile Radio FAQ is now under way... I need your support!

Prior to the 1990s, new GMRS radios were usually available only from local two-way radio vendors, or directly from the radio manufacturers themselves. When the radios were purchased, the manufacturer or vendor would install the appropriate crystals (or program the transceiver) for the specific one or two channels or channel pairs authorized on the purchaser's license.

In the last four years, GMRS radios have become increasingly available through national mail-order outlets, and through local consumers' electronics stores. Most of the radios available from these sources are pre-programmed or pre-crystaled for operation only on specific channels. Some models can be reprogrammed or recrystaled for other GMRS channels, but other models cannot be so changed.

Some confusion has developed as to which channels are installed or available in the different models of radios available from these mail-order sources and from these local stores. The advertisements for these radios sometimes don't identify the specific channels, or sometimes even identify the WRONG channels!

There is also some confusion as to what the capabilities and technical specifications are for these radios. Many models available from mail-order sources are NOT SUITABLE for GMRS repeater use, for example. (Repeaters are a special kind of GMRS base station, usually mounted on a tall building or tower, which repeat the signals of GMRS mobile units. From their advantageous mounting height, repeaters can substantially extend the communications range of the mobile units communicating through them.)

However, one recently introduced model (Maxon's GMRS 210+3, described later) IS capable of repeater operation. The new model offers certain highly desireable, user-friendly capabilities that will most certainly have a dramatic impact on the GMRS market. (Almost every other handheld radio is now out of date and/or over priced!) ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

The reference to "CTCSS" below refers to the kind of subaudible tone control ("continuous tone-controlled squelch system") needed to activate a repeater. For a GMRS radio to be able to communicate through a local repeater, it must be able both to transmit on the repeater INPUT frequency (in the 467 MHz band), AND to impose a CTCSS code onto that signal. Different repeaters use different CTCSS codes, and you need to adjust or to reprogram the code for the particular repeater which you wish to use.

Many of the radios described below do NOT have a CTCSS capability, and some cannot also transmit on the 467 MHz primary channels used for the repeater INPUT signals. In either such case, that model is not capable of operating through a GMRS repeater.

==========

Maxon model GMRS 210+3:

This model, introduced in late December 1994, has capabilities unlike ANY other currently available GMRS transceiver. Some of these features are highly prized by GMRS personal users.

10-channel positions:
Channels 1 through 7: the seven non-repeater "interstitial" frequencies (462 MHz only).
Channel 8: the 675 channel, user selectable from the front panel for EITHER repeater or direct communications.
Channels 9 and 10: dealer programmable for any 2 of the other 7 PRIMARY channels, also front-panel selectable for either repeater or direct communications.
With the front-panel repeater offset selection for channel positions 8 through 10, this could actually be considered to be a THIRTEEN-channel radio!

CTCSS tone-code selection:

FRONT-PANEL USER SELECTABLE for ANY of the approximately three dozen common tones, plus another dozen extended and "in-between" tones, a total of fifty. The user can quickly change the tone code on any channel. The capability to change the code no longer requires access to internal programming or the use of a special external programmer. It's all accessible on the front panel.
~~~~~~~~~~~
This is the first UHF transceiver since the mid 1970's designed exclusively for the GMRS with a repeater capability. It is also the first GMRS radio EVER with user-selectable multiple CTCSS codes.
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Transmitter output power:

Depending on the battery or power source, from 2 to 5 watts output, with a low-power (1 watt) front-panel selection.

Price: $299 suggested retail. However, this radio is widely advertised by mail-order vendors, with a sale price in the $195 to $200 range.

Other: Comes with a 16-hour charger (a desktop rapid-charger will be available later), cigarette lighter plug (for 5-watt vehicular

(Continued to next message)

2943. Land Mobile Radio FAQ you

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.7276.7583.0NFBB4A2@woodybbs.com>
Source record: 211481

Subject: Land Mobile Radio FAQ needs your input!

(Continued from previous message)

operation), nylon handstrap, and licensing instructions.

Availability: Call MAXON SYSTEMS (1-800-922-9083) to request the name
and address of your nearest Maxon dealer. These radios
are also available from certain mail-order vendors. Two
whom we know of in particular are: Sports-Comm Distributing
in OR (1-800-573-2256) and Communications Electronics in MI
(1-800-USA-SCAN).

Normally we don't HYPE a particular model or manufacturer. This Maxon
model GMRS 210+3 represents such a SIGNIFICANT ENHANCEMENT over other
GMRS radios (ANY model, ANY manufacturer) that we wish to give it the
maximum possible exposure. Maxon is to be commended for finally intro-
ducing a GMRS radio model that incorporates features which personal users
have long sought but which have been unavailable on any prior radio.
(The other models described below pale by comparison. They're OBSOLETE!)

==========

RADIO SHACK Model PRS 100 (also manufactured by Maxon):

Channel 1: TX 462.6375 MHz, RX 462.6375 MHz
Channel 2: TX 462.7125 MHz, RX 462.7125 MHz

CTCSS: None available, and apparently no space for being added.
Other: 1-watt hand-held radio. 16-hour charger (only). Application
Form (FCC 574) and instructions included, although many
corrections are necessary. Not reprogrammable for other
channels, nor for a repeater split. $260 apiece. We've heard
of some local RS stores discounting this units down to as low
as $150. (With the introduction of the Maxon 210+3, discussed
above, the price of the PRS may drop substantially!)

NOTE: We understand that this model has been discontinued as of February
1995, replaced by the Model PRS 101 (see below). Local Radio Shack
stores are reported as selling the PRS 100 for about $180 as a
"clearance" item.

==========

RADIO SHACK Model PRS 101:

Channels 1 through 7: TX/RX on the seven GMRS "interstitial" frequencies
(462.5625, 462.5875, 462.6125, 462.6375, 462.6625,

462.6875 and 462.7125 MHz). Not reprogrammable.
Channel 8: 462.675 MHz. Not reprogrammable.
Channels 9 and 10: 462.550 MHz. Both are independently programmable
by the user (by removing the back cover) to any of
the seven GMRS primary frequencies in the 462 MHz
band (other than 462.675 MHz).

CTCSS: None available, and apparently no space for being added.
Other: Maximum 2-watt (reduceable to 0.9 watt) hand-held radio. 16-hour
charger (only). Application Form (FCC 574) and text instructions
(but NO sample) included, although certain corrections and
enhancements should instead be followed. Not reprogrammable for
any other GMRS or non-GMRS channel. $220 apiece.

NOTE: This model was introduced in early February 1995, and apparently
replaces the 2-channel Model PRS-100. (However, with the intro-
duction and wide availability of the Maxon 210+3, discussed above,
the price of the non-repeater-capable PRS 101 should be expected
to drop substantially!)

==========

Uniden Model GMR 100:

Channel 1: TX 462.550 MHz, RX 462.550 MHz
Channel 2: TX 462.725 MHz, RX 462.725 MHz
Channel 3: TX 462.5875 MHz, RX 462.5875 MHz
Channel 4: TX 462.6125 MHz, RX 462.6125 MHz
Channel 5: TX 462.6375 MHz, RX 462.6375 MHz
Channel 6: TX 462.675 MHz, RX 462.675 MHz ("Emergency")
Channel 7: TX 462.6625 MHz, RX 462.6625 MHz
Channel 8: TX 462.6875 MHz, RX 462.6875 MHz

CTCSS: None available, apparently no space for being added.
Other: 1-watt hand-held radio. 16-hour charger (only). FCC Form 574
included, but apparently no further instructions. Units are not
reprogrammable for other channels, nor for a repeater split.
No CTCSS capability. Price: From $160 up.

CAUTION: These Uniden radios are sometimes ERRONEOUSLY being advertised as
being capable of operation on all eight of the GMRS primary channels. NOT
TRUE! They operate ONLY on 550, 675 and 725 of the primary channels, plus
on five of the seven interstitials (as shown above). Furthermore, despite
one channel being labeled as "Emergency," these radios are NOT capable of

(Continued to next message)

2944. Land Mobile Radio FAQ you

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.7277.7583.0NFBB4A3@woodybbs.com>
Source record: 211482

Subject: Land Mobile Radio FAQ needs your input!

(Continued from previous message)

using repeaters on the national 675 emergency channel.

==========

Maxon (model designation unknown)

Channel 1: TX 462.575 MHz, RX 462.575 MHz
Channel 2: (individually crystalled)
For instance, one mail order house installs the 625
channel in this second (non-repeater) position. This
may vary from one source to another, but the 625 frequency
appears to be the most common for the second channel.

CTCSS: None provided, but may be available "after market."
Other: 1-watt hand-held radio. 16-hour charger (only).
Unknown if FCC Form 574 or instructions included.
Price: as low as $110 (mail order) and up.

==========

Maxon Model GMRS 2+2:

Channel 1: TX 462.5625, RX 462.5625
Channel 2: TX 462.675, RX 462.675

CTCSS: Available from Maxon ($50)
Other: 2-watt hand-held radio. Drop-in charger ($17) and speaker/mic
($10) also available. Unknown if FCC Form 574 or instructions
included. Crystals are soldered in, but might be changeable(?).
Antenna adapter (to BNC), service manual, and other options
available directly from Maxon. (Prices cited here are from a
discounting mail-order outlet. Maxon's prices are somewhat higher.)
Price: $99 (from a recent advertisement, may have been on
a "close out" sale).

==========

Maxon Model CP-0520:

Channel 1: TX and RX: per your specification (but included in price)
Channels 2 through 4: TX and RX per your specification

CTCSS: Available ($64 for encode/decode)
Other: 5-watt hand-held radio (switchable to 1 watt?). Crystals for the
second through fourth channels available at $30/channel. Includes

16-hour charger, rapid charger available as an upgrade ($34).
Price: $209.75 from PageCom (from a recent mass mailing which they
made to GMRS licensees).

==========

Maxon Model SP-2850:

10-channel (dealer programmable) hand-held radio.

CTCSS: (Believed included with the basic price, but we're not sure.)
Other: 5-watt hand-held radio, programmable for any ten combinations of
frequencies (TX and RX) and CTCSS. Includes battery, desktop
charger, flexible antenna, belt clip, 1-year warrantee. Price:
$389.75 from PageCom (from a recent mass mailing which they made
to GMRS licensees).

==========

Maxon Model SM-4450M:

16-channel (dealer programmable) vehicular radio.

CTCSS: (Believed included with the basic price, but we're not sure.)
Other: 40-watt mobile (vehicular-mount) radio, programmable for any 16
combinations of frequencies (TX and RX) and CTCSS. Probably
includes hand microphone, power cord. Price: $329 (or $459 for
the base station model, SM-4450B) from PageCom (from a recent mass
mailing which they made to GMRS licensees).

==========
==========

Please provide us with additional information or corrections. Thanks.

NOTE:
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The radios described above are not the only radios available or suitable
for GMRS use. Virtually ALL manufacturers (including Motorola, General
Electric, Relm [Regency], Uniden, Maxon, Icom, etc.) of commercial-grade
UHF-FM transceivers can supply models which are suitable for GMRS use. Most
models of UHF-FM transceivers which are FCC "type accepted" for use in the

(Continued to next message)
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2945. Land Mobile Radio FAQ you

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.7278.7583.0NFBB4A4@woodybbs.com>
Source record: 211483

Subject: Land Mobile Radio FAQ needs your input!

(Continued from previous message)

various "Part 90" business, industrial and local government radio services are also type accepted for use in the GMRS (unless they exceed 50 watts output power, the maximum permissible in the GMRS).

To find more information about local sources of UHF-FM transceivers suitable for GMRS use, you can also contact your local sales outlets for the manufacturers listed above, or your local vendors of two-way radios to the business-use community. Some (but ONLY some!) vendors are knowledgeable about the GMRS, although many have misconceptions about how it can be used. Locally purchased radios are likely to be more expensive than mail-order radios of comparable capabilities, but you will usually have the assurance that you will be able to obtain local service and repair on the units. (ALL UHF transceivers will need occasional repair and tune-up!)

More information about finding sources of GMRS equipment are available in publications from the PRSG. See Bulletin P3 for a summary of current publi-cations. Two of particular interest to those seeking to purchase GMRS radios are:

L.2.a Choosing Sources for GMRS Equipment; Observations and Background. June 1988, 8 pages. $3.00.

L.3.a How to Choose a Hand-Held GMRS Radio. June 1988, 16 pages. $6.00. (This one publication alone could save you a hundred dollars or more on your next GMRS purchase! Be an INTELLIGENT CONSUMER.)

PRSG Newsletter SUBSCRIBERS:

From the MAIN menu, J (JOIN) the 4SALE Conference for more information about GMRS radios available from mail order sources, including more detailed information (and MAILING ADDRESSES for mail-order outlets) about availability and suitability for GMRS use.

Non-SUBSCRIBERS:

Hey, do you need MORE INCENTIVE TO SUBSCRIBE? There's great equipment out there, and we research its availability and suitability for GMRS use, and then report these findings in the 4SALE Conference on this BBS. Access to the 4SALE Conference (and to the other special interest conferences) and to GMRS licensing database are just two of the ENHANCEMENTS and BENEFITS which we provide to our newsletter subscribers. (See Bulletins P2 and P3 for more information on subscribing. ~~~~~~~~~~~~~~~~~~ ~~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~

<End of Bulletin MAIL>

• wcECHO 4.1 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

2946. KENWOOD TS-870S - How do you like it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: kham@halcyon.com
Message-ID: <kham-1110952117050001@blv-pm0-ip26.halcyon.com>
Source record: 211484

I've read about and played with the 870 at the local ham store but have yet to speak to anyone who has purchased one and is using it. How do you like it? How does it compare to rigs you have used? Does the DSP filter work as effectivly on SSB as is is claimed to?

Or if you're contemplating purchasing one: What do you like about it?

Thanks,

Dave, AB7FV
kham@halcyon.com

2947. Re: eto 91 beta amplifier ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: Joe <joentam@transend.com.tw>
Message-ID: <45gia4$e58@keelung.transend.com.tw>
Source record: 211485

While living in Tokyo a couple years ago, a JA friend of mine happened to be in the USA during the Dayton Hamvention. He purchased one of the Alpha 91B's from Mr. Etherhorn (sp?) during the hamfest and brought it back to JA with him. I was fortunate enough to test drive the amp during the WPX contest in JA and again during the CQWW CW contest (operating from Macao, XX9).

The amplifier is a very good value. Aside from getting the Alpha brand name (which means superb resale value in your investment), the amp was extremely easy to tune, forgiving into slightly high VSWR, and could loaf along at 1.5KW or more for the entire contest. Best of all, we could drive the amp to better than 1.5KW with less than 65 watts of input. It makes the entire shack stay "cool". Fan noise was minimal, and I've no doubt that this amplifier has the same KEYDOWN rating as other ETO Amps.

The amp is actually manufactured in Bulgaria, but many of the amplifier components are Russian built (to my surprise). The tubes are by Eimac, so they are of the highest quality. Construction of the cabinet, case, knobs, switches, etc is of very good quality, and the 91B has adequate plate, grid, and Ic monitoring.

Of course, the amp is NOT an 87A, or even a 77DX, but it is a very nice amplifier. I've used several amps before, including the Henry 5K and 3K classic, L7, L4B, SB-220, AL-1500, TL-922A, and a few others. Dollar for dollar, I believe the L7 (Drake) or the Alpha 91B are your best bets. Of course, nothing really beats an ETO Alpha 87A, but we're talking an entirely different price range. For the unit my friend purchased, the 91B has an *optional* qsk board, which is excellent if you enjoy higher speed cw contesting. I dont know if this is now standard...at the time he bought it, ETO was still having some production issues...perhaps it is included now. I recommend it highly, as utilizing QSK makes a big difference. Of course, at no time during keydown did the bird wattmeter move off of the 1.5KW mark for the entire contest. It was dependable.

The transformer uses Hypersil, and the unit should be run from 220 to 240 VAC at 15 amps. In JA, the normal voltage is 100VAC, so the most we could get from the JA line is 200VAC. The amp ran fine, but had to change the transformer taps.

I have not tired the Alpha 89, but understand that it is even better than the 91B, while the 91B is best for "value". Hope this helps...

Best of luck, 73, and Shalom,

Joe Fitter BV/N0IAT in Taipei, TAIWAN R.O.C.

Financial Analyst
Semiconductor Finance
Texas Instruments Asia

TAIWAN

2948. FT-23R - No RF output

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: moyers@cti-pet.com
Message-ID: <moyers.15.05BE78B7@cti-pet.com>
Source record: 211486

I have an FT-23R HT that has been sitting for a while. When I fired it up the other day, I thought the antenna had failed. I could only hit one very local repeater (2 miles line-of-sight). Last night I hooked the rig to a wattmeter and output appears to be less than 10 mW.

Has anyone had a similar failure. I find it hard to believe that the output devices have failed, but with this radio... anything goes!

Ideas?

Clif
WA4BKY
(moyers@cti-pet.com)

2949. Re: Mac Ham software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: william@euronet.nl
Message-ID: <william-1110952157310001@p106.asd.euronet.nl>
Source record: 211487

We can begin one how do we advertice it ????

Regards William

--
William Lagerberg
Radio amateur licence: Pe1bsb
Email william@euronet.nl
Active macintosh user

2950. Re: FT-23R - No RF output

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <45iafo$kpl@bighorn.accessnv.com>
Source record: 211488

Clif Moyers (moyers@cti-pet.com) wrote:
: I have an FT-23R HT that has been sitting for a while. When I fired it up the
: other day, I thought the antenna had failed. I could only hit one very local

Cliff, you may have hit the nail on the head ... with poor performance on
both TX and RX, the first thing I would check is that the BNC antenna
connector is still firmly soldered to the PC board - this is a common
failure on many handhelds. Look for a loose BNC connector ... this is
usually the culprit (and requires a special spanner wrench to -correctly-
tighten down.

Good luck, and very 73!
"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

2951. Re: Alinco DJ-580T or DJ-582T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <45ialf$ks6@bighorn.accessnv.com>
Source record: 211489

ga19989@evax01.d51.lilly.com wrote:
: In article <8B2B322.00740006ED.uuout@thefishnet.com>, Jeff Fischer@thefishnet.com (JEFF FISCHER) writes:
: > I have a few of the mods for the 580 and what it is capable of doing,
: > does anyone have anything they would like to share on the DJ-582T, and
: > what is capable with it. I think they have knocked the 800 receive out
: > of it unless I am wrong.
<snip>
: Jeff... I have one of each... the 582 does NOT have the 800 mhz receive
: modification possibility, but after hearing what is up there I am thinking that
: is not a big deal
<snip>

DJ580T is still available, in limited quantities ... contact me for details.

73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

2952. Opinions on Yaesu FT-10? Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: leber@omni.voicenet.com
Message-ID: <leber-1110952113200001@ivyland15.voicenet.com>
Source record: 211490

Anyone have any experience with Yaesu's new Mil-Spec FT-10 2m HT?
I am contemplating picking up a couple for my CAP squadron...the
features and ruggedness make them good candidates. The only concern
is whether or not they can TX a bit wider (143.9 - 148.15).

Tom Leber N3QKV <leber@omni.voicenet.com> - Wyndmoor, PA USA
"Smother technology and it rebels." - Max Headroom

2953. ANTENNA - Comet CH-32 Miracle Baby

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-11 00:00:00 UTC
From: killian@aztec.asu.edu
Message-ID: <45h9t0$778@news.asu.edu>
Source record: 211491

Does anyone have any experience with this antenna? I am interested in replacing the rubber duck on a Yaesu FT11r with the Comet CH-32. I wouldn't mind a slight degradation in performance, however, the radio only puts out 1.5 watts normally so a major degradation would not be acceptable for me.

Any info would be appreciated.

Thanks
Mike - KC7JGC

2954. Re: BC-348-R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <813512833.22226@pinetree.microserve.com>
Source record: 211402

greed@fiesta.srl.ford.com (Gary) wrote:

>Need help finding a manual or/and schematic for a BC-348-R. I have the
>manual for the BC-348-Q but the R has one more stage of IF and this is the
>area of maximum smoke !!!!!

The BC-348J, N, and Q models have two IF stages. The BC-348E, M, P, C, K,
L, R, and H have three.

If you don't buy a manual from Fair Radio or somewhere simiilar, let me
know. My schematic is in an old surplus conversion manual and I'm not
sure how a copy will turn out. I'll give it a try if you don't find an
alternate source though.

73,

Jack

2955. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: oops@msg.ti.com
Message-ID: <45jiuo$lag@superb.csc.ti.com>
Source record: 211403

As I recall, Icom designed the HTX-202 for Radio Shack. However, the unit
was NOT built by Icom. My understanding is that the HTX-202 was built by
a Korean company called Maxon.

If what I've stated is wrong, someone please correct me.

73 de KC5MKW

Mitchell Carson

Std. disclaimer: I speak only for myself.

In <moyers.16.09689433@cti-pet.com>, moyers@cti-pet.com (Clif Moyers) writes:
>If I am not mistaken, ICOM makes the HTX-202 for Radio Shack!
>It sure has the look, feel, interchangeable components, etc. of an ICOM
>IC-02AT.
>
>FWIW!
>
>Clif
>WA4BKY
>
>>I guess I haven't been so lucky with my HTX-202. The squelch circuit
>>seems to "go away" every six months or so. I return it to the store,
>>suffer through 20 minutes of paperwork and they send it off to repair.
>>Normal turn-around time has been 2-3 weeks. Sometimes it comes back
>>fixed...sometimes it doesn't. Anyway, I'm not it love with this radio
>>and would be glad to get rid of it and buy a "real" ham radio like a
>>ICOM or something.
>
>>Tom Timmons, N3RHV

2956. Alinco DR-600 800 Mhz RX Restoration

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: emet@cnct.com
Message-ID: <45jlm0$afm@cnct.com>
Source record: 211404

Need Help,

Is there a modification to restore 800MHZ Rx for the aformentioned
radio. Earlier Mods had it. Newer radios new a minor operation (snip)?
Can you help?

Ken
for Emet

2957. Re: 2001A TUBES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <813526822.26680@pinetree.microserve.com>
Source record: 211405

leo_parent@mystique.win.net (LEO PARENT) wrote:

> Any one out there have or know where I can get 2 new 2001a
> tubes for my Kenwood 599t

If memory serves, those were the Japanese equivalent of 6146B's.
The latter are sold by a number of advertisers in CQ and QST.

73,

Jack WB3U

2958. Re: Q: How to Use Frequency Counters?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct12.162734.8117@ke4zv.atl.ga.us>
Source record: 211406

In article <45f02g$d0n@nnrp1.news.primenet.com> lager@primenet.com (Woody Harper) writes:
>I was thumbing through the Rat Shack catalog and saw a frequency counter
>with an antenna on it for $99.00. Now from my reading, I surmise that I
>can point this thing at someone using a radio and it will tell me what
>frequency they are using. Is this correct? I perceive that I have a need
>for this sort of gizmo and want to know more about it.

The RS counter, while a fine unit for the bench, is purposely "deaf",
so you have to be quite close for it to read the frequency of a transmitter.
This is good when you're working in a high RF environment, but doesn't
make it a very useful "sniffer". For that purpose, there are purpose
built units, see ads in the ham rags.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

2959. Re: Antenna Tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <813527289.26680@pinetree.microserve.com>
Source record: 211407

paulz@sc.hp.com (Paul Zander) wrote:

>If you are planning to use balance line to the antenna, look for one
>of the vintage Johnson Matchboxes.

There are two of these for sale right now by Hams on the Net. Both are the 275 watt version and the asking price is $100 or less. The power rating is based on AM, so they're good for peak carrier about four times that number, in addition to Johnson's safety margin.

The only caveat to these is that they don't cover 160M, and based on recent tests in QST, won't tune 30M. Considering their other qualities though, it might be worth the risk to try and change the taps so they'll tune 30M, assuming you want that band.

From what I can see, there is no other commercially available tuner suitable for non-resonant antennas fed with balanced line.

73,

Jack WB3U

2960. Re: IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Oct12154430@rinhp750.gmr.com>
Source record: 211408

In article <457qru$1lbi@usenetw1.news.prodigy.com> GCLL54A@prodigy.com (Gary Judd) writes:

> Unbelievable! All you hear are people complaining about intermod
> on
> VHF radios, and wishing the mfgrs would do something to eliminate it.
> One mfgr does something, and they complain about that too!

No, not "they", just one.

It's a well known fact of life that you can't please everyone and that
translates to "someone is not going to be pleased."

--
Val Breault vbreault@gmr.com \ /| ars N8OEF
GM R&D Center - instrumentation dept. \ / | pres GM ARC
My opinions are not necessarily those \ /__| HF mobile on
of GM R&D or of the GM Corporation. \/ |___ 14.200 +/-

2961. Need Schematic for VIZ RF Generator Model WR-50C

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: ct@onr.com
Message-ID: <45hr0c$3tg@mari.onr.com>
Source record: 211409

I purchased a VIZ signal generator at a fleamarket the other day.
I would like to have a schematic before I attempt to calibrate it.

It's a model WR-50C.

Any help appreciated.d

-Charlie
ct@onr.com

2962. Re: ICOM Parts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: gfiber@halcyon.com
Message-ID: <45i7h9$gd5@news.halcyon.com>
Source record: 211410

In article <45gj01$94q@condor.ic.net>, bhackett@ic.net (Brian Hackett) says:
>
>Thanks for the tip on ICOM Mike. I also have an IC02AT with no xmit
>power. I was just about to ship it to ICOM for repair. I put the HT on a
>Bird, keyed the transmitter and saw no power indication on the meter; but
>the LCD shows a full scale indication. I tried another meter with the
>same results. I thought the LCD measured the RF at the antenna
>connector??? Also, I can key up a repeater 5 miles away. Have any ideas.
>Anyway, thanks for the tip.

Most likely the power amp is out. The VCO in the 02AT runs on the transmiter frequency. Not unusal for a radio to trip good repeaters on very little power. The handling fee is basically a
packaging fee and such. Many companies make small charges for packaging as they must purchase
the materials for packaging, and these do not come cheap any more. Usually you only hear from
people in hobbys complaining, generally they are on a small buget for equipment, most business persons
do not bat an eye over handling fees. I think you will find other companies service the Amateur Radio
hobby also charging some sort of fee for handling / packaging call it what you like, Or maybe they just
hide it in the pricing of the equipment or materials.

73' Gary

2963. Re: Collins Radio Historical Photos

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <45i6pp$clq@newsbf02.news.aol.com>
Source record: 211411

Fred Osterman and I (he's owner of Universal Radio in Reynoldsburg, OH) are working on a new edition of his book on communications receivers. Since I'm contributing only "color", I can't address the graphics part, but he might be interested in using some. Also, the Ontario DX Assn in Toronto has an archive of this sort of material and might be a good repository. Fred will have their address.

2964. NEED manual TM-201A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <45i5ki$gr7@acme.freenet.columbus.oh.us>
Source record: 211412

Hi gang. I'm looking for the manual for the Kenwood TM-201A 2 m radio
plus the MC-48 mic.
Appreciate for any help.

73! Sergei AA8OT, UA3AP

2965. Advise Please - Hand Helds

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: GCKH81A@prodigy.com
Message-ID: <45k037$bgo@usenetz1.news.prodigy.com>
Source record: 211413

This question is probably way at the bottom of the expertise of this news group, but couldn't find a specific news group for discussion and advise on hand held radios.

Here is the situation and question. My wife and I will be driving two cars almost 3000 miles from Florida to Utah next week. I wanted a reasonably priced pair of hand held radios to communicate while we were traveling. It seems to have come down to this:

1) Motorola SP-10 is available in a 1 watt VHF - one channel for $190
2) Motorola SP-10 also available in a 2 watt UHF - one channel for $225
Both Motorolas can be upgraded with a "private line" for $33.00
3) Raytheon Apelco model 501 is a marine VHS radio with 5 watts switchable to 1 watt (power saver) and has mutiple channels including weather channels, scanning and it is priced at $225

It seems like the Raytheon is the best choice, due to features, power and price. I don't need the marine channels, but I figure they are as good as others for my wife and I to communicate with each other. Maybe clearer than business channels in inland locations.

Any advise?? Any flaws in my reasoning?? It seems like every sales person has a different, and contradictory, opinion.

2966. Re: Mac Ham software (for Yaseu HT)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: knappsm@cig.mot.com
Message-ID: <KNAPPSM.95Oct12170255@crablegs.cig.mot.com>
Source record: 211414

jade@compumedia.com (Tom) writes:

>can anyone tell me where to find a Macintosh ham radio newsgroup?
>Thanks...de Tom

What I want to know is: Where is Yaseu's HT programming software for
the Macintosh?
--

Steven M. Knapp Motorola Inc, CIG
1501 W Shure Dr. IL27-3227AR
Mail: knappsm@cig.mot.com Arlington Heights, IL 60004 USA

2967. search a BLU CB cool price...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: yraoul@grincheux_9
Message-ID: <45j6kf$m4f@hpuniv.univ-lr.fr>
Source record: 211415

I found a BLU CB at a good price, sachant que je reside en France.

--->>>> ss 3900
--->>>>> President george, grant,...

Thanks

2968. TS-430 Sounds Terrible!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: "Eric E. Snyder" <eesnyder@sequana.com>
Message-ID: <45hv13$ck2@news.cerf.net>
Source record: 211416

I have a Kenwood TS-430 with very poor AM audio quality. The audio ouput is very bassy, making it very difficult to understand spoken words, even on powerful AM broadcast frequencies. In fact, it is often easier to understand when the radio is tuned to SSB or AM with the receiver tuned 1 kHz on either side of center frequency. On the other hand, my ICOM sounds fine on the same freqs.

Does anyone know of a way to fix this? Reviewing the operation and service manuals gave no indication of how to fix the problem. Any suggestions???

Thanks in advance,

Eric E. Snyder, PhD N0XSU
Sequana Therapeutics, Inc.
11099 North Torrey Pines Road, Suite 160
La Jolla, CA 92037
(619) 452-6550 ex 279; (619) 452-6653 fax; eesnyder@sequana.com
http://beagle.colorado.edu/~eesnyder/eesnyder.html

2969. How do you cross-band repeat on a TH-79AD?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1210951329030001@m14494-mac.mitre.org>
Source record: 211417

Just bought a used Kenwood TH-79AD. Nice radio. The brochure says it will do cross-band repeat, but there is no mention of it in the manual. Anyone know how to do it? Thanks.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

2970. com. amp w/4cx1000

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: jstroppe@uhl.uiowa.edu
Message-ID: <45ji7u$jv4@flood.weeg.uiowa.edu>
Source record: 211418

Who else besides Collins made/makes an HF amp using a 4cx1000 or 4cx1500 tube? John WA0VYZ

--
John Stroppel | Internet: jstroppe@uhl.uiowa.edu
The University of Iowa - Hygienic Lab | Amateur Radio: WA0VYZ
Oakdale Research Campus, OH-M7A | Voice: (319) 335-4500
Iowa City, IA 52242 | Fax: (319) 335-4555

2971. Re: ICOM IC-2340H - what is modified freq range?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: Hugh Pepper <pepperh@demo.bb.unisys.com>
Message-ID: <1995Oct12.180411.23919@unislc.slc.unisys.com>
Source record: 211419

First of all,

Thanks Erik for posting a response to this question.. I have seen many requests about mods for the IC-2340H radio, but very few responses.. Hopefully there are many other lurkers out there who will benefit from this discussion.

"Erik Finskas (csb1_95)" <finskase@ee.port.ac.uk> wrote:
>It is possible to modify the freq. range, but I don't remember how to do it.

From the information that I have gathered so far when the W1 jumper on the processor board (between the display unit and the main body of the radio) is cut, this enables receiving signals from 118 Mhz to 174 Mhz, and also a bit above and below the 440 Mhz range.

Next, about 1 inch below this W1 jumper on the same board is a set of small surface mount diodes arranged like this :

(note: numbering is my own.. not silk screened on the board)

```
_
W1 |_|

_ _ _ _
1|_| 2|_| 3|_| 4|_| <-- (these diodes are very small)

_ _ _ _
5|_| 6|_| 7|_| 8|_| <-- (these diodes are a little larger)
```

On my radio, 7 and 8 are not there at all. I have been told that the removal of diodes 5 and 6 will enable extened transmit. (thanks harry)

(back to the original post)....

>Basically, at the processor board (between the display unit and the radio
>units) there are normal size diodes, one of them is for wide RX, second for
>cross-band repeater enable and third is just there, find no documentation about

Erik, for the sake of our studio audience, could you verify which diodes control which functions???

>it. The radio will receive after modification 108-174, 320-480 and 800-950 IF
>there is the 900MHz front-end card installed. The front-end card is on the
>speaker side of the radio, and it is standing middle of the board. If it is,
>you still have one problem, you need a extra antenna connector for 900MHz. I
>used a SMA connector (very small) and fitted it to one of the free metal plates
>used to cover places for cable connections (there should be one free)

If the 900 Mhz front-end card is in place, where should a connection of an additional antenna be?? somewhere on this little card? hopefully obvious. Also,

if this card is not present in the radio, where can one be obtained?? from ICOM?

>
>The sensitivity for AM airband, 108-136MHZ is not so wonderful and they should
>do something with the AM detection, it sounds like FM.
>136-174 is very sensitive due the wide front end, which will be connected
>online when outside 2m ham band 144-146.
>320-479 is also sensitive, there is also another wide front end for out band
>reception and narrow one for 70cm.

>800-950 is a dream, it is just as sensitive as it should be, at cellular band
>it does not hear any interference from powerful base stations nearby, just the
>channel you are listening. Only problem is, that IF filters are mainly for
>25kHz channel step, and cellular phones use mainly 12,5kHz, so if there are two
>conversations going on on neighbour channel, they may interfere a bit each
>other.
>
>Erik
>--
>Erik Finskas G/OH2LAK
>Email Finskase@ee.port.ac.uk
>University of Portsmouth, UK
>Department of Electronic and Electric Engineering
>

Thanks again Erik for _FINALLY_ someone starting to shed some real light as to what is going on with this radio...sometimes getting information here is like pulling teeth... Or maybe pulling teeth might be less painful!!!

Hugh -

pepperh@demo.bb.unisys.com

2972. Need 1296 Band Unit for Icom IC-900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: jackwy@clark.net
Message-ID: <45k699$k9a@clarknet.clark.net>
Source record: 211420

Looking for the 1296 band unit for the Icom IC-900. It's the UX-129A unit. If anyone has one please contact me via e-mail if you're willing to part with it.

Tks, Jack WB3ICL jackwy@clark.net

2973. Re: TS-430 Sounds Terrible!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: mladejov@ced.utah.edu
Message-ID: <DGCEvI.1to@ced.utah.edu>
Source record: 211421

In article <45hv13$ck2@news.cerf.net>, "Eric E. Snyder" <eesnyder@sequana.com> writes:
>I have a Kenwood TS-430 with very poor AM audio quality. The audio ouput
>is very bassy, making it very difficult to understand spoken words, even on
>powerful AM broadcast frequencies. In fact, it is often easier to understand
>when the radio is tuned to SSB or AM with the receiver tuned 1 kHz on either
>side of center frequency. On the other hand, my ICOM sounds fine on the same
>freqs.
>
>Does anyone know of a way to fix this? Reviewing the operation and service
>manuals gave no indication of how to fix the problem. Any suggestions???
>
>Thanks in advance,
>
Buy and install the optional AM filter. I don't remember the part #,
but it will make it sound almost HI FI.

(I know that wa7mtf has a 430 with the filter, maybe you can get the
part # from him)

Michael Mladejovsky, Phd PPsel
University of Utah, Center for Engineering Design, Salt Lake City, Utah
Ham Radio: WA7ARK Civil Air Patrol: Uncle Mike 41 Skylane N3453R
Opinions mine, not CED's

2974. Re: TM-742A On 208.345MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <9510121420127554@saloon.bcbbs.net>
Source record: 211422

```
B> If you wish to order the mods please send $5 (check or money
B>order) for each radio model (1 radio= $5, 2 radio's = $10, etc.) to:
```

Or, call any BBS that has a CD_ROM and download them for free. My QRZ
CD's have that info. But hey, if someone is stupid enough to pay for
it, go for it!!

2975. DTMF and 16 bit soundcard

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: mallorys@nbnet.nb.ca
Message-ID: <45i51d$n0s@darwin.nbnet.nb.ca>
Source record: 211423

Hello,

The name here is Steve VE9SHM.. A couple of months ago I saw a posting about using a sound card to decode DTMF trons. In the posting there was a file that would use a soundcard to decipher these tones. I am not sure if it was in real time or if they had to be recorded on tape.

If you know of such a program, please let me know how I might get a copy of it

73 and thasnks for the help

Steve...VE9SHM
mallorys@nbnet .nb.ca

2976. Want to buy: Kenwood TS-440

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: d2goran@dtek.chalmers.se
Message-ID: <45jpmu$i0@nyheter.chalmers.se>
Source record: 211424

Hi!
Does anyone here in Europe have a Kenwood TS-440 for sale, preferrably in mint condition and with a built-in antenna tuner?

regards,

-- Martin, (through his brothers internet connection).
--

Goran Wallgren
<>< - email: d2goran@dtek.chalmers.se //
- WWW: http://www.dtek.chalmers.se/~d2goran/index.html \X/

2977. Re: qrz-industries info ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: dunnt@starbase1.caltech.edu
Message-ID: <dunnt-1210951241530001@tom-dunn.caltech.edu>
Source record: 211425

In article <9510101620.AA39818@shani.net>, morel@shani.NET (morel grunberg) wrote:

> hello !
>
> i'm looking for the adress, phone # and especially fax # of the
> "qrz-industries". they are not in "qst"
> or "cq" list of advertisers.
> is any catalog available from this company ?
>
> thank you in advance for answer
>
> 73 de morel 4x1ad

I hope this is what you were looking for. 73 Tom WB6IQD

QRZ!
c/o Fred Lloyd
8215 E. Wood Drive
Scottsdale, AZ 85260

For direct e-mail inquiries regarding QRZ, send messages to:

aa7bq@qrz.com

2978. Re: Mods to FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: chuckesi@primenet.com
Message-ID: <45k8v9$h6o@nnrp1.news.primenet.com>
Source record: 211426

chuckflo@aol.com (ChuckFlo) wrote:

>Does anyone know how to modify the FT-51 so it can transmit out of band?
>Is this possible? Any info would be a big help. Thanks.

>ChuckFlo@aol.com

Chuck, mods can be had at the QRZ! Web page. I know for a fact that
they have the mod for the FT-51 there. Funny, but I didn't see the
mod for the FT-11 there, though.

Hope that Helps.

73

Mark Fellhauer
sparkfel@primenet.com
ThunderBird Amateur Radio Club Packet Coordinator
KC7BXS@N7MRP.AZ.USA.NA

2979. Re: Alinco DR600T 800mhz RX Restoration

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: jbaltz@ciao.cc.columbia.edu
Message-ID: <45k4vq$mjh@apakabar.cc.columbia.edu>
Source record: 211427

In article <45ea47$dgb@cnct.com>, Emet <emet@cnct.com> wrote:
>Newd Help,
> Is the a modification for the Alinco DR600T to restore 800 MHZ RX.
>New models had this feature disabled. (We all know why).

If the new models have this feature disabled for a reason you know (you want
to tune in somewhere you're not allowed, maybe?), why ask for it?

> emet@cnct.com

//jbaltz
jerry b. altzman Entropy just isn't what it used to be +1 212 650 5617
jbaltz@columbia.edu jbaltz@sci.ccny.cuny.edu KE3ML (HEPNET) NEVIS::jbaltz

2980. Interpreting Sweeps??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: marc.beranger@canrem.com
Message-ID: <60.13991.3289.0N1F8D91@canrem.com>
Source record: 211428

I need some information on interpreting transmission line and Antenna sweeps. Any good internet sites or a books on the subject would be greatly appreciated. Thanks in advance!

Marc Beranger

.. When cryptography is outlawed, only kfcdt rseff bsyuv ghaep bgbbr.
---
* Blue Wave/QWK v2.12 *

2981. TM-742A On 208.345MHz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8012-311735701@humnet.humberc.on.ca>
Source record: 211429

```
>
> The Mods I currently have for your equipment is:
>
> KENWOOD
> TM742
> 1..RX 18Mhz to 54Mhz
> 2..TX 26Mhz to 45Mhz
> 3..RX 40Mhz to 90Mhz
> 4..TX 46Mhz to 76Mhz
> 5..TX 136Mhz to 174Mhz
> 6..RX 215Mhz to 260Mhz
> 7..TX 215Mhz to 235Mhz
> 8..TX 420Mhz to 450Mhz
> 9..RX/TX 1100Mhz to 1400Mhz
>
> If you wish to order the mods please send $5 (check or money
> order) for each radio model (1 radio= $5, 2 radio's = $10, etc.) to:
>
> J.Bucher
> c/o Star
> 535 Pearl Ave #5
> Loves Park, IL 61111
>
> Please specify if you want your mods faxed, e-mailed, or sent via
> the postal service when ordering. It is possible that when we send this
> information additional mods for that radio will be available, if so we
> will send them along also.
>
> Please included an e-mail address if I have any questions about your
> order.
>
>

Don't bother sending this joker any of your hard earned money....
The 215 MHz to 260 MHz mod only applies if you have the 220 module
( I think you said you only had the 2M and 70cm modules) and
needless to say, the mods are available for free on many radio related
BBS' and FTP sites.

Regards...Hugh Duff VA3TO Toronto

---
```
• NFX v1.3 [000]

--

HumberNet LSS (Learning Support System) - Humber College, Toronto
"Tomorrow's communication and learning environment, today"
Visit our Website at http://humnet.humberc.on.ca/

2982. ALE radio price

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: Richard Lay <lay@cod.nosc.mil>
Message-ID: <1995Oct12.232608.7826@nosc.mil>
Source record: 211430

Hello

Anyone know the price range for HF radios with Automatic Link
Establishment (ALE) ? How about a manufacturer. Thanks.

Rich

2983. Re: Yaesu FT2700RH extended coverage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: axxon@third-wave.com
Message-ID: <45hmbd$lud@news.third-wave.com>
Source record: 211431

In article <555310500wnr@morgan2.demon.co.uk>, Neil Hosker <neil@morgan2.demon.co.uk>
says:
>
>Does anyone out there know of a mod to extend the coverage of the above
>radio? or do you know of a source of information? Any replies
>appreciated.
>
>
>Neil Hosker EMail neil@morgan2.demon.co.uk
>
>
Neil if you still need you mods let me know I sure i have it on cd rom
price....$redue the favor...73 gary k3sjx

2984. Re: IC-706 ALERT! Deaf as post on VHF!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: axxon@third-wave.com
Message-ID: <45hnej$lud@news.third-wave.com>
Source record: 211432

In article <jgardnerDG7HuM.4xF@netcom.com>, jgardner@netcom.com (Jerry Gardner) says:
>
>M. Davies (ab910@lafn.org) wrote:
>
>: I bought my 706 thinking it, like other Icom radios, did out of band
>: receive and transmit with acceptable spec's. WRONG!!!
>
>
>: My 706, like others on the net, is deaf as a post beyond the 2m ham band.
>: 162.550 weather is loud and clear on my RS 2006 scanner with the built in
>: whip. The 706 hears nothing there even when connected to my discone up 25
>: feet! On 154.830, LAPD Tac, my 2006 again can hear the action loud and
>: clear, sometimes without ANY antenna......the 706 hears nothing.
>
>
>Oh my god! You mean Icom had the nerve to sell a radio that doesn't
>double as an expensive, poorly implemented scanner? Jeez, I bet they
>took out all the intermod susceptability too! Dang it to hell anyway!
>
>When are these so-called ham radio manufacturers going to learn that we
>all want the following features on our radios:
>
>1) Receive 0Hz to 999.999THz. (So we can listen to cops and tow trucks)
>2) Transmit 0Hz to 999.999THz (so we can "play cop" as well as listen to them)
>3) Video games on the display LCD (Who needs a Gameboy anyway?)
>4) 100,000 memories (Just gotta put that Timbukto repeater freq. somewhere!)
>5) Tiny, tinny speaker. (Who actually listens to these things?)
>6) 250 buttons (Waddya mean the MIDI port is optional?)
>7) Cheezy construction (So we have an excuse to buy next month's model.)
>
>
>--
>Jerry Gardner | Maintainer of the Large Format Digest
>jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

2985. Re: ***The CrookBook is $75.00 !!!! Geesh...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: dvlmlc@coral.cs.umu.se
Message-ID: <dvlmlc.813492492@coral>
Source record: 211492
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

ai557@ccn.cs.dal.ca (Jeffrey A. Harvey) writes:

>SpyKing (73453.1714@CompuServe.COM) wrote:
>[about an expensive book]

Are there really people out there that by these books?? You can
find such info on the net in some other so called great books
like Jolly Roger etc, and the "great" one you buy is not any
better, I bet.

v
miSel

2986. URGENT! FM transmitter from Express Components, Sussex, UK

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: osos <os@cs.strath.ac.uk>
Message-ID: <45i0c8$rp6@vixen.cso.uiuc.edu>
Source record: 211493
Cross-posted to: rec.radio.broadcasting,rec.radio.cb,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Does anyone have the specifications for modules #1021 and #1031 from Express Components? I cannot reach them either by phone or fax. If You know any other company that sell similar transmitters, please let me know their address, phone number and if possible email.

Thanks in advance,

Oyvind Stromme
8 Athole gardens
Glasgow G12 9AZ
UK-SCOTLAND
email: os@cs.strath.ac.uk

2987. Re: Do 2m HTs TX beyond 144-148 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <45itbm$70r@vivanews.vivanet.com>
Source record: 211494
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Keith Wood (keithw@sedona.net) wrote:
: In article <44p9kc$k1e@vivanews.vivanet.com>,
: mulveyr@vivanet.vivanet.com (Rich Mulvey) wrote:
: > moritz@ipers1.e-technik.uni-stuttgart.de wrote:
: > : Well it is quite possible that they do such a thing, but if you think
: > : about it, it amounts to jailing everyone in posession if a gun.
: >
: > No, because there are many situations when a gun can be operated
: > legally, under "normal" use. You can't say the same about a
: > modified HT.

: This comes as a major shock to me. You mean that NONE of the 300+ HTs in use
: on CAP frequencies here in AZ are legal? That ALL of the 50+ hours I spent on
: CAP freqs a couple of weekends ago were legal?

Considering that the posting that started this thread was about the
use of modified rigs on non MARS/CAPS/etc, frequencies, you might want
to consider what the phase "in context" means. :-)

- Rich

Rich Mulvey, N2VDS Rochester, NY USA
mulveyr@vivanet.com
n2vds@net.wb2psi.ampr.org
n2vds@wb2psi.#wny.ny.us

2988. Yaesu FIF-232C CAT Interface for FT-900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: victorm@cts.com
Message-ID: <45i2va$3up@news2.cts.com>
Source record: 211495

I have a Yaesu FT-900 and I want to buy a computer interface for contesting and logging. I'm using CT logger. Would the FIF-232C CAT controller be the way to go for this?

Thanks,
Victor
Victor Morange
KO6ZK
victorm@cts.com
KO6ZK@W6NWG.CA.US.NOAM (Packet)

2989. Re: BC-348-R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <45ik0n$edk@ixnews4.ix.netcom.com>
Source record: 211496

In <45bcrb$oqi@eccdb1.pms.ford.com> greed@fiesta.srl.ford.com (Gary)
writes:
>
>Need help finding a manual or/and schematic for a BC-348-R. I have the
manual
>for the BC-348-Q but the R has one more stage of IF and this is the
area of
>maximum smoke !!!!! I'am aware of Boat Anchors but I don't have E-mail
here.
>Is there a home page on the net ????? Thanks
>
Have you tried Fair Radio Sales Co. in Lima, Ohio? They carry manuals
for military gear. Their phone is (419) 223-2196 or 227-6573.

John
KE6TGN

2990. BNC Woes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: jtovet@ccsnet.com
Message-ID: <8012151212301@ccsnet.com>
Source record: 211497

To: int:peterson@fnal.gov
I am having similar problems with a VHF scanner (bearcat), if you get
any interesting answers, could you forward them my way?
Thanks....
Jim
jtovet@ccsnet.com

---
* UniQWK v3.3a* The Windows Mail Reader

--
****
* Message Sent From: CCS WORLD Cape Cod's Internet Address *
* http://ccsnet.com Telnet://ccsnet.com Ftp://unix.ccsnet.com *
* Games: TW2002, VGA Planets, 4 Player DOOM, Game Connection *

2991. Re: KR4FC - Trust him at your own Risk!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DGBA1E.6BM@iglou.com>
Source record: 211498

From "Bambie" 1959 or so. Thumper Rabbit Said;

"If you can't say anything nice about someone, don't say anything at all".
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

2992. NMEA-0183 & GPS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: cbrown@lostnet.org
Message-ID: <ac7cb$83734.3ab@news.ak.net>
Source record: 211499
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Greetings all. I am trying to find info on both the NMEA-0183
spec and the interface used by the 'Magellan Trailblazer' GPS reciever.
Acording to what little data I have the 6 pin plug is dc 11 - 13vDC with 4
pins for data. trans data, rec data, signal ground and ???. Also
what standard does this unit use? ttl?, psuedo ttl?, or rs232 like the NMEA
spec calls for? Any info would be great. Thanks

--

Christopher E. Brown WL7CLA Lostnet Systems Administration

<cbrown@thor.lostnet.org>

2993. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: moyers@cti-pet.com
Message-ID: <moyers.16.09689433@cti-pet.com>
Source record: 211500

If I am not mistaken, ICOM makes the HTX-202 for Radio Shack!
It sure has the look, feel, interchangeable components, etc. of an ICOM IC-02AT.

FWIW!

Clif
WA4BKY

>I guess I haven't been so lucky with my HTX-202. The squelch circuit
>seems to "go away" every six months or so. I return it to the store,
>suffer through 20 minutes of paperwork and they send it off to repair.
>Normal turn-around time has been 2-3 weeks. Sometimes it comes back
>fixed...sometimes it doesn't. Anyway, I'm not it love with this radio
>and would be glad to get rid of it and buy a "real" ham radio like a
>ICOM or something.

>Tom Timmons, N3RHV

2994. FT-1000MP ??????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-12 00:00:00 UTC
From: l38217@alfa.ist.utl.pt
Message-ID: <45j8gp$f35@ci.ist.utl.pt>
Source record: 211501

I would like to about the new yaseu FT-1000MP
does anyone has already worked with it that
that can tell if it's really better than the
previous FT-1000D...
what new improvements were made?
also comparisons with it's rivals (TS-950SDX
IC-775DSP)

Thanks !
Best 73's and Good DX !

--

Pedro Pedroso	Blues Breaker
l38217@alfa.ist.utl.pt	CT1ELP
Eng. Electrotecnica e Comp.	Membro do GPDX
(Telecomunicacoes e electronica)

2995. Need mods for ic-t22a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <45lmam$cn4@news.ust.hk>
Source record: 211352

hi all,
Can anyone tell how to do the RX/TX mods for the IC-T22A HT.
Thanks for the assistance!

2996. IC-T22A mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <45lmni$coc@news.ust.hk>
Source record: 211353

Hi all,
I need the mods for the IC-T22A,can anyone help me on this?
Thanks and 73.

2997. Re: ICOM IC-2340H - what is modified freq range?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: Hugh Pepper <pepperh@demo.bb.unisys.com>
Message-ID: <1995Oct13.132400.12385@unislc.slc.unisys.com>
Source record: 211354

In search for the ellusive ICOM IC-2340H modification info!

The saga continues...

After some looking around last night here are some more observations and
and of course questions...

From Erik>...
>It is possible to modify the freq. range, but I don't remember how to do it.
>Basically, at the processor board (between the display unit and the radio
>units) there are normal size diodes, one of them is for wide RX, second for
>cross-band repeater enable and third is just there, find no documentation about
>it. The radio will receive after modification 108-174, 320-480 and 800-950 IF
>there is the 900MHz front-end card installed. The front-end card is on the
>speaker side of the radio, and it is standing middle of the board. If it is,

My questions>...
I opened the radio and see a board 1/2 inch tall by 1 1/2 inches long..
it has the number B4254 silk screened on the back, and a bunch of SMD
commponents on the other side. (I think this is the 900 Mhz front-end
board that you were speaking of??)

It has 16 pins along the bottom side which are soldered into the main board,
and there is a jack J1 which is for a very small coax connector which is now
empty. This is on the bottom of the radio, not the speaker side (The speaker
is on the top of the radio)

There is also a 2 pin jack labled J3 next to this long board. How is this jack
used, if at all??

>you still have one problem, you need a extra antenna connector for 900MHz. I
>used a SMA connector (very small) and fitted it to one of the free metal plates
>used to cover places for cable connections (there should be one free)

On the back of the radio, on the side where the mic cord goes and the regular
coax comes out, there is an unused plate off of the back of the radio. I
assume you used this to get the 900 Mhz coax out after connecting it to J1
internally correct?

>Erik-
>Erik Finskas G/OH2LAK

Thanks for the information, all who contributed.. I think we are getting
somewhere with this yet!!

Hugh -

pepperh@demo.bb.unisys.com

2998. SOFTWAVE --Where did they go??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: kors@netcom.com
Message-ID: <korsDGECww.ID0@netcom.com>
Source record: 211355

I have been reading an ad from a San Diego company, SOFTWAVE, for an advanced receiver on a card for the PC. The company does not seem to be in business at this time. Does anybody know anything or anybody I can contact about the product?

Any help or even hints would be appreciated.

Dick Kors
km6ep
kors@netcom.com
Voice 415-965-3766

2999. Re: Ten Tec Scout...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct13.173021.12839@ke4zv.atl.ga.us>
Source record: 211356

In article <45htgb$fi@BUDS1.baylor.edu> rgm@bilbo.baylor.edu (Ross G. Miller) writes:
> My question to everyone is: Keeping these conditions in mind, would a Scout be
> a good purchase, or should I simply wait until I graduate and have some more
> money?

My advice would be to buy a used Corsair II, IC-735, or similar radio.
The Scout's a bit of a kludge. For the same money, you can find a used
full feature radio. Let someone else pay for the priviledge of breaking
the seal on a cardboard box.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3000. IC-T22A mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <45lv2e$dmh@news.ust.hk>
Source record: 211357

[No readable article body recovered]

3001. IC-T22A mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <45m087$dmh@news.ust.hk>
Source record: 211358

[No readable article body recovered]

3002. IC-T22A mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <45m0df$dmh@news.ust.hk>
Source record: 211359

hi all,
I wish to have the mods for the IC-t22a,can anyone help
me on this?Thank you!
N.B.:I mean the RX/TX mods

3003. IC-T22A mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <45m1ku$e5b@news.ust.hk>
Source record: 211360

Hi all,
I need to modify my IC-T22A,RX and or TX.Can anyone give me some
suggestion?Thanks!

3004. IC-T22A mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <45m1ob$e5b@news.ust.hk>
Source record: 211361

[No readable article body recovered]

3005. IC-T22A mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <45m3on$eci@news.ust.hk>
Source record: 211362

ii

3006. IC-T22A mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <45m4a8$eci@news.ust.hk>
Source record: 211363

[No readable article body recovered]

3007. Re: SIGNAL ONE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct13.174111.13027@ke4zv.atl.ga.us>
Source record: 211364

In article <aec_9510121331@mba.mba.org> Michael.Black@juxta.mba.org (Michael Black) writes:
>The only rig that I can think of that was in the same relative
>category as the Signal One was the National NC-1000 (the number's
>right, I'm not sure the prefix is). I never saw a block diagram for
>that rig, but it was up there in the price range and did incorporate
>features that rigs up to that time did not have. I always assumed
>it used some of the design that National put into the HRO-500, which
>was a top-range general receiver of the time.

That would be the NCX-1000. Its main claim to fame was 1000 watts PEP (input) in a transceiver box. It was the big brother of the NCX-5.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3008. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct13.181957.13185@ke4zv.atl.ga.us>
Source record: 211365

In article <45khkp$v6o@cadvision.com> John Fallows <fallowsj@cadvision.com> writes:
>gb546@bard.edu (Greg Becker) wrote:
>>I remember seeing a bunch of traffic recently about the Radio Shack DSP
>>unit,Comments about the unit?
>
>The general tone of the posts I read last month was that "on sale" -
>i.e., at 50% discunt or so - the unit provided some value, but at full
>price, it didn't.

I've got one. The auto-notcher works, the narrow filters work, the
noise reduction feature doesn't work. At half price, it's Ok, at
full price I'd pass for something better.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3009. Re: TS-430S Autotuner?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1310951555140001@m14494-mac.mitre.org>
Source record: 211366

Larry Keith Mr wrote:

> WB4SXR just purchased a TS-430S and is hankering for an automatic
> tuner to match. Is there such an item?

Yes. It is an external unit about half the size of the transceiver. It works very nicely, but has no memories; you have to re-tune from scratch every time you change bands.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

3010. Vector finder and active attenuator

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: mcinnis@austin.ibm.com
Message-ID: <DGEM5M.L90@austin.ibm.com>
Source record: 211367

Does anyone have opinions, information, malicious, gossip etc. about
the "Vector finder" made by Radio engineers Technitron? Is it a
switched antenna phase shift type system? How does it work when you
get real close to a strong transmitter in a foxhunt? Does it work well, etc.?

I've seen someone advertising an active attenuator for T-hunting. It's of
the "shift everything 1 MHz up in a mixer" type and cost something like
$50. Does anyone know who sells these? Any opinions, advice, etc.?

BTW, has anyone considered making a fox-hunting group? Think there's enough
interest?
--
Mickey McInnis - mcinnis@austin.ibm.com
--

3011. wtb 220Mhz mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: lnorvill@ix.netcom.com
Message-ID: <45mo3d$poa@ixnews5.ix.netcom.com>
Source record: 211368

Looking for 220 mobile, not picky about make, but must be synthesized
W/ full pl capabilities. thanks
KD6KCD lnorvill@ix.netcom.com

3012. Help with IF-232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: n1tvr@cobra.loa.com
Message-ID: <45mq2m$3c7@alterdial.UU.NET>
Source record: 211369

I bought a the Kenwood IF-232 Interface off of someone but can't seem to get it to work. I called him and asked him why but he is unsure. I am running a Kenwood TS-450 and a 486DX2/66 with Windows 95. I tried using it with multiple control programs. I also booted up DOS with a boot disk and ran a few programs but still can't get it to work. I have an RS-232 cable from the interface to th computer and the interface cable from the radio to the interface. If anyone could please email me their suggestions it would be greatly appreciated.
Thanks,
Ken
n1tvr@loa.com

3013. test

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: greg@willie.NL.nuwc.navy.MIL
Message-ID: <ACA3F072@willie.nl.nuwc.navy.mil>
Source record: 211370

```
--Boundary (ID uugwbpETEFH5htweR0FPeg)
Content-type: TEXT/PLAIN

Hello, does anyone know of a good source for used vacuum variables???
Greg

--Boundary (ID uugwbpETEFH5htweR0FPeg)--
```

3014. kenwood TS-140 <--->AT-50 Pinout ????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: Bobkf8ph@aol.com
Message-ID: <45mu7e$7qf@ns.concourse.com>
Source record: 211371

I need the pin out configuration to connect a TS-140 to an AT-50. The docs with each of these
conflicts with the other. One says to connect the AT-50 to the Remote onthe back of the TS-140
and the other doc says that it should be connected to ACC3.

Logic has it that if the AMP is connected to Remote yuou cant connect the tuner there too. so I need the pin out of ACC3.

Bob
packetable at kf8ph@n8apu.#neoh.oh.na
or e-mailable as shown below.

3015. Re: Mac Ham software (for Yaseu HT)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <45lusp$qft@newsbf02.news.aol.com>
Source record: 211372

Doesn't exist and probably never will. I have a mac but went out and
picked up a used 386 to run the RT Systems software...

3016. Kenwood TU-79 Tone Unit needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: leber@omni.voicenet.com
Message-ID: <leber-1310952243060001@philly22.voicenet.com>
Source record: 211373

Actually, what I really need is the "MX-315" IC from this tone board to repair one that I have, but the only parts place I could find that has it wants $94 (!!!) for it. I doubt the entire board cost that much brand new...

Anyone have one of these boards that the want to get rid of? If not, looks like I'll have to go for a Comm Spec board.

Tom Leber N3QKV <leber@omni.voicenet.com> - Wyndmoor, PA USA
"Smother technology and it rebels." - Max Headroom

3017. IC-T22A mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <45lj09$c3t@news.ust.hk>
Source record: 211374

Hi all,
I need the RX/TX mods for my IC-T22A,can anyone help me.
Thank you very much for your assistance!

3018. Re: CB RADIO: Need 1/4wv Dipole Antenna Design, Also Beam Antenna Design

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: nadzam@garlic.com
Message-ID: <45llug$jt4_001@nadzam.garlic.com>
Source record: 211375
Cross-posted to: rec.radio.cb,rec.radio.amateur.equipment

>My brother and I wish to build an Dipole antenna for a CB Radio
>operating or tuned to 27.185 Mhz.
>I am really looking for a design we used to call (in the 70's) a
>"Trick Stick"
>We have done some reading on the subject but the book was pretty poor
>in offering designs.
>If anyone has a design, construction instructions, and SWR Tuneing
>instructions that we could use to construct a 1/4 wave beam based on a
>Dipole antenna we would really be happy.
>We are hoping to use the purposed 1/4 wave dipole antenna as the
>antenna element to produce a Directional antenna, so if you have
>designs for Directional antenna's please send them or point them out
>for me.

Well your on target, a trick stick was a simple 1/4 wave dipole and that
is that. Construction is simple. 468/27.125 = total length.
That makes it 17.25 feet total length. Or about 8' 7 1/2" on a side.
You can use any light weight aluminum. split in the middle by and non
conductor. Like Plastic (PVC PIPE), or a wood block, almost anything.
All you'll need to do is feed each side of the dipole with one of the
two conductors from the coax.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

3019. Help with IF-232 Interfac

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: <>
Message-ID: <f66_9510140903@panda.org>
Source record: 211376

From: n1tvr@cobra.loa.com (Ken Wilde)
Subject: Help with IF-232 Interface
Organization: Log On America, Inc. (Full Internet Access, Modem: 401-459-6200)
Summary: Keywords:

I bought a the Kenwood IF-232 Interface off of someone but can't seem to
get it to work. I called him and asked him why but he is unsure. I am
running a Kenwood TS-450 and a 486DX2/66 with Windows 95. I tried using it
with multiple control programs. I also booted up DOS with a boot disk and
ran a few programs but still can't get it to work. I have an RS-232 cable
from the interface to th computer and the interface cable from the radio
to the interface. If anyone could please email me their suggestions it
would be greatly appreciated.
Thanks,
Ken
n1tvr@loa.com

--
|Fidonet: Ken Wilde 1:330/204.1
|Internet: Ken.Wilde@Ken.Wilde@*user@*site.*domain.org.org
|
| Standard disclaimer: The views of this user are strictly his own.

3020. WTB: MC-48

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <45n0gs$hf@acme.freenet.columbus.oh.us>
Source record: 211377

Hi gang. I'm looking for the old Kenwood mic MC-48.

73! Sergei

Aa8OT, UA3AP

3021. Re: Ham shops in Houston area?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: Joe Ellis <jellis@lgc.com>
Message-ID: <45kbpt$7ti@dildog.lgc.com>
Source record: 211433
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Houston has a ham dealer:
Houston Amateur Supply
181 Cypresswood Drive (north on I-45 at Holtzworth (sp?) Road)
Spring, TX 77388
(713)355-7373

George, KD0RW, is a good egg. Give him a call.

Joe, KN5Y

3022. Re: HTX-202...Good? Bad? Ugly?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: danb@a.crl.com
Message-ID: <45kmlr$4la@nntp.crl.com>
Source record: 211434

oops@msg.ti.com (Mitchell Carson) wrote:

>As I recall, Icom designed the HTX-202 for Radio Shack. However, the unit
>was NOT built by Icom. My understanding is that the HTX-202 was built by
>a Korean company called Maxon.

Built by Maxon is right; designed by ICOM is wrong. ICOM and Radio
Shack both deny that the design of the -202 is in any way related to
any ICOM model, which I tend to believe (if it _were_ ICOM-designed,
I'm sure Radio Shack would advertise that fact prominently).

The -202 does take some ICOM-compatible accessories,
though--speaker/mikes and batteries come to mind.

--
Dan Brown, KE6MKS
danb@a.crl.com, NOT danb@crl.com
Don't tread on me.

3023. Re: 2 meter amps: worth it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: Curt Sanders <csanders@redrose.net>
Message-ID: <45ke9j$nml@lily.redrose.net>
Source record: 211435

I would put a brick on my HT only if I had a more directional antenna IMHO. (I built a 4 element quad out of the ARRL Antenna book and it's been a lot of fun!) More power *could* bring up repeaters you don't want to bring up if you use an omnidirectional antenna.

73's, Curt

****
| "There is nothing constant but change." ï¿½ Heraclitus |
| *** |
| N3TLJ@WA3KXG.FN10RE.PA.USA.NA |
| Reunion Users Group (genealogy) * Hershey Apple Core |
****

3024. MFJ 6 Meter SSB/CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: Curt Sanders <csanders@redrose.net>
Message-ID: <45keqs$nml@lily.redrose.net>
Source record: 211436

Any comments on the new MFJ-9406? I'm thinking about getting one, but want to know if 50.000-50.300 MHz range is worth the buy (seems awful skimpy to me); any SSC/CW activity in that range (I don't hear any here in central PA)? Any problems?

73's in advance, Curt, N3TLJ@WA3KXG.FN10RE.PA.USA.NA

****
| "There is nothing constant but change." ï¿½ Heraclitus |

3025. CW capability of TS-930S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: johns516@maroon.tc.umn.edu
Message-ID: <johns516.41.000B4359@maroon.tc.umn.edu>
Source record: 211437

Hello -

I am looking for opinions/advice regarding the CW capabilities of the Kenwood TS-930S. In particular, I am wondering about how well it works in full QSK mode. Is the output signal choppy when run at about 20 wpm? Is the relay quiet? etc.

How do you think the TS-930S compares with other transceivers in its general class?

Thanks much.

- Craig

3026. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: NCZN58B@prodigy.com
Message-ID: <45kq6g$1amq@usenetw1.news.prodigy.com>
Source record: 211438

I bought one at the clearance price, and it does make some difference. I do engineering at an am (daytime only) radio station here in Atlanta, and we tape delay a football show that originates late Monday evening. To avoid having someone come in to tape the show I set up a deck here at my house, but the line noise was horrible, even after extensive grounding, filtering, etc, The Radio Shack DSP took the noise right out.

-
JAMES DEAN KD4USF NCZN58B@prodigy.com
Yes that's really my name.

3027. Re: Ham shops in Houston area?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <45m0jl$fph@admin5.hsc.uth.tmc.edu>
Source record: 211439
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <813563944.4530@pinetree.microserve.com>,
WB3U <jackl@pinetree.microserve.com> wrote:
>I haven't seen Madison mentioned in any of these replies. Have they
>gone out of business?

I don't know if they've gone out of business entirely, but they closed their
retail storefront several years ago.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Call now. The life you get may be your own." -- Yakko Warner,
Please Please Please Get a Life Foundation

3028. NEED CAT SOFTWARE FOR FRG-9600

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: willhelm@ix.netcom.com
Message-ID: <45m2ip$i1s@ixnews5.ix.netcom.com>
Source record: 211440
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hello, and thanks for reading this. I need a copy of control softwre set up for the Yaesu FRG-9600. I know Yaesu didn't write any for it but i understand there are versions still floating around from individuals and third parties. Anyone have a copy they would part with? Also would be interested in the plans for the HF converter that i have seen installed on a couple of FRG-9600's. If you can help please email me.

Many Thanks....Bill in Las Vegas, Nv.

3029. Flaky Kenwood TM-742 - Ideas?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: djenkins@wang.com
Message-ID: <DGELHn.BEq@wang.com>
Source record: 211441
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I am posting this for a friend who is currently between email addresses. [Since I have the same radio purchased on the same date - I too am quite interested in the answers.] Email replies would be more convenient for me but she and I would welcome insights in any form.

- - - - - - - - - - - -[snip here] - - - - - - - - - - -

I have a Kenwood TM-742A that has been behaving strangely. Sometimes while I'm transmitting it becomes "frozen", i.e. the level meters remain at their most recent indication, and I'm not actually transmitting. Often a power reset will clear this, but not always. At other times, it won't respond to the power on/off switch - either it won't power on if it's off, or it gets stuck in the power-up display (the one with just 'on' displayed) when I try to turn it off. One time it got into a state where it had two bands showing the green "selected" light simultaneously. And this morning, the radio froze while I was just receiving, and it wouldn't respond to the power switch. A few hours later, it had revived itself.

Unfortunately none of this behavior is reproducible on demand, and I haven't been able to find any correlations with heat, location, engine running or not, etc. There are no other transmitters in the vehicle.

The radio is mounted in the trunk of my 1993 Accord 2-door, and the control head is mounted on the cup holder, center console.

Fortunately it is still under warranty. I'd be interested to know whether any of you have encountered similar problems, and if so, what you did to solve them.

Thanks in advance for your help.
73,
Nancy / N1OEZ

3030. Re: Ham shops in Houston area?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <813563944.4530@pinetree.microserve.com>
Source record: 211442
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Joe Ellis <jellis@lgc.com> wrote:

>Houston has a ham dealer:
> Houston Amateur Supply
> 181 Cypresswood Drive (north on I-45 at Holtzworth (sp?) Road)
> Spring, TX 77388
> (713)355-7373

I haven't seen Madison mentioned in any of these replies. Have they
gone out of business?

Jack WB3U

3031. Re: TS-430 Sounds Terrible!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <45kmkq$j9u@crow.cybercomm.net>
Source record: 211443

"Eric E. Snyder" <eesnyder@sequana.com> wrote:
>
> I have a Kenwood TS-430 with very poor AM audio quality. The audio ouput
> is very bassy, making it very difficult to understand spoken words, even on
> powerful AM broadcast frequencies. In fact, it is often easier to understand
> when the radio is tuned to SSB or AM with the receiver tuned 1 kHz on either
> side of center frequency. On the other hand, my ICOM sounds fine on the same
> freqs.
>
> Does anyone know of a way to fix this? Reviewing the operation and service
> manuals gave no indication of how to fix the problem. Any suggestions???
>
> Thanks in advance,
>
> Eric E. Snyder, PhD N0XSU
> Sequana Therapeutics, Inc.
> 11099 North Torrey Pines Road, Suite 160
> La Jolla, CA 92037
> (619) 452-6550 ex 279; (619) 452-6653 fax; eesnyder@sequana.com
> http://beagle.colorado.edu/~eesnyder/eesnyder.html
>

The 430 sounds like crap without the AM filter..I believe it is
originally wired up to use the SSB filter it comes with...I
have the 430 and know exactly what you are saying...I installed
the AM filter years ago and it sounds great....

Steve, WA2NHZ

3032. Re: Advise Please - Hand Helds

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <813572132snz@microvst.demon.co.uk>
Source record: 211444

In article <45k037$bgo@usenetz1.news.prodigy.com>
GCKH81A@prodigy.com "Hank Williams" writes:

> Any advise??

Use either cellular telephones or CB radios.

--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

3033. Grundig Satellit 700 SW Rxr

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: nickjn2qxf@aol.com
Message-ID: <45lcki$k31@newsbf02.news.aol.com>
Source record: 211445

Hi name here is Nick and I was wondering if you could help. I own the above radio and I enjoy it very much but there is a hitch. When the radio is tuned via the dial it seems to "chug" along with every click. Unlike most othere receivers where the dial can "freewheel" this dial clicks and every click the receiver silences. Do you know of a way to modify this? Also it seems when you direct enter a frequency it defaults to AM can this be changed?

Any help would be appreciated.

73 de Nick, N2QXF

3034. Re: eto 91 beta amplifier ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <45ld1i$kat@newsbf02.news.aol.com>
Source record: 211446

In article <45gia4$e58@keelung.transend.com.tw>, Joe
<joentam@transend.com.tw> writes:

>t many of the amplifier
>components are Russian built (to my surprise). The tubes are by Eimac,
so
>they
>are of the highest quality. Construction of the cabinet, case, knobs,
>switches,
>etc is of very good quality, and the 91B has adequate plate, grid, and Ic

>monitoring.

Hi Joe,
I agree the 91B looks like a pretty good amp, but you did make a major
error.

The 91B TUBES are **NOT** made by Eimac. They are a single source tube
from Russia, there is **NO** other direct replacement made by anyone else!
The closest Eimac equiv is a 4CX1500B, but the socket, voltages, and grid
components would all need to be replaced at a cost of over $2000 US if the
sole Russian tube source ever goes away.

Personally, I have a difficult time understanding why anyone would want to
save a few hundred dollars just to use a tetrode only available from one
source in the entire world. It seems penny wise and future foolish!
Especially with the political problems in Russia today.

73 Tom

3035. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <45ld26$kbd@newsbf02.news.aol.com>
Source record: 211447

In article <45glqk$1757@core.bard.edu>, gb546@bard.edu (Greg Becker)
writes:

>
>I remember seeing a bunch of traffic recently about the Radio Shack DSP
>unit, but I can't find anything in the archives. Comments about the unit?

>The local store has them on clearance...
>
>73, Greg
>
>

The notch in it works very well. The rest of the features are pretty well
useless.
So if you're only looking for a notch, buy it. If you're looking for
selectivity or noise reduction forget it!

73 Tom

3036. tube cross reference

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: leo_parent@mystique.win.net
Message-ID: <117@mystique.win.net>
Source record: 211448

Can anyone tell me if a 6146a or 6146b will substitute for 2001a
tube tnx Kb2wk

---
* PowerAccess 1.06 A fool and his money are soon partying!!

3037. Re: ICOM Parts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <45km6l$j9u@crow.cybercomm.net>
Source record: 211449

erikw@well.sf.ca.us (Erik Westgard) wrote:
>
>
> I run a lot of older Icom gear- I am in mortal fear of the problem
> we have been reading about with another radio supplier- not having]
> parts at all for older rigs...I would much rather over pay for a
> part for a seven year old radio, than have to throw that radio away...
> The carrying costs of keeping parts around on the shelf for years are
> huge...Those companies who close out parts for older radios will not
> get my new radio business....
>
> Erik
>

I'm sure you could'nt be talking about Kenwood---could you?

Wa2nhz

3038. Re: MFJ 6 Meter SSB/CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <45ljmh$ii@solaris.cc.vt.edu>
Source record: 211450

That is WHERE all the SSB and CW activity is.... 50.125 is the national calling frequency and 50.110 is the international calling frequency. You are not hearing anyone since we are past this year's E-skip season. There is a chance you might hear someone on ground wave or the occasional E-skip we might get now.

3039. IC-T22A mods needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-13 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <45lm0l$cgt@news.ust.hk>
Source record: 211451

Hi all
I need the mods for the IC-t22a,can anyone tell me how to do?
Thank you very much for your assistance!

3040. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: "Chris M. Bridges" <n4fan@vnet.net>
Message-ID: <45n4nf$s4q@ralph.vnet.net>
Source record: 211378

gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>In article <45khkp$v6o@cadvision.com> John Fallows <fallowsj@cadvision.com> writes:
>>gb546@bard.edu (Greg Becker) wrote:
>>>I remember seeing a bunch of traffic recently about the Radio Shack DSP
>>>unit,Comments about the unit?
>>
>>The general tone of the posts I read last month was that "on sale" -
>>i.e., at 50% discunt or so - the unit provided some value, but at full
>>price, it didn't.
>
>I've got one. The auto-notcher works, the narrow filters work, the
>noise reduction feature doesn't work. At half price, it's Ok, at
>full price I'd pass for something better.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |

I'll second that, It's worth the sale price. But not much more.
--

Chris M. Bridges
>>>>>N4FAN<<<<<<
n4fan@vnet.net

3041. FS:TS430;AT250;PS430;SWAN;YAESUMORE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: DLCG93A@prodigy.com
Message-ID: <45nd0a$qu8@usenetz1.news.prodigy.com>
Source record: 211379

SUBJECT: FS:TS430;AT250;PS430;SWAN;YAESUMORE
Hello, I have the following items for sale/trade:
1. Knwd TS-430s general coverage RX and TX. Works well but case is cracked. $400
2. Knwd AT-250 auto antenna tuner for Kenwoods (and others) incl. 430. $275.
3. Knwd PS-430 matching power supply. $140.
4. Knwd FM-430 FM board for TS-430 $65
5. Knwd AM, CW, SSB filters for TS-430,830,530,440,130.130. $55 each
6. Swan 270 tube 80-10 meter SSB/CW tranceiver with matching Swan 1200W amp. Both look good and work well. $400 including amp.
7. Yaesu FT-23R 2 meter HT with TTP and some battery packs including 12 volt pack. Works well, has expanded RF mod done. Make offer.
8. Ranger RCI 2950 10-11 meter all mode radio with RF mod done. Also have 100 watt and 250 watt amps. Make offer.
9. Heathkit IM-2410 Frequency Counter 10 Hz to 225 MHz with antenna. Works fine. Make offer.
10. New and used 6LQ6 transmitting tubes. All USA made. $15 each used $40 each new, only have a few!
11. Portable Laptop Computer Mitsubishi MP286L 286 with large mono screen, 20 meg HD, 1.44 FDD, 2400 internal modem, serial, par., monitor, and keyboard ports; with carrying case, manuals and some software. Works and looks like new! $175
12. IBM Model 55 SX 386 computer with 30 meg HD, 1.44 FDD, VGA video card, 2 meg RAM, works great running windows 3.1 now. Make offer.
13. IBM Model 25 8086, 20 meg HD, 720 k FDD, VGA video card. Make offer.
14. IBM compatible turbo XT 20 meg HD hercules video card and monitor. Offer.
Other miscellaneous ham and computer stuff around the shack. Will consider trades too. Tnx and 73 de Jeff N3FMC@WB3FYL OR JFRANKLIN@GPU.COM OR DLCG93A@PRODIGY.COM

3042. Homemade HT antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: baileyh@intellinet.com
Message-ID: <baileyh-1410950008060001@md-054.lit.intellinet.com>
Source record: 211380

Does anybody out their know a good plan for a simple wire antenna you can make for a two meter HT with a BNC adapter? Any information would be appreciated. Thanks.

Bailey

3043. Re: ***The CrookBook is $75.00 !!!! Geesh...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: nf9501@sgdna1.weizmann.ac.il
Message-ID: <1995Oct14.160948.16610@wisipc.weizmann.ac.il>
Source record: 211381
Cross-posted to: rec.models.rc,rec.pyrotechnics,rec.radio.amateur.equipment,rec.radio.shortwave,rec.video

Misel Lukic (dvlmlc@coral.cs.umu.se) wrote:
: ai557@ccn.cs.dal.ca (Jeffrey A. Harvey) writes:

: >SpyKing (73453.1714@CompuServe.COM) wrote:
: >[about an expensive book]

: Are there really people out there that by these books?? You can

No, they're all dead by now.

A.G.E.

3044. Radio needed for the W1AW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: rw@ripco.com
Message-ID: <DGG5Gq.JLt@rci.ripco.com>
Source record: 211382
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I am trying to learn CW and am looking of an inexpensive radio to listen to the W1AW broadcasts. I would appreciate if someone could reccommend a used radio for this that can be used in an apartment w/o a outside antenna. Ideally, I would like to find one in the $25.00 to $50.00 price range, if possible.

E-mail would be best.
Thanks

3045. FUJITSU 10 UHF COMMERCIAL RADIO

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: DRLM68A@prodigy.com
Message-ID: <45nsp4$1c9a@usenetp1.news.prodigy.com>
Source record: 211383

I have a fujitsu 10 uhf that recieves from about 450mhz and up. I would like to modify for use on amatuer radio band. If anyone knows how to modify this radio please respond.

73.s

-
WILLIAM HAMPSMIRE DRLM68A@prodigy.com

3046. Re: Mac Ham software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1410950543190001@wd1v.mv.com>
Source record: 211384

In article <jade-1010951544560001@ppp214.compumedia.com>,
jade@compumedia.com (Tom) wrote:

> can anyone tell me where to find a Macintosh ham radio newsgroup?
> Thanks...de Tom

"Macnet Roster" (ver. 695) has just been updated and is now a stand-alone application! The version number = the number of hams using Macs.

You no longer need HyperCard to use this program - yet it has virtually all of the same features and conveniences.

"Macnet Roster" lists:

o CALL SIGN @ HOME PBBS
o FULL NAME
o ADDRESS
o CITY, STATE, ZIP
o INTERNET ADDRESS
o MACS USED
o RADIOS USED
o SOFTWARE USED
o PASSIONS
o COMMENTS

of every known amateur radio operator in the world that uses a Mac computer.

You can use "Macnet Roster" to find other Mac users that you can then communicate with directly. Compare notes on software, applications, ideas, hints and kinks, and make new ham friends that use the same computer you do. (You already know how cool you are - imagine accessing "the rest of us"!)

If you'd like the latest "Macnet Roster":

Send me a formatted disk in a self addressed and stamped disk mailer that is in a large envelope clearly marked "ROSTER".

Put YOUR INFO (via EMAIL or disk using TEACH TEXT) if you'd like to be included in the "Macnet Roster" or send an update to your stats to me via pkt or email anytime.

\/
John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive America On Line: jseney@aol.com
Manchester, NH 03103-6150 AX.25 Pkt: wd1v@wb1dsw.nh.usa.na
(H) 603-668-1096 Ampernet: wd1v@wd1v.ampr.org
Source for Free Macintosh Amateur Radio Test Simulators
\/

LeCroy Sales Engineering - Maine, New Hampshire, and Northeastern Massachusetts
(O) 800-553-2769 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

All opinions are my own, including Digital Storage Scope.FAQ

To obtain the latest copy automatically, simply send me an EMAIL
with "subscribe scope.faq" in the subject field.
or: http://beam.slac.stanford.edu/www/library/w3/dso.html
\/

3047. Re: Mac Ham software (for Yaseu HT)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1410950547120001@wd1v.mv.com>
Source record: 211385

In article <KNAPPSM.95Oct12170255@crablegs.cig.mot.com>,
knappsm@cig.mot.com wrote:

```
> jade@compumedia.com (Tom) writes:
>
> >can anyone tell me where to find a Macintosh ham radio newsgroup?
> >Thanks...de Tom
>
> What I want to know is: Where is Yaseu's HT programming software for
> the Macintosh?
> --
> --------------------------------------------------------------------
> Steven M. Knapp Motorola Inc, CIG
> 1501 W Shure Dr. IL27-3227AR
> Mail: knappsm@cig.mot.com Arlington Heights, IL 60004 USA
```

Hi Steve:

Here is another "Knapp" that uses a Mac....

SP KD3WH @ N3DPU.PA
John E. (Ed) Knapp
9936 Trexler Road
Breinigsville, PA 18031

Wonder if you are related??

73,

\/
John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive America On Line: jseney@aol.com
Manchester, NH 03103-6150 AX.25 Pkt: wd1v@wb1dsw.nh.usa.na
(H) 603-668-1096 Ampernet: wd1v@wd1v.ampr.org
Source for Free Macintosh Amateur Radio Test Simulators
\/
LeCroy Sales Engineering - Maine, New Hampshire, and Northeastern Massachusetts
(O) 800-553-2769 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

All opinions are my own, including Digital Storage Scope.FAQ

To obtain the latest copy automatically, simply send me an EMAIL
with "subscribe scope.faq" in the subject field.
or: http://beam.slac.stanford.edu/www/library/w3/dso.html
\/

3048. Re: Ten Tec Scout...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: dickd@magicnet.net
Message-ID: <45n5ng$71s@comet.magicnet.net>
Source record: 211386

In article <45htgb$fi@BUDS1.baylor.edu>, rgm@bilbo.baylor.edu (Ross G. Miller) says:
>
>Hey all,
> I'm looking for people's opinions on ten Tec's Scout, keeping in mind the
> following circumstances:
> I'm a college student living in an apartment, which means that my financial
> resources are limited as are my antenna options. I've prowled around the
> hamfests and decided that I really don't want to risk multiple hundreds of
> dollars on a used HF rig.
> I'm not looking to do anything particularly exotic - at least not yet - just
> some SSB and CW contacts. I'll probably have to stick to 10, 15 and/or 20
> meters, since I don't think I have the space for a decent antenna (even with
> a tuner) on anything lower.
> Currently, my only experience HF experience is with a Kenwood TS-440 and a
> Scout. I liked the Scout (I'd prefer the TS-440, but it's way out of my price
> range).
> My question to everyone is: Keeping these conditions in mind, would a Scout be
> a good purchase, or should I simply wait until I graduate and have some more
> money?
>
>
> Thanks all,
> -Ross
> KB2RVB
>
>
Hi Ross,

After owning a Scout for about 1 year using it mobil and portable I
would say save your money and get a FT757, TS430, IC735 ect... The Scout
has problems with RF feed back and freq drift. My buddy who bought it
just 6 months ago has already sold it with the same results.

Gud luck, I hope to work you some day on the air.

73, Dick

3049. Ic-245 Schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <813655270.AA03882@hamlink.mn.org>
Source record: 211387

I have an old Icom IC-245 2 meter FM rig with an AM/SSB adaptor.
Last week the LED frequency display went dark and it hasn't come
back on. This naturally makes it difficult to tell what frequency
I'm on or if the radio even happens to be working.
.
I took it apart and found someone had already been soldering jumper
wires on the PLL board. Makes it sound like this radio previously
exhibited similar difficulties. I've seen several old Icom's that
had problems because of the lousy solder joints on the rivets they
used to connect traces on the double sided board.
.
Since this is the only SSB rig I have access to, I'd like to fix
it but don't have any schematic or documentation at all. I tried
our local ham radio store but their service dept had no manual.
If you have a service manual or schematic for this radio, please
send me email and let me know what it will cost to get a copy.
If you have access to a FAX machine, you could FAX it to me at
work. Just be sure to put my name on the cover sheet.
Thanks for your help.

73's.
.
Doug Reed, N0NAS email: doug.reed@hamlink.mn.org
2014 Radatz Ave voice: 612-777-0064
St Paul, MN 55109-1413 FAX: 612-773-2202

3050. Re: KR4FC - Trust him at your own Risk!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <45oedr$krn@newsbf02.news.aol.com>
Source record: 211388

In article <45kpr3$12si@usenetw1.news.prodigy.com>, NCZN58B@prodigy.com
(James Dean) writes:

>I don't know who KR4FC is, but, since I live here in GA, I might just
>look him up to find out the "rest of the story," since the original
>poster included no details

Is he the guy that invented the Maxcom Tuner?? I think I saw him on 20-20
or Geraldo.

3051. Re: ***The CrookBook***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <45ofmc$fmo@cc.iu.net>
Source record: 211389

In <93.7125.7583.0NFBB449@woodybbs.com>, clint.bradford@woodybbs.com (Clint Bradford) writes:
>Subject: ***The CrookBook***
>>>The CrookBook by SpyKing
>This post is in direct violation of CIS Service Terms. You'll
>be notified by CIS shortly to cease and desist.
>Clint Bradford

y'know, i guess i don't understand why Russia would care....

8)

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

3052. Re: Key For Mobile CW (need input).

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: "Joe F. BV/N0IAT" <joentam@transend.com.tw>
Message-ID: <45of8i$777@keelung.transend.com.tw>
Source record: 211390

The heavier the better....

Just my opinion, but unless you mount the paddle securely somehow, I find
a good heavy paddle is best. I personally used to use a vibroplex
standard iambic and it stayed quite nicely in the seat next to me.

I later mounted the paddle on the gear box, to keep my arm from tiring.

good luck es 73,

Joe

3053. Re: CODAN Radio Parts?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: "David G. Henderson" <daveh@moose.erie.net>
Message-ID: <45ojdd$hms@moose.erie.net>
Source record: 211391

There is a Codan office in Canada. I might be able to find it for you if you can't

Davednclark@acs5.acs.ucalgary.ca (Don Clark) wrote:

>I'm wondering if anybody out there knows a reliable source for
>CODAN SSB transceiver parts.

>Don Clark
>dnclark@acs.ucalgary.ca

3054. Re: Kenwood TS-870 first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <45ovd1$pkt@solaris.cc.vt.edu>
Source record: 211392

In article <45eaa3$b5o@tivoli.tivoli.com>, kilgore@wichita.tivoli.com (Jeff Kilgore) says:
>
>I'm highly suspicious of the so-called IF DSP on the 870. Interesting
>that the "IF" DSP processing is done at 11.3 kHz; it sounds like perhaps
>they did it this way so that they could advertise "IF" DSP. Since the
>870 has no provisions for optional crystal filters at the higher IFs,
>it seems that you essentially end up with no benefits a good audio DSP
>can't provide, and you don't get the benefits of proper IF filtering either.
>I'll be interested in what the reviews have to say about the 870, but
>right now I have no plans to sell my 850/DSP-59+ combo.
>
>73,
>Jeff, KC1MK

Got to jump in here....

I've been using the 870 for a couple of weeks now, and not commented in this newsgroup, altho I posted a first impressions on the contest reflector...

The 870 has the clearest receiver audio I have heard, period. It may have the best trasmit audio, from what I glean from on the air reports, as well... The digital if filter selection is better than the filters in my 850. The digital noise reduction is marginal on ssb, but works gangbusters on CW. I expected more from "if digital NR" than the 870 delivers. I also have used a 59+ on the 850 for a few months, and can say that the 870 does not significantly improve on that combination for ssb, but beats it on CW. Even with this disappoinment, the 870 is well worth the trade up imho, if only for the better audio all around, and the additional user features, like the excellent built-in keyer, variety of selections/options accessible thru menu, etc...

The 59+ is still in the station, and can be employed with the 870 for even more flexibility, if necessary. I basically like the 59+ for ssb, but usually don't need it for CW, altho the AGC feature is needed on occasion to bring out a weak buried signal. The only negative I've heard on the 870 was by a contester working multi-multi, who observed that it didn't handle nearby transmitters well...

This rig will probably be improved upon in later generations, but for now it sets a high water mark in many important categories of operation. Try one if you get a chance....
73, John

3055. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: jbmitch@vt.edu
Message-ID: <45ovmm$pkt@solaris.cc.vt.edu>
Source record: 211393

In article <45glqk$1757@core.bard.edu>, gb546@bard.edu (Greg Becker) says:
>I remember seeing a bunch of traffic recently about the Radio Shack DSP
>unit, but I can't find anything in the archives. Comments about the unit?
>The local store has them on clearance...

Worth 50 bucks if you need an auto notch filter, narrow filter selection,
and don't need noise reduction. I use one in my mobile, to null carriers,
(FT 840 doesn't do this), narrow bandwidth (helps a little), and that's
it. Don't expect it to reduce noise.

3056. Yaesu FT-8500 Mods - still looking

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: John Maio <jmaio@swcp.com>
Message-ID: <308002F0.580B@swcp.com>
Source record: 211394

I am in need of the mod info for the FT-8500. I'd sure appreciate receiving this information. e-mail Preferred

Thanks,

John, WB2ARS

3057. FYI: AEA's email address

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: rsemenof@gpu2.srv.ualberta.ca
Message-ID: <45nbve$17oc@pulp.ucs.ualberta.ca>
Source record: 211395

Hello all.

A while ago I posted a query looking for AEA's email address. I've since found it, and since I didn't get any replies I just thought I'd post it here for all to see!

AEA Technical Support: 76702.1013@compuserve.com

--

==========
Raymond H. Semenoff | Amateur radio call sign VE6RHS
Chief Engineer (and bottle washer) |
CJSR 88.5 FM | rsemenof@gpu.srv.ualberta.ca
University of Alberta | Compu$erve: 73637,341
Edmonton, Alberta | Amateur Packet Radio:
CANADA | VE6RHS@VE6MC.#EDM.AB.CAN.NOAM

"Computers in the future may weigh no more than 1.5 tons."
- Popular Mechanics, 1949
==========

3058. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: Joe Pfeuffer <kw1k@ior.com>
Message-ID: <45n9dq$g2v@express.ior.com>
Source record: 211396

Possibly the single worst piece of ham gear ever made -

Useless except for the 'money back if your not satisfied'.

Save your time!

73

Joe / KW1K

3059. Adzen PCD300 HT for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: userid@mail.midtenn.net
Message-ID: <45phho$1oo@grumpy.midtenn.net>
Source record: 211397

For Sale a ADZEN PCS-300 Two meter HT with extra battary and charger
carrieing case and manual.Will sale $130.00 or possible trade
send e-mail too Bobby Raymer braymer@midtenn.net

3060. CODAN Radio Parts?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: dnclark@acs5.acs.ucalgary.ca
Message-ID: <45nd9o$1bo4@ds2.acs.ucalgary.ca>
Source record: 211398

Hi,

I'm wondering if anybody out there knows a reliable source for
CODAN SSB transceiver parts. These parts are needed for ageing
radios in New Guinean outposts. Unfortunately these are all that
can be used for communication. If parts are unavailable does any
one know of a cheap, reliable, SSB replacement?

Thanks in advance,

Don Clark
dnclark@acs.ucalgary.ca

3061. Kenwood TS-130 info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: schiller@halcyon.com
Message-ID: <45ng9u$cr2@news.halcyon.com>
Source record: 211399

Considering buying a TS-130 - any suggestions (other than don't). ;-}
Is there any information on these older rigs online?
Any Mods sight that cover the ts-130? Most start at the ts-140.
Almost any information would be appreciated.

Steve

3062. Yaesu FT-2200 extended receive 110-140Mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-14 00:00:00 UTC
From: killian@aztec.asu.edu
Message-ID: <45ng7u$rvu@news.asu.edu>
Source record: 211400

I just received my new Yaesu FT-2200. When I followed the manual
to enable the extended recieve, it did not work! Is there an error
(typo or something) in the manual? Does anyone have any info to
help me. I REALLY want the extended receive.

Thanks
Mike
KC7JGC

3063. Dual VFO trick for FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: Shawn Wolski <n5una@mail.utexas.edu>
Message-ID: <45pj3r$8i9@geraldo.cc.utexas.edu>
Source record: 211302

If you look through the adverts for the FT-8500, you'll notice that there's nothing there on dual VFOs (the traditional VFO A and VFO B). I'd gotten used to the dual VFOs from my FT-470, so I wondered why the FT-8500 doesn't have that function available. Surprise...it does.

The trick is to set up the 8500 for dual in-band receive, and make the VFO mode active in both displays. For convience, I set the alphanumeric displays to show that had the VFOs active:

VHF: VFO VA (left display); VFO VB (right display)
UHF: VFO UB (left display); VFO UA (right display)

(Keep in mind that the FT-8500 is unable to show in the U&V format.)

Shawn Wolski, N5UNA
n5una@mail.utexas.edu

3064. Re: Kenwood TS-870 first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDGGuMn.E4u@netcom.com>
Source record: 211303

In article <45ovd1$pkt@solaris.cc.vt.edu> jbmitch@vt.edu (jbmitch) writes:
>In article <45eaa3$b5o@tivoli.tivoli.com>, kilgore@wichita.tivoli.com (Jeff Kilgore) says:
>>
>>I'm highly suspicious of the so-called IF DSP on the 870. Interesting
>>that the "IF" DSP processing is done at 11.3 kHz; it sounds like perhaps
>>they did it this way so that they could advertise "IF" DSP. Since the

QRX one!!! DSP units work by sampling an incoming signal, converting to
numbers, processing the numbers, and converting back to analog. This
sampling is done at a minimum of 2x max analog frequency - maybe
6 or 8 kHz in an amateur application, and for this the CPU clock speed
of the DSP could be 25 to 50 MEGAHERTZ - a might fast speed indeed.
The DSP has to do a LARGE number of calculations for EACH sample of audio!
Kenwood presumably put the DSP stage at IF to allow it to operate BEFORE
detection and conversion to audio (which is a process that in a traditional
radio requires a DIFFERENT kind of circuit for SSB/CW, AM and FM).
Thus, I'd contend that what you call "IF" is _REALLY_ IF because it is
still a signal that hasn't been detected to audio (or data, or whatever).

For Kenwood to have DSP operating at 11.3 kHz, it would need to sample
at at least 22.6 kHz - and for each sample at this rate the DSP would still
need to do a LARGE number of calculations, just faster than before. The poor
DSP would have a hard time keeping up, but perhaps they've used a faster
clock speed on their DSP - maybe 50 or 100 MHz, which is still feasible
(I haven't looked at the 870 schematic so I don't know). In any event, for
a traditional amateur IF of 455 kHz or even 9 MHz, you would need to sample
at 910 kHz or 18 MHz respectively, the DSP would STILL need to do that LARGE
number of calculations for EACH sample, so you would have a DSP operating at a
proportionally higher clock speed. I haven't seen any 2500 MHz clock rate
DSPs, let alone 50 GHz clock rate DSPs, so the point here is that to have
DSP in the IF (presuming you want to DSP before the detection stage),
they had to get the IF frequency down as low as possible, and 11.3 kHz
sounds like a perfectly reasonable number to me given the current state of
commercial DSP technology.

I'm certain that as we proceed closer to the "all digital" radio, we'll see
at least for the near future these very low IFs.

Now if Kenwood could do an IC-706 type radio and get it right, I'd be happy!

73 Dave WB0GAZ dgf@netcom.com

3065. Re: Need Info on Yaesu FT900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: Paul Lannuier <gilfer@haven.ios.com>
Message-ID: <45pvsp$2dl@news.ios.com>
Source record: 211304

nema@pcnet.com (Richard Lubash) wrote:
>I am thinking of purchasing a Yaesu FT900/AT and would like any
>information from personal experience good or bad. I would be using it
>for a base rig with ocassional in feild mobile opperation.

I've been using an FT-900 in my car for the past few weeks.
I think you will like it. My only major complaint is the
lack of an RF Gain control. Otherwise, many nice features
and a great little radio.

Best 73!
Paul Lannuier
President
Gilfer Shortwave

GILFER SHORTWAVE | Tech & NJ: (201) 391-7887
52 Park Avenue | Orders/Quotes: (800) GILFER-1
Park Ridge, NJ 07656 | Facsimile: (201) 391-7433
USA | E-mail: gilfer@haven.ios.com
| WWW: http://www.pics.com/gilfer

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TRS CONSULTANTS SWBC ENGLISH LANGUAGE SCHEDULES SOFTWARE

3066. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: marcw@kaiwan009.kaiwan.com
Message-ID: <45sj2n$kqr@kaiwan009.kaiwan.com>
Source record: 211305
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

James A. Storm (jastorm@ix.netcom.com) wrote:

: It's in the latest Heathkit catalog, Model GCW-1001. 1-800-253-0570 for
: 24 hour a day ordering.

Gee, when I called that number a recorded voice said to call back between 8 and 5, EST, Mon thru Fri. Maybe you meant 1-800-253-0570 for 24 hour a day recording. :-)

-Marc

3067. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: "Edwin J. Bailen" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.951015113411.2505A-100000@matrix.eden.com>
Source record: 211306
Cross-posted to:
misc.consumers,comp.periphs,comp.sys.ibm.pc.hardware.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

There is also one in the $harper Image catalog. $250 #JY364 (800) 344-4444.
I have no connection to, or interest in $harper Image.

Ed Bailen -- N5KZW
Information Systems should be tools, not excuses.

On 15 Oct 1995, James A. Storm wrote:

> menz0006@gold.tc.umn.edu (Gregory D. Menzel) wrote:
> >Does anyone know if you can still get a clock which automatically
> >syncs in to and received the time from the NIST WWV radio signal?
> >I remember a long time ago that Heathkit sold a unit with a digital
> >display, but I was too cheap at the time to buy it! Now I really
> >want to get one.
> >
> >Thanks...
> >
> >Greg Menzel
> >St. Paul, MN
>
> Hi Greg,
>
> It's in the latest Heathkit catalog, Model GCW-1001. 1-800-253-0570 for
> 24 hour a day ordering.
>
> 73, WB6LWS, Jim in Pacifica, CA
>
>
>
>
>

3068. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: rtm@netgate.net
Message-ID: <rtm-1510951250270001@ng74.netgate.net>
Source record: 211307
Cross-posted to:
misc.consumers,comp.periphs,comp.sys.ibm.pc.hardware.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <dkelly-1510951157070001@dkelly.iquest.com>, dkelly@iquest.com
(David Kelly) wrote:

> In article <DGGxI1.JMr@news.cis.umn.edu>, menz0006@gold.tc.umn.edu
> (Gregory D. Menzel) wrote:
>
> > Does anyone know if you can still get a clock which automatically
> > syncs in to and received the time from the NIST WWV radio signal?
> > I remember a long time ago that Heathkit sold a unit with a digital
> > display, but I was too cheap at the time to buy it! Now I really
> > want to get one.
>
> For computer use, at least one connected to the internet, one can use a
> time server and sync to one of the standards on the net. "ntpdate" and
> family, or "timed" are standard tools with most any Unix. If not, they
> could be downloaded, compiled, and installed for free. I guess similar are
> available for DOS, I know "Network Time" is a $5 shareware utility for
> Mac.

Here's another approach- for around $300 you can get a new GPS receiver
(such as the Garmin GPS45, you may also be able to find used Motorola PVT-6
units for around $150) and get accurate times that way.

There are also shareware programs for the Macintosh for setting the time of
Macs on a network. I've got one machine with a PVT-6 hooked up to it running
a hack that checks and updates the system clock periodically. It's also the
"master" for the time setting code- other machines run the client part of
the program on startup.

cheers-

--

Bob Martin N6MZV * rtm@netgate.net

3069. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: Ronnie_Day@acd.org
Message-ID: <262142.6971030@acd.org>
Source record: 211308

> (Gregory D. Menzel) wrote:
>
> > Does anyone know if you can still get a clock which automatically
> > syncs in to and received the time from the NIST WWV radio signal?
> > I remember a long time ago that Heathkit sold a unit with a digital
> > display, but I was too cheap at the time to buy it! Now I really
> > want to get one.
>

There is a commonly available freeware utility for the Mac called AutoClock that will automatically call a server, such as the NBS in Ft. Collins or the Naval Observatory server, and then set the computer's clock. You define when and how often the calls are made. In addition, the app keeps track of the computer mean deviation vs. the server and over a fairly short period of time, say calling once a week over a months time, develops enough data to keep the computer's clock within a second of reference. It even switches between standard and daylight savings time. Very slick, and free to boot! Written by Jean-Pierre Gachen. His I-Net address is listed as: jpg 11@calvacom.fr

Don't know if there's anything comparable for PCs, but I'd be surprised if there wasn't.

3070. Re: ANTENNA - Comet CH-32 Miracle Baby

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: GCLL54A@prodigy.com
Message-ID: <45r4qj$18g4@usenetp1.news.prodigy.com>
Source record: 211309

I find that the Miracle Baby is amazingly good on UHF, but not so
good on VHF. I find very liitle difference between the stock antennae
on
most radios, and the Miracle Baby.(on UHF). Gary WB7SLY

3071. WTB: Service Monitor

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: gradys@river.biddeford.com
Message-ID: <45r80s$dl7@noc1.biddeford.com>
Source record: 211310

Would like to purchase a service monitor in good working condition. IFR1200s Motorola 2550/2600 etc.
Call 1-207-934-4656 eve:1-207-282-1763....Grady Sexton WA1GTT

3072. Re: Vector finder and active attenuator

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: ab5p@swcp.com
Message-ID: <45rce3$7ga@sloth.swcp.com>
Source record: 211311

mcinnis@austin.ibm.com (Mickey McInnis) wrote:
>Does anyone have opinions, information, malicious, gossip etc. about
>the "Vector finder" made by Radio engineers Technitron? Is it a
>switched antenna phase shift type system? How does it work when you
>get real close to a strong transmitter in a foxhunt? Does it work well, etc.?

One of our local T-hunters, Jim K5QQ, bought the Vector Finder and
used it for quite a while, but found that generally a simple small
beam antenna and attenuator system worked equally well or better.
He did, however, really like the compact size and antenna arrangement,
the latter being collapsable and convenient. He eventually gutted the
box, and built the W9DUU Direction Finder circuit into the same box.
(FOXHUNT RADIO DIRECTION FINDER by Paul Bohrer W9DUU,
73 Magazine, July 1990, page 9). I may be putting words in Jim's
mouth, but I think he likes this circuit much better.

>I've seen someone advertising an active attenuator for T-hunting. It's of
>the "shift everything 1 MHz up in a mixer" type and cost something like
>$50. Does anyone know who sells these? Any opinions, advice, etc.?

Several of our local T-hunters have built various interpretations of
the active attenuator (myself included), and we all think this is a
VERY handy T-hunting "weapon". I would think that $50 is way
too much to spend, since you can build one yourself for a LOT
less. I built mine to offset the frequency 10 Mhz, rather than 1 Mhz,
to get the signal out of the 2-meter ham band. I once used mine to
zero in on an 80-watt signal fed into an eleven-element beam, and
was able to aim my four-element search beam right into the path
of the signal and still keep the S-meter on scale. Pretty impressive.
I admit, though that I did not have much success with the original
circuit that was described in QST, because that one still put out
too much signal. It took a bit of experimentation with various
circuits and additional attenuation inside the active attenuator
itself, to be able to quench the output enough to do what I just
described.

>BTW, has anyone considered making a fox-hunting group? Think there's enough
>interest?
>--

You have my vote.

73 de Brett AB5P

ab5p@swcp.com
Albuquerque Transmitter Hunting Homepage:

http://www.swcp.com/~ab5p/foxhunt.html

3073. Re: Ham shops in Houston area?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <45reng$1ci$5@mhafm.production.compuserve.com>
Source record: 211312

Joe, the only ham store in Houston doesnt carry much...the
Houston ham market has sucked always (I know...I have dealt with
it for 20 years!)....The Houston AR Supply store in north side
(Spring) has little gear on display (George has been opened for
more than a year but his business is low overhead)...
As for rptrs, there are a lot....MOST open rptrs in Houston use
103.5 PL but some use 123.0 (a MOT favorite)....or 162.2 (the
146.94 machine does)
The following is a SMALL list of 2 and 440 machines:
145.47 BVARC 123.0 pl
146.66 NARS west side Galleria area...COS
146.86 EOC 103.5 PL Houston ARES
146.88 1400ft(oldest 2mtr rptr in Houston) 103.5 PL
146.94 as noted above
147.08 Echo society Open Autopatch *89 up # down
147.32 Echo Society Open AP *89+ number up (RC 850)
147.36 TX DX Society
442.5 SW Houston 103.5 Pl
444.3 West Houston/Galleria (146.2 PL semi closed) Texas Rptr
Network....linked with 444.8 Conroe/N Houston (My rptr-same PL)
444.6 1400Ft sister to 146.88 (71.9 PL)
Hope that helps...give a call on 444.3 while in town
73 Chris WB5ITT 444.8/TRN trustee

--

Chris Boone WB5ITT Compuserve 72732,2610
PO Box 3102 FIDO 1:106/4267
Conroe, Texas 77305-3102 Sysop WBBS @ 409-447-4267

3074. Re: RC-85 Repeater Controller from ACC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <45retd$1ci$6@mhafm.production.compuserve.com>
Source record: 211313

Link Communications in Sydney, Montana bought all stock, etc of
ACC in July 1995...contact Alan or Steve and LINKCOM and they can
possibly help....or maybe I can....Im an OLD ACC owner and have
some tricks etc of programming, interface...

73
Chris
WB5ITT
409-525-2001

--

Chris Boone WB5ITT Compuserve 72732,2610
PO Box 3102 FIDO 1:106/4267
Conroe, Texas 77305-3102 Sysop WBBS @ 409-447-4267

3075. Re: LinkCom support of ACC products

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <45rfa7$1ci$7@mhafm.production.compuserve.com>
Source record: 211314

Steve,
I still have some of the old ACC EPROMs from my earlier versions on my RC850 and the Shackmaster 100.....If they can be of help, I will be glad to provide them at a LOW cost...(or trade, discount on a DVR for my 3s etc...hint hint!)...

Also, are you still wanting to send me a beta test of the RLC 3 software for the new dialing tables??? whats the latest release on the RLC 3 and 2? Do I have the latest version (since I did get those RLC 3 eproms from ya at Ham Com in DFW earlier this year?) Also, I need additional doc on the autopatch, etc...the sheets you gave me eluded to some changes yet I do not see them anywhere in the actual command sheets....

FAX here is 409-760-7477....voice is 409-525-2001...

Also have a LONG list of wants on the RLC 3 now that you guys have bought ACC....plus am available for programming help on the RC850/85 and SM100....and DO you have a COMPLETE schematic on the SM100?? I sure could use one...one of my Shackmasters in on the fritz and I would like to fix it but without a FULL schematic Im in the dark on the IO to the CPU.....

Thanks!!!
Chris WB5ITT

--

Chris Boone WB5ITT Compuserve 72732,2610
PO Box 3102 FIDO 1:106/4267
Conroe, Texas 77305-3102 Sysop WBBS @ 409-447-4267

3076. TH79 - how good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: Leon Heller <Leon@lfheller.demon.co.uk>
Message-ID: <813787085snz@lfheller.demon.co.uk>
Source record: 211315

I'm thinking of getting a Kenwood TH-79E. It's rather new in the UK, so there don't appear to have been any reviews of it in the magazines. Has anyone out there got one (or the TH-79A), and what do you think of it?

73, Leon
--
Leon Heller, G1HSM | "Do not adjust your mind, there is
E-mail leon@lfheller.demon.co.uk | a fault in reality": on a wall
Phone: +44 (0)1734 266679 | many years ago in Oxford.

3077. Equipment for the beginner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: cstar1@ix.netcom.com
Message-ID: <45rpam$7d9@ixnews2.ix.netcom.com>
Source record: 211316

Am looking for information or opionions on the best equipment to purchase for the person just starting out. Any info will be gretly appreciated. My e-mail address is cstar1@ix.netcom.com

Rich Nardiello
Wtby., CT

3078. Collins Mod's

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: xjog@cf.hik.se
Message-ID: <xjog.16.0017654E@cf.hik.se>
Source record: 211317

I'm looking for mod's for Collins S-line (rec 75S-3 and tx 32S-3). Where on Internet can I get those?

Regards Jan (SM7VVG)

3079. Re: tube cross reference

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <45sn6i$dqf@bighorn.accessnv.com>
Source record: 211318

LEO PARENT (leo_parent@mystique.win.net) wrote:

: Can anyone tell me if a 6146a or 6146b will substitute for 2001a
: tube tnx Kb2wk
The Japanese S-2001A is their version of our 6146B. Do not substitute the
6146A (normally only available used or surplus) ... it is not designed
for linear service for SSB, and the bias voltages are somewhat different.

73,

"Squeak" Porray, AD7K,
Manager, Amateur Electronic Supply/Las Vegas

3080. Re: HELP:manual TM-201A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <45snsl$e3j@bighorn.accessnv.com>
Source record: 211319

Sergei Kulyov (skulyov@freenet.columbus.oh.us) wrote:

: Hi gang. I'm looking for the manual for the Kenwood TM-201A 2 m
: radio.

Kenwood East Coast parts outlet is at 1-800-637-0388 ./.. have you tried
them?

73,

"Squeak" Porray, AD7K,
Manager, Amateur Electronic Supply/Las Vegas

3081. PRODUCT REVIEW: SMARTBRIDGE SOFTWARE FOR PALOMAR R-X NOISE BRIDGE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: mc@shore.net
Message-ID: <45scbf$r4c@northshore.shore.net>
Source record: 211320
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

PRODUCT REVIEW: SMARTBRIDGE for PALOMAR ENGINEERS' R-X NOISE BRIDGE

Recently I posted a product review of the PALOMAR ENGINEERS' R-X Noise Bridge. SmartBridge is a program that allows you to measure antenna impedance and SWR using data obtained from the R-X bridge and provide an analysis. The main advantage using SmartBridge is that you can take measurements at the input end of the feed line instead of having to connect the R-X Bridge directly to the antenna terminals.

Since the measurements are to be taken at the transmitter end of the transmission line, it should be obvious that the characteristics of that line must be taken into consideration. Smartbridge takes you through a characterization process of the transmission line you are using with this antenna. Now, you can use SmartBridge from inside your shack to compute the actual impedance and SWR just about every antenna, from the lowly dipole to log periodics. However, the feedline must be co-axial cable.

In order to make transmission line measurements you will need to make up a few simple test adapters (which are not supplied with either the R-X NOISE BRIDGE or the SmartBridge software). These are very simple to make - you'll need a couple of SO-239 and PL-259 connectors, couple of 100 Ohm resistors, etc. Once this is done you are equipped with a powerful and extremely useful antenna measurements tool.

Here's how it works: once your transmission line characteristics have been defined and entered all you have to do is enter your noise bridge measurements in a familiar, spreadsheet-type screen. Results can be graphed on the screen and printed for future reference and comparison. Also, many different transmission line characteristic data can be saved for use later.

As with the PALOMAR ENGINEERS' R-X Noise Bridge, I found SmartBridge an extremely useful adjunct to help to keep my antenna technical files up-to-date and meaningful. I have seen the antenna/swr analyzers available for substantially more than the cost of both the noise bridge and SmartBridge software together ($110.00) . I wonder what they can do that this pair from PALOMAR ENGINEERS can't?

%T SmartBridge
%A C. Fisher
%I PALOMAR ENGINEERS
%C PO Box 462222, Escondido CA 92046 619-747-3343
%D 1993

%O $29.95

(C) 1995
Michael Crestohl
Nahant Massachusetts USA
mc@shore.net

DISCLAIMER: I have no interest, financial or otherwise, in the success or failure of the book or materials reviewed herewith, nor have I received any compensation (other than a review copy requested by me) from anyone who has. All opinions expressed are strictly my own.

Other Internet and Aviation book/software reviews by me can be obtained by anonymous FTP from: x2ftp.oulu.fi in the /pub/books/crestohl directory.

3082. FT2700RH mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: Neil Hosker <neil@morgan2.demon.co.uk>
Message-ID: <476130456wnr@morgan2.demon.co.uk>
Source record: 211321

I'm looking for mods for the above set. I'm especially looking for extended coverage. I hope there is some kind person out there who can tell me how to do it, or can tell me where to get the info.

Neil Hosker G8UEK EMail neil@morgan2.demon.co.uk

3083. Flaky Kenwood TM-742 - Id

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8015239363202@humnet.humberc.on.ca>
Source record: 211322

>
> I am posting this for a friend who is currently between email addresses.
> [Since I have the same radio purchased on the same date - I too am quite
> interested in the answers.] Email replies would be more convenient for
> me but she and I would welcome insights in any form.
>
> - - - - - - - - - - - -[snip here] - - - - - - - - - - -
>
> I have a Kenwood TM-742A that has been behaving strangely.
> Sometimes while I'm transmitting it becomes "frozen", i.e. the level
> meters remain at their most recent indication, and I'm not actually
> transmitting. Often a power reset will clear this, but not always.
> At other times, it won't respond to the power on/off switch - either
> it won't power on if it's off, or it gets stuck in the power-up
> display (the one with just 'on' displayed) when I try to turn it off.
> One time it got into a state where it had two bands showing the green
> "selected" light simultaneously. And this morning, the radio froze
> while I was just receiving, and it wouldn't respond to the power
> switch. A few hours later, it had revived itself.
>
> Unfortunately none of this behavior is reproducible on demand, and
> I haven't been able to find any correlations with heat, location,
> engine running or not, etc. There are no other transmitters in the
> vehicle.
>
> The radio is mounted in the trunk of my 1993 Accord 2-door, and the
> control head is mounted on the cup holder, center console.
>
> Fortunately it is still under warranty. I'd be interested to know
> whether any of you have encountered similar problems, and if so,
> what you did to solve them.
>
> Thanks in advance for your help.
> 73,
> Nancy / N1OEZ
>

Since you mention that the radio is remote mounted...
The problem sounds like there may be a poor or intermittent connection
in the remote mounting wiring. The head communicates with the main
chassis to update the display and send back any changes in front panel
controls. According to your description it sounds to me like the data
connection is being lost at times.

The first thing I would do is to check the connections of the remote mounting wiring...make sure the connection at the chassis and at the head are good. Your friend may want to take them apart and re-connect them. See how that goes. If the problem presists then I would put the radio back together as a complete unit...eliminate the remote mounting kit and run it like that for a week or two. If there problem disappears then the culprit was indeed the remote wiring.
Have a look at the remote wiring...make sure there is continuity between either end of the 4 wires...look for nicks or cuts throughout the whole assembly, Perhaps it has been pinched by a door, the trunk or the kickplate in the car depending on the installation.

If the problem is still there with the radio put back together (head attached to the main chassis..not remote connected) then obviously there is a problem within the radio...if your friend is so inclined he/she may want to open it up and look for poor solder joints and/or cracks on the pc board.

Regards...Hugh Duff VA3TO Toronto

 NFX v1.3 [000]

--

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3084. WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-15 00:00:00 UTC
From: menz0006@gold.tc.umn.edu
Message-ID: <DGGxI1.JMr@news.cis.umn.edu>
Source record: 211401
Cross-posted to:
misc.consumers,comp.periphs,comp.sys.ibm.pc.hardware.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

Does anyone know if you can still get a clock which automatically
syncs in to and received the time from the NIST WWV radio signal?
I remember a long time ago that Heathkit sold a unit with a digital
display, but I was too cheap at the time to buy it! Now I really
want to get one.

Thanks...

Greg Menzel
St. Paul, MN

3085. Re: 75S Series Receivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: David Werner <werner@itis.com>
Message-ID: <45u0ru$4uq@tower.itis.com>
Source record: 211252

The 75S3 came with the superb 200hz crystal filter standard.
You can get more modern filters (with "better" shape factors)
but none that sound so good!

Dave (AA9OL)

PS The 'S3 should also have the much desired "weighted" spinner
knob.

3086. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: unidextr@nando.net
Message-ID: <45sag1$d4g@castle.nando.net>
Source record: 211323
Cross-posted to:
misc.consumers,comp.periphs,comp.sys.ibm.pc.hardware.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

On Sun, 15 Oct 1995 11:57:07 -0500, dkelly@iquest.com (David
Kelly) wrote:

<
<Is Heathkit back in business?

Heath/Zenith has always been around, not back in business- still
in business!
--
It's too bad that 'HATE' has become a new family value!

3087. TS-870 Windows Software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: pgodbold@pavilion.co.uk
Message-ID: <45s95t$sjj@s02.pavilion.co.uk>
Source record: 211324

Windows Software to drive the Kenwood TS-870 (this is not supplied in the UK)
Is it any good?
Does it only control main functions like previous Kenwood drivers?
If it is good - I need to have a copy please!

73 de Phil G4UDU

3088. E-TACS ESN GRABBER *FOR SALE*

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: Technical Support <tech@medsin.demon.co.uk>
Message-ID: <813808303.21730@medsin.demon.co.uk>
Source record: 211325

Hello All,

I have designed,built and tested a ETACS ESN,MIN,Telephone Number dialled reader.

This device interfaces to a PC via the printer port and has to be wired to the
discriminator output of a scanner.

It has been tested on a TANDY Realistic PRO-2006 and an AOR-3000A Plus scanner.

The discriminator output is the ONLY reliable means of extracting the data.

The unit itself is approx. 6cm x 5cm and can be powered and mounted within the
scanner.

The software will log the ESN (Electronic serial number), MIN (Telephone Number), and Telephone number dialled.

In addition the software incorporates basic error checking.

The ESN and MIN are logged to disc as a text file.

The unit is primarily designed to verify a phones identity but is sensitive
enough to log details from some distance.

The unit is 300 UKPounds and can be supplied within a few days.

E-Mail: tech@medsin.demon.co.uk

Cheers

3089. WTB: Yaesu FT-727R computer interface.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: ad747@lafn.org
Message-ID: <1995Oct16.011141.14443@lafn.org>
Source record: 211326

I am looking to buy the computer interface and software for an older Yaesu handheld--the FT-727R. Even if you have only a copy of the software it would be of great help to me. Thanks for reading this message. Alan, AA6DW
ad747@lafn.org
AA6DW @ WB6YMH.socal
310-398-8538
--

3090. Atlas Radio??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: "Dave WB5HJV"
Message-ID: <45sff5$9t7@news.blkbox.com>
Source record: 211327

An elderly ham friend of mine ordered an Atlas 400X HF Transceiver back in November of 1992. He has received numerous letters and promises of shipment. He has yet to receive the radio! Does anyone have any information or experience with Atlas Radio?

Thanks,

Dave WB5HJV
dunderwd@blkbox.com

3091. Re: eto 91 beta amplifier ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <45sl2k$agr@tilde.csc.ti.com>
Source record: 211328

>Joe (joentam@transend.com.tw) wrote:
>
>: The amp is actually manufactured in Bulgaria, but
many of the amplifier
>: components are Russian built (to my surprise). The
tubes are by Eimac,
>: so they are of the highest quality.
>
>The 91B uses Svetlana 4CX800s.
>
>73, Jay K0GU jayk@fc.hp.com

Thanks for the correction. You're correct. The 91B
uses the Russian built Svetlana tube. The 89 uses the
Eimac tubes. OOPS!

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

3092. HELP - Icom ICW2A Speaker Connection

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: jsollows@direct.ca
Message-ID: <45sks2$neq@grid.Direct.CA>
Source record: 211329

I have an Icom ICW2A and want to be able to use an external speaker AND and external mic. I have the HM70 speaker mic but it seems that Icom has only provided the option of using the internal speaker or the speaker mic. Has anyone had success connecting an external speaker to this HT as well as an external mic?

Jim VE7JLS

3093. HELP - Icom ICW2A LCD Display

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: jsollows@direct.ca
Message-ID: <45sl1i$neq@grid.Direct.CA>
Source record: 211330

Does anyone know if the viewing angle on the ICW2A's LCD display can be varried?

Jim VE7JLS

3094. Want Info on Trident Scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <45sn7k$fqs@foible.pix.za>
Source record: 211331

Hi I am looking for info on the Trident Scanner. Apparently it has some spectrum analyser features.

Regards, Danie zs6awk

3095. Info on Scanners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <45snar$fqs@foible.pix.za>
Source record: 211332

Are there any web/ftp sites with more information on scanners ? I would like to get hold of a scanner that has Spectrum Analyser capabilities.

I think the Trident and AOR300A can do things like this or not ?

Danie ZS6AWK

3096. ICON 730 price check?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1610951522150001@m14494-mac.mitre.org>
Source record: 211333
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I have a chance to buy an Icom 730 HF rig. It's clean, and in good working order. What's a fair price? Thanks.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

3097. Can I use a 12 volt deep-cycle marine battery to ...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: BRETSKI <bap@storm.atms.purdue.edu>
Message-ID: <Pine.A32.3.91.951016133837.17834B-100000@storm.atms.purdue.edu>
Source record: 211334
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

Fellow amateurs.

Can I use a 12 volt deep-cycle marine battery to:

1. Power my HTX202? If so can I use the same guage wire that I use
with the gel cell? Pardon my ignorance but the battery is so big
compared to the HT. The battery runs the 12 volt system in the
camper.

2. Power my Radio Shack 30 watt power AMP? The AMP draws 6 amps
of current continous and I think the in-line fuse is
8 amps. I bought a regulated power supply from Radio Shack
that pops its breaker at 2.5 amps. It is ok for packet
but voice draws too much. The supply gives 13.8 VDC steady.
The battery would give probably 12.5 VDC and slowly drain off, obviously.
Any problem with that? Again does the guage of the wiring
make a difference?

Finally, I built a 2 meter ground-plane antenna from 12 guage wire
and a RO-239(?) connector. It works well off my HT, but would like
to use the AMP to it. Would 30 watt power hurt it? It has one
verticle radiator and two radials.

Thanks de N9ZFF

BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
bap@storm.atms.purdue.edu / speaking only for myself.
/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ..__ /\/\/\/\/\/\/\/\

3098. Re: Can I use a 12 volt deep-cycle marine battery to ...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: murso@fnalv1.fnal.gov
Message-ID: <45uauv$c5c@fnnews.fnal.gov>
Source record: 211335
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <Pine.A32.3.91.951016133837.17834B-100000@storm.atms.purdue.edu>, BRETSKI <bap@storm.atms.purdue.edu> writes:
>Fellow amateurs.
>
>Can I use a 12 volt deep-cycle marine battery to:
>
>1. Power my HTX202? If so can I use the same guage wire that I use
> with the gel cell? Pardon my ignorance but the battery is so big
> compared to the HT. The battery runs the 12 volt system in the
> camper.
Absolutely No problem here, but I have been told to take off the battery pack when using the 202 on External power. Seems to build up less heat.

>2. Power my Radio Shack 30 watt power AMP? The AMP draws 6 amps
> of current continous and I think the in-line fuse is
> 8 amps. I bought a regulated power supply from Radio Shack
> that pops its breaker at 2.5 amps. It is ok for packet
> but voice draws too much. The supply gives 13.8 VDC steady.
> The battery would give probably 12.5 VDC and slowly drain off, obviously.
> Any problem with that? Again does the guage of the wiring
> make a difference?
1st,
of course the amp will pop the breaker, it draws 6 amps, the supply is rated at 2.5, not really a surprise. On Packet the transmissions are verry short and the supply handles it, but either use a bigger supply or use the battery you spoke of with a charger on it. (Even a small 2a trickle cosidering the duty cycle you will probably run.)
2nd,
The wire does make a difference, and I wouldn't worry about the drop in voltage. On the 202 all that does is lower the output power until the voltage drops low enough to drop out the HT altogether. For wire I use polarized lamp cord at 16 AWG. Good for 8-10 amps with no problem (again - duty % makes a difference as well as length)
>Finally, I built a 2 meter ground-plane antenna from 12 guage wire
>and a RO-239(?) connector. It works well off my HT, but would like
>to use the AMP to it. Would 30 watt power hurt it? It has one
>verticle radiator and two radials.
You have 1 radiator and 2 radials, I might add a third to bring it closer to 50ohms but it should work just great. Put it this way, it is a heck of a lot better than a duck!
>
>Thanks de N9ZFF
>

>
Good luck,
73 Mike KB9KFE
>
>BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
>CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA 47907
>bap@storm.atms.purdue.edu / speaking only for myself.
>/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__ /\/\/\/\/\/\/\/\

3099. Re: Can I use a 12 volt deep-cycle marine battery to ...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: mkeitz@bev.net
Message-ID: <45ucdd$spb@solaris.cc.vt.edu>
Source record: 211336
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

In article
<Pine.A32.3.91.951016133837.17834B-100000@storm.atms.purdue.edu>,
BRETSKI <bap@storm.atms.purdue.edu> wrote:
>Fellow amateurs.
>
>Can I use a 12 volt deep-cycle marine battery to:
>
>1. Power my HTX202? If so can I use the same guage wire that I use
> with the gel cell? Pardon my ignorance but the battery is so big
> compared to the HT. The battery runs the 12 volt system in the
> camper.

Yes. 12V is 12V regardless of where it comes from. The same gauge wire is
OK as well, since the HT will only draw as much current as it needs. But
it is *vital* to place a fuse or circuit breaker of a size apropriate for
the capacity of the wire right at the battery, so the high short-circuit
current of the large battery won't cause a fire in case of a short.

>
>2. Power my Radio Shack 30 watt power AMP? The AMP draws 6 amps
> of current continous and I think the in-line fuse is
> 8 amps. I bought a regulated power supply from Radio Shack
> that pops its breaker at 2.5 amps. It is ok for packet
> but voice draws too much. The supply gives 13.8 VDC steady.
> The battery would give probably 12.5 VDC and slowly drain off,
obviously.
> Any problem with that? Again does the guage of the wiring
> make a difference?

This will work fine as well. The amp may not output quite as much power
with 12.5 V instead of 13.8, but it won't damage anything. The reason the
power supply works on packet is because the breaker is a thermal type that
does not trip instantly. You are drawing 6A from the supply (actually
less, since the voltage will drop) in either case, but the breaker doesn't
have time to open on packet. Wire of 16 gauge (what probably came with the
amp) is OK for short runs at the 8A level. It is important to keep the
wiring short so the voltage at the amp stays as high as possible. If the
wire must be more than a few feet long, consider going to 14, 12 or 10
gauge, not as a safety concern, but for higher performance. Again, the
fuse should be located right at the battery so any possible shorts in the
wiring will cause it to blow. The best way to tell if your wiring is
adequate is to measure the voltage at the amplifier and at the battery
while transmitting. If this test shows more than 0.5V or so drop, larger
wire will probably get you more RF output.

>
>Finally, I built a 2 meter ground-plane antenna from 12 guage wire
>and a RO-239(?) connector. It works well off my HT, but would like
>to use the AMP to it. Would 30 watt power hurt it? It has one
>verticle radiator and two radials.

This will handle 30W just fine. I have used such antennas at the 100W level and they can probably handle much more. The thing to be careful of is to keep the antenna reasonably away (10' or more, but this is a trade-off with loss in the coax) from the rest of your hardware and 'wetware' when running high power. This is so the RF doesn't feed back in to low-level circuits and cause problems. Moving the antenna straight up is the best direction to take when moving it away.

-Mike KD4QDM

3100. ISO source for Motrac control head

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: thharrel@cs.nmsu.edu
Message-ID: <45sq1t$9j0@bubba.NMSU.Edu>
Source record: 211337

Sorry if this post isn't exactly on topic - it's the best I could do.

I recently 'acquired' an old Motorola Motrac two-way radio, minus
control head and mike (but with all docs, manuals, etc.). I wanted
to retune this puppy for two-meter use in a fringe area. Question
is, can anyone point me to a source for Motrac control heads, etc.?

Any and all responses appreciated, either by email or usenet post.

Thanks!

T.J.
--
| T.J. Harrell III NRA KC5KTO thharrel@cs.nmsu.edu | _\| /\ |/_
| Check out my scanner web page at: | \ / \ /
| http://www.cs.nmsu.edu/~thharrel/scanner/scanner.html | / \
| * Opinions not those of NMSU ARC or Business Office * | /______\

3101. Dedicated radio for packet?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: d-cripps@dircon.co.uk
Message-ID: <45t64p$hjq@newsgate.dircon.co.uk>
Source record: 211338
Cross-posted to: uk.radio.amateur,rec.radio.amateur.equipment

I've recently got back on the air and linked my Icom 2/70 handheld up to a PK232 to experiment with packet.

The thing is my handheld is a bit OTT as a single freq, packet, transceiver.

What I'm looking for (I think) is a dedicated radio that can act as my packet radio, transmitting approx 10W. What should I be looking at?

Any suggestions for second hand mobile rigs or ex-PMR (although I've never done any conversion work and am a little apprehensive of this route) or possibly a specially designed packet rig (if such a thing exists - I vaguely remember a review in an old HRT of a KAM 2M packet?) welcomed.

73s and thanks

David Cripps G7IDB

3102. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: Collier_Chun@ccm.hf.intel.com
Message-ID: <45tpd8$buq@ornews.intel.com>
Source record: 211339

In article <45n9dq$g2v@express.ior.com>, kw1k@ior.com says...
>
>Possibly the single worst piece of ham gear ever made -
>
>Useless except for the 'money back if your not satisfied'.

... and if you pay by credit card. Pay cash, and
expect to get credit only--good towards choosing another
piece of Radio Shack merchandise...

That's my experience.

3103. Re: HELP - Icom ICW2A Speaker Connection

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: eus.eusmge@memo.ericsson.se
Message-ID: <45ts0g$7k7@cnn.exu.ericsson.se>
Source record: 211340

jsollows@direct.ca (Jim Sollows) wrote:

>I have an Icom ICW2A and want to be able to use an external speaker
>AND and external mic. I have the HM70 speaker mic but it seems that
>Icom has only provided the option of using the internal speaker or the
>speaker mic. Has anyone had success connecting an external speaker to
>this HT as well as an external mic?

>Jim VE7JLS

Hi Jim,
I do a lot of 440 work, so I plug my speaker into the far right jack
(440 audio only) and the mic into the other one. If you want to do
this on 2M, you can check and see if your speaker/mic has an earphone
jack on it. If it does, hook your speaker in there. Works great for
me. --Mike KD6PKJ

3104. Re: HTX-202 problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: BCHADBOU <BCHADBOU@mailgw.sanders.lockheed.com>
Message-ID: <45u9p5$pql@news.sanders.lockheed.com>
Source record: 211341

davev@atkc.COM (Dave van De Kerk) wrote:
>A friend reported the following error:
>
>HTX-202, serial number 00419XX, had been programmable. Now, the unit
>definitely has the function key working. The key you press with
>the function key for writing memories works, but the key sequence...

Dave,

My first HTX202 failed within the first 2-3 days with a very similar problem; the keypad and function key seem to be the common denominator. My function key and Light key seemed to become shorted, pressing either turned on the light, but none of the function sequences worked. Also some of the other number keys were non-functional (e.g. pressing a "6" returned a "3").

I took it back to the store for a warranty replacement, no questions asked.

The failure may have been related to having a very low battery charge - that's the only other indication I had. It definitely did not recover after recharging the battery.

Good luck
Bruce / KE1CY
Merrimack NH

3105. T-hunting again - Doppler Systems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: mcinnis@austin.ibm.com
Message-ID: <DGK58H.MIJ@austin.ibm.com>
Source record: 211342

Thanks for the info on other systems, does anyone have opinions on
Doppler Systems doppler units for T-hunting?
--
Mickey McInnis - mcinnis@austin.ibm.com
--

3106. Re: Key For Mobile CW (need input).

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Oct16162213@rinhp750.gmr.com>
Source record: 211343

In article <45n9ri$g2v@express.ior.com> Joe Pfeuffer <kw1k@ior.com> writes:
>
> I am looking for a small paddle set for mobile CW and would
> appreciate any recommendations, opinions, etc.

I took an old computer mouse and wired it to use as a paddle. It's held
to my thigh with a velcro strip run through the mouse and held in place
by the top clamping it to the bottom. It seems to work fine. I haven't
used it enough to get good enough to use it in a conversation but that's
just re-learning some fingering.

--
Val Breault vbreault@gmr.com \ /| ars N8OEF
GM R&D Center - instrumentation dept. \ / | pres GM ARC
My opinions are not necessarily those \ /__| HF mobile on
of GM R&D or of the GM Corporation. \/ |___ 14.200 +/-

3107. Alinco DJ-191 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: andrew_taylor@mindlink.bc.ca
Message-ID: <45uj95$ek9@fountain.mindlink.net>
Source record: 211344

Does anybody have any Mods for the Slinco DJ-191
2 meter Handheld?

thanks in advance
AT
VE7 ZXC

3108. Re: 2 meter amp Type acceptance?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <813885777.19131@pinetree.microserve.com>
Source record: 211345

Lyle Tanner <ltanner@indirect.com> wrote:

>I have a commercial band radio that I wish to boost the power on within
>the commercial band as well as the ham band. Could I legally go with a 2
>meter amp?

Meeting the required technical specifications is not the same as being
Type Accepted. The latter requires submission of test results to the FCC
in order to have a Type Acceptance number assigned. Unless that's been
done, the equipment combination you're describing will be illegal for use
in the commercial spectrum.

73,

Jack WB3U

3109. Re: Kenwood TS-870 first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <813886545.19131@pinetree.microserve.com>
Source record: 211346

n4lq@iglou2.iglou.com (Steve Ellington) wrote:

>I too am a bit suspicious. 11KHz is within the audio spectrum and can be
>HEARD. Obviously, there are I.F. stages ahead of this one. What are their
>bandwidth? Are they adjustable?

11 KHz is just as legitimate an IF frequency as 455 KHz, 9 MHz or
40 MHz. The fact that 11 KHz is audible is immaterial.

The real question is how vulnerable preceding stages are to overload and
IMD. Assuming AGC is derived after the DSP, this is probably determined,
in part, by the location of the points at which AGC is applied.

If dynamic range and IMD specs of this unit are good, then the IF
frequency is probably of little, if any, consequence.

73,

Jack WB3U

3110. Dead Tubes? ? ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: dpsquigg@acs.eku.edu
Message-ID: <1995Oct16.201355.6645@acs.eku.edu>
Source record: 211347

How can I tell if the output pubes in my transmitter need to be replaced? I have a Kenwood T-599-D using a pair of 6146-b's. I think it may be time to replace these tubes and I want to know for sure. Please e-mail directly to dpsquigg@acs.eku.edu thanks Dan WD4IRK

3111. Need Schematics IC-120 and IC 449A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: Phillip Perry <pperry@clark.net>
Message-ID: <45uk71$iq8@clarknet.clark.net>
Source record: 211348

Hello, this is Phillip Perry at Ft. Meade Md. I am
needing the schematics for both the IC-120 (1.2Ghz x-cvr) and the
IC-449A (440 mhz X-cvr). If you can help me out, please e-mail me at
pperry@clark.net Then we will be able to make arrangments from
there. Thank you very much for your help. Best of 73.

Phillip Perry
pperry@clark.net

3112. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: jabrams@hoflink.com
Message-ID: <Pine.BSD/.3.91.951016231828.2139A-100000@hoflink.com>
Source record: 211349

On 15 Oct 1995, Ronnie Day wrote:

> that will automatically call a server, such as the NBS in Ft. Collins or the
> Naval Observatory server, and then set the computer's clock. You define when
> and how often the calls are made. In addition, the app keeps track of the
> computer mean deviation vs. the server and over a fairly short period of
> time, say calling once a week over a months time, develops enough data to
> keep the computer's clock within a second of reference. It even switches
> between standard and daylight savings time. Very slick, and free to boot!
> Written by Jean-Pierre Gachen. His I-Net address is listed as: jpg
> 11@calvacom.fr
>
> Don't know if there's anything comparable for PCs, but I'd be surprised if
> there wasn't.
>
A similar program (shareware) Timset.zip (timeset 7.2) is for the PC.

3113. Re: Parsons Technology Address?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: Ellison_Steve@hq.navsea.navy.mil
Message-ID: <45u1ob$lis@sparky.navsea.navy.mil>
Source record: 211350

Tele: 1 800-223-6925

sdolmft@interaccess.com (Steven D. Olson) wrote:

>I would like to order Atomic Clock for Windows software from Parsons
>Technology, mentioned in October QST. Am looking for a phone # or address for
>Parsons Technology. Please respond to email address: sdolmft@interaccess.com
> Thanks, Steve, WO9L.
>Dr. Steven D. Olson
>Pastoral Counseling Center, Lutheran General Hospital
>1610 Luther La., Park Ridge, Il., 60068-1243 voice: 708-518-1800
>fax: 708-823-9222 AOL/sdolmft sdolmft@interaccess.com

3114. Re: FT-1000MP ??????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-16 00:00:00 UTC
From: U40241@uicvm.uic.edu
Message-ID: <95289.222140U40241@uicvm.uic.edu>
Source record: 211351

I've just been looking at the ads for this rig. No doubt the major upgrade, to my thinking, is the addition of the Collins mechanical 2.75 khz filter. Ironically, the baby was thrown out with the bathwater some fifteen or twenty years ago when digital became the dominant trait of design trends. Collins mechanical filters are very flat, very steep and have great ultimate rejection at the bottom of the skirt. Tuning a Collins-equipped rig is distinctive: now you hear 'em, now you don't. Using 2.75 Khz bandpass is also a significant design feature, as at least the average voice has (allegedly) been shown to retain the maximum balance of intelligibility at about 2.7Khz. The FT-1000MP offers wide control options over what filters are cascaded for a given reception situation, taking good advantage of the potential of multiple resources. Additional narrow mechanical filters are, I think, offered optionally. Dual true receivers and separate optimized preselectors for lower and higher bands add to the potential for severe-signal reception.
Remember, ARRL Labs tested the FT-1000 and summarized that it had the best receiver specifications that it had *ever* tested! I can't imagine that anything out there, even W-J's HF-1000, will approach the MP in this regard. It may be a bit weak on AM reception without a syncronous detector etc, but exhulted (ssb) reception of AM does the job better than sync when the going gets tough, though with reduced fidelity. In addition, there is nothing to stop you from selecting a Collins filter replacement with bandwith of your choice for any such special application, given the apparent control you have over filter selection. Yep; looks to me like the best of the best-- but after decades of promises and disappointments I for one will wait for a good solid review to confirm my suspicions before replacing my ageing KWM-380. K9ZAT.

3115. Re: Can I use a 12 volt deep-cycle marine battery to ...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: johnmxl@ix.netcom.com
Message-ID: <45v63t$73e@ixnews6.ix.netcom.com>
Source record: 211253
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment

In <Pine.A32.3.91.951016133837.17834B-100000@storm.atms.purdue.edu>
BRETSKI <bap@storm.atms.purdue.edu> writes:
>
>Fellow amateurs.
>
>Can I use a 12 volt deep-cycle marine battery to:
>
>1. Power my HTX202? If so can I use the same guage wire that I use
> with the gel cell? Pardon my ignorance but the battery is so big
> compared to the HT. The battery runs the 12 volt system in the
> camper.

Yes. The load (the radio) determines the size of the wire needed.
Since the '202 draws abt 1 amp on high power transmit, light guage wire
will be OK on either power source.

Physical size of the battery isn't the concern...voltage is. The
larger battery will last longer (a lot longer, most of the time.)

>
>2. Power my Radio Shack 30 watt power AMP? The AMP draws 6 amps
> of current continous and I think the in-line fuse is
> 8 amps. I bought a regulated power supply from Radio Shack
> that pops its breaker at 2.5 amps. It is ok for packet
> but voice draws too much. The supply gives 13.8 VDC steady.
> The battery would give probably 12.5 VDC and slowly drain off,
obviously.

It will work fine.

> Any problem with that? Again does the guage of the wiring
> make a difference?

Depends on the length of the run from the amp to the battery. The
longer the run, the larger guage of wire you need to reduce voltage
drop.

>
>Finally, I built a 2 meter ground-plane antenna from 12 guage wire
>and a RO-239(?) connector. It works well off my HT, but would like
>to use the AMP to it. Would 30 watt power hurt it? It has one
>verticle radiator and two radials.

No, the output of the amp will not hurt the ground plane. Make sure
you have a good match (SWR) between the amp, or the protection circuit
of the amp will shut down the amp.

Curious...why didn't you add the other two radials?

>
>Thanks de N9ZFF
>
>
>
>BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC
SCIENCES
>CIVL 4252 317-494-0678 / PURDUE UNIVERSITY / WEST LAFAYETTE, INDIANA
47907
>bap@storm.atms.purdue.edu / speaking only for
myself.
>/\/\/\/\/\/ __... /\/\/\/\/\/\/\/\ N9ZFF /\/\/\/\/\/ ...__
/\/\/\/\/\/\/\/\

Have fun...

John
KD6MXL@KM6PX.#NOCAL.CA
johnmxl@ix.netcom.com

3116. Icom 706 New HF/50Mhz/144MHz Rig---> Mods !!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9510170042.AA28739@noldor>
Source record: 211254

Needed IC-706 Tx Mods for operation at 70MHz. Planning to use the IC-706 in
the U.K. and have heard that one can get it to generate a 3mW signal at 70MHz.
I work for a cable TV amplifier company that makes solid-state amplifiers from
50MHz to 800MHz with various Input and Output Powers.
Does Anyone Have the 4 meter mod for the New Icom IC-706,
I have built a 1 - 10 mw input and 25watt amplifier that covers 4 meter
operation. Willing to help anyone with CATV samples in exchange with Mod help.
Thanks

Mike
CATV Solid-State Operation

Internet-email address:
aust@gandalf.sp.trw.com

CATV Solid-State Operation

3117. Remote control standards Help !

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: rampan@accent.net
Message-ID: <45v3mv$187@news0.accent.net>
Source record: 211255

Hi There !
I have recently purchased a Teac Receiver with the "UR Remote control
" standard , and I happen to have a Pioneer Cassette Deck with "SR Remote
control ", I've tried an connect it to my new
receiver, but it did not respond, so obviously they are not compatible.

Is there any way that I can make them talk to each other ?

the receiver is a " TEAC AG - V2050 Audio/Video Surround Receiver UR "
The Cassette Deck is a " PIONEER CT-W602 R SR "

Thanks a million ,

R. Panossian
r_panos@alcor.concordia.ca

3118. Updated WWW Site

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: amsoft@epix.net
Message-ID: <NEWTNews.813970745.11764.amsoft@amsoft>
Source record: 211256
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

The AmSoft web page "http://hamster.business.uwo.ca/~amsoft/" has
been reworked. It is now the Mother of all WWW sites for Amateur
Radio. Connect to over 125 ham sites direct from the front page.
New HTML work includes online forms, plenty of color and lots of
FUN! It could be addicting using our page.

3119. *** 6 meter SSB/CW Handheld ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: erwin.cremers@ingram.nl
Message-ID: <DGL5r7.2ts@inter.NL.net>
Source record: 211257

Hello,

I have been told that there is a small handheld 6 meter SSB/CW available in the US. Can any one tell me what brand it is, what the specs are and if you have experience using it.

Thanks,

Erwin PE1MRG
The Netherlands

3120. FOR SALE: YAESU FT26, HANDHELD, NEW IN BOX!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: Helicfi@internetMCI.com
Message-ID: <45urn0$enm@news.internetmci.com>
Source record: 211258

I have a new Yaesu FT-26 2-meter band 5-watt handheld i would like to
sell, I don't no very much about ham radio equipment, what's it
worth????
ANY REASONABLE OFFER!!!!
CALL PAUL BETWEEN 4:00P.M. AND 10:00P.M. CENTRAL TIME
601-863-7092
Please, no E-mail..

3121. Icom IC-706 Mods !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9510170012.AA28678@noldor>
Source record: 211259

Loooking for the tx mod to use the IC-706 on (70MHz) 4 meters ,
I now it only puts out 3mw, but have built a 1-10mw input amp to 25watt amp
for 4meters and will get on 4 meters this way for use in the U.K.
please send Info via Internet E-mail to:
aust@gandalf.sp.trw.com
thanks

3122. Stolen HT!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: k1paddler@aol.com
Message-ID: <4603cb$b0c@newsbf02.news.aol.com>
Source record: 211260

I know I'm probably wasting my time but;

My van was proken into yesterday, 10-15-95, in Washington, DC.

Among other things, my Icom 32AT, serial # 5195, was stolen.

They took my hand mike but not the antenna, it was connected to a
magmount.

Reward if found.

Mike, KG5IB
++++++++++++++++++++++++++++++++
+ Michael Sawyer KG5IB +
+ 3L, Georgetown Law +
+ Michael.Sawyer@law.georgetown.edu +
++++++++++++++++++++++++++++++++

3123. Re: HELP - Icom ICW2A Speaker Connection

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: geertj@ripe.net
Message-ID: <DGLEHB.CsD@inter.NL.net>
Source record: 211261

In <45urtr$4au@grid.Direct.CA> jsollows@direct.ca (Jim Sollows) writes:

>I was hoping that Icom had come up with some "hidden" command to route
>the VHF audio out the SP2 jack but since that dosn't appear to be the
>case I will follow your suggestion. Too bad Icom dosn't think of these
>things when they design the radio's. After all we aren't the only ones
>using HT's as mobile rigs. Thanks for the advice.

The way the W2a works is that there is a separate UHF audio PA,
which is routed through SP2. If there is nothing in SP2, the signal
is attenuated and routed to the VHF PA, on SP1/internal speaker.

This is why their headset has two speakers: one for VHF, one for UHF.
You can't always win.

Geert Jan

3124. Want info: Alinco DX-70T

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4608qt$cmh@cville-srv.wam.umd.edu>
Source record: 211262

Does anyone have one? The mic connector comes from the RADIO
and not the face plate, right? Is this a problem? Is there an
iambic keyer in there? How's the 500Hz CW filter?

How's the receiver? Has anyone seen any reviews?
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...

3125. ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: anonymous-remailer@shell.portal.com
Message-ID: <460g4m$adl@utopia.hacktic.nl>
Source record: 211263

Just a reminder. Please use Rec.Radio.Swap for all sales and purchases
of equipment.

Thanks.

3126. Re: FT-1000MP ??????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: USCG TELECOMMS <gttm@cais.cais.com>
Message-ID: <Pine.BSI.3.91.951017123604.14235A-100000@cais2.cais.com>
Source record: 211264

I talked at length with Yaesu representatives at the recent Virginia Beach Hamfest concerning the 1000MP. This is an upgrade to the FT990, not the 1000D. Although the 1000MP receiver is an excellent one, it is not a 1000D. The second receiver in the MP I'm told is no better than the second receiver in the 1000D. A replacement for the 1000D is in the works and is expected to be available in 12 to 24 months. Based on this information, I have decided to stick with the 1000D until something better is available......Ron, W4VR

3127. Re: WTB: Yaesu FT-727R computer interface.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: Robert Blumenkranz <radiobob@earthlink.net>
Message-ID: <461dhv$mj3@mars.earthlink.net>
Source record: 211265

Alan,
My company (Engineering Consulting) sells the FT-727I for IBM or FT 727C for C64 software & hardware interface package for the FT727R handie if you are interested you can send me a message. The complete interface inc. software sells for $49.95.

73's
Robert Blumenkranz Ni6r Tel: 714-671-2009
EMAIL radiobob@earthlink.net
home page is:
http://www.earthlink.net/~engcon

3128. Re: Alinco DJ-582 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: "Jeff Fischer"@thefishnet.com
Message-ID: <8B332FE.0074000871.uuout@thefishnet.com>
Source record: 211266

-> Over the years I, too, have aquired many easy and hard to find HAM &
-> SCANNER mods. I offer them completely free of charge to ALL my BBS
-> Users (ATTENTION to Details BBS - 909-681-6221). And they are
-> available many other places absolutely free of charge.

DO you have anything on the Alinco DJ-582. I would assume that it might
be the same as the DJ-580 as I think it is about the same radio, without
the 800 capability.

Thanks. Jeff KB4MKL

3129. Re: FT-1000MP ??????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DGLyG3.3HG@iglou.com>
Source record: 211267

The receiver may be ok but most FT1000's I've heard on CW sound like other Yeasu transmitters. Their QSK clips the dits. Check the scope patterns in the QST reviews. I don't know if they have overcome this in the newer version. Probably, SSB ops won't care anyway.
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3130. Re: Power Output Level from SB-200

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <813964278.10071@pinetree.microserve.com>
Source record: 211268

lwwald@lerc.nasa.gov (Lawrence W. Wald) wrote:
>Just wanted to get some idea of what a Heath SB-200 will put out
>with 80-100 watts in and what the expected efficiency is. I was
>going to take mine into a radio shop for them to look at it; onec
>I got it in there the repair feller said that 500 watts out with
>100 in (cw mode) was all I could expect.
>
>So I wanted to get some other opinions...this 'repair feller' may
> not know everything.

The gain of your amplifier should not be less than approximatly 10 dB.
100 watts in = 1,000 watts out, give or take.

73,

Jack WB3U

3131. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: mjjohn5@lookout.mtt.it.uswc.uswest.com
Message-ID: <DGLzo8.Hwo@da_vinci.ecte.uswc.uswest.com>
Source record: 211269

In article <460ktr$bng@vixen.cso.uiuc.edu> ignacy@uiuc.edu (Ignacy Misztal) writes:
>In <460g4m$adl@utopia.hacktic.nl>, anonymous-remailer@shell.portal.com writes:
>>Just a reminder. Please use Rec.Radio.Swap for all sales and purchases
>>of equipment.
>>
>>Thanks.
>
>Who are you? A voice from heaven?
>
This news group may or may not be a proper place to post sales or
purchases of equipment. BUT, anyone who has to HIDE behind an anonymous
server to post such a message, deserves to be ignored and flamed.
Because they are indeed a spineless jerk.

A voice from heaven? No more like a whine from someone hiding under
the bed.

Mark
WA0DCA

3132. Mods required for the FT726R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: 100074.1313@compuserve.com
Message-ID: <4608db$1hp@dub-news-svc-3.compuserve.com>
Source record: 211270

Does anyone out there have any Mods for the FT726?

I've checked most of the server sites and they seem to be awash with
mods for 9600 packet, but what I'd like are mods to pep up the RF
performance.

Does anyone have any "pet" modifications they have, especially to
reduce background noise and increase sensitivity?

Thanks in advance.

Mark Phillips. 100074.1313@Compuserve.com

Part time radio amateur (when the family lets me)

3133. Re: HELP - Icom ICW2A Speaker Connection

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: Hugh Pepper <pepperh@demo.bb.unisys.com>
Message-ID: <1995Oct17.212357.17540@unislc.slc.unisys.com>
Source record: 211271

geertj@ripe.net (Geert Jan de Groot) wrote:
>
>The way the W2a works is that there is a separate UHF audio PA,
>which is routed through SP2. If there is nothing in SP2, the signal
>is attenuated and routed to the VHF PA, on SP1/internal speaker.
>
>This is why their headset has two speakers: one for VHF, one for UHF.
>You can't always win.
>
>Geert Jan

While on the topic of the IC-W2a - My W2a started having weaker and weaker audio out.. so that the volume had to be turned up louder and louder to get the same audio level out...

Seems as though it is fine when first turned on, and then when it warms up (either by transmitting,- warms up quicker, or just listening - warms up slower) the audio goes almost dead.. It comes back on and then goes off again, going from this loud to soft without touching the volumn control!!

I thought it might be a problem with the external mic jack.. nope..
thought it might be dirty volumn control.. Don't think so.
I really think that it might be that the internal audio PA in the HT is going soft..

Has anyone ever replaced this audio PA, or is it a "send it in to ICOM" deal????

PS. I think that it does it on both UHF and VHF.. I mainly listen to VHF though.

Thanks for any ideas about this problem..

Hugh -

pepperh@demo.bb.unisys.com

3134. ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: nowhere@bsu-cs.bsu.edu
Message-ID: <199510180331.WAA05195@bsu-cs.bsu.edu>
Source record: 211272

ignacy@misz.animal.uiuc.edu (Ignacy Misztal) writes:

>My feelings is that discussions are OK but orders from
>(anonymous) heaven are not.

No discussion is necessary. Read the FAQ.

Thanks.

3135. Wanted: tube specs for 6146B/W

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: Trummer Egon <ntrume@hasler.ascom.ch>
Message-ID: <1995Oct17.151014.1722@hasler.ascom.ch>
Source record: 211273
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Hi,
I have a Kenwood TS-830 shortwave TRX. This rig has two 6146B
as final tubes. But from another OM I got two 6146W from
GEC (General Electric Canada) instead.
Nobody of our amateur radio clubs could tell me the difference
between the B and the W suffix and if I could replace them
or not. Could you give me any hints ?

Greetings from Switzerland
email: ntrume@hasler.ascom.ch
call: HB9HVI, Egon

3136. Looking for gateway information????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: cs_ees@hal.lamar.edu
Message-ID: <1995Oct17.222853.205@hal>
Source record: 211274

I am looking for equipment and information
dealing with providing internet through
shortwave...

Eric

3137. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.7672.7583.0NFBB56E@woodybbs.com>
Source record: 211275

MU>Does anyone know if you can still get a clock which automatically
>syncs in to and received the time from the NIST WWV radio signal?

They're still "expensive..."

I registered a Windows utility that sets my system's clock to the
National Bureau of Standards...

AccuSet v3.5 (look for ACUSET35.ZIP) is, I believe, the latest version
of this excellent program. Available on better BBSs everywhere, like
ATTENTION to Details BBS at 909-681-6221.

Clint Bradford

* 1st 2.00 #8286 * ATD BBS - Official ARRL Bulletin Station - 909-681-6221
---

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

3138. Re: ANTENNA - Comet CH-32 Miracle Baby

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: anordin@pop.jaring.my
Message-ID: <461blv$69q@jaring.my>
Source record: 211276

>MICHAEL KILLIAN (killian@aztec.asu.edu) wrote:

>: Does anyone have any experience with this antenna? I am interested
>: in replacing the rubber duck on a Yaesu FT11r with the Comet CH-32.

>: I got one, Good enough for field day, unobstructive and well made.
True, the performance is as good as a wet noodle, but the SWR is
slightly better. and of course if you suddenly become hungry, the wet
noodle wins hands down ..

I

3139. Wanted:HP 8555

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-17 00:00:00 UTC
From: mater@primenet.com
Message-ID: <mater.37.000CF89A@primenet.com>
Source record: 211277

I am interested in purchasing a working HP 8555 RF plug in for the 141T based HP spectrum analyzer. Please e-mail any info.

Thanks

Eric Nelson

3140. Re: eto 91 beta amplifier ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <4630p9$c9b@mgate.arrl.org>
Source record: 211203

w8jitom@aol.com (W8JI Tom) wrote:

>The 91B TUBES are **NOT** made by Eimac. They are a single source tube
>from Russia, there is **NO** other direct replacement made by anyone else!
>The closest Eimac equiv is a 4CX1500B, but the socket, voltages, and grid
>components would all need to be replaced at a cost of over $2000 US if the
>sole Russian tube source ever goes away.
>
>Personally, I have a difficult time understanding why anyone would want to
>save a few hundred dollars just to use a tetrode only available from one
>source in the entire world. It seems penny wise and future foolish!
>Especially with the political problems in Russia today.

What do you think about the 3CX800A7 in terms of future
availability? Is there another reliable source besides
Eimac? It seems to be an good choice for a portable
432 EME station that fits in carry-on luggage.

Zack KH6CP/1 zlau@arrl.org

3141. WANTED: two 2 metre hand-helds or two 1 channel

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: CSC4BG@leeds.ac.uk
Message-ID: <4630t3$beo_001@leeds.ac.uk>
Source record: 211204

Wanted: two 2 metre hand-helds or two 1 channel handhelds.
Must be quite cheap.
I'll pay up to £150 for the 2 metre (multi-frequency ones)
or upto £50 for the 1 channel (commercial) ones.
Must come with batteries.

email: csxbg@scs.leeds.ac.uk

3142. Standard C108 Xmit Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: glenk@DSG.Tandem.COM
Message-ID: <463al9$pr1@newshost.loc3.tandem.com>
Source record: 211205

Hi all,
I haven't found it in my usual sources so am taking a stab
that someone might know about it(if it exists at all).

Tnx, Glen KM6WR

3143. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: mjjohn5@lookout.mtt.it.uswc.uswest.com
Message-ID: <DGnG89.EDp@da_vinci.ecte.uswc.uswest.com>
Source record: 211206

In article <461gk5$kvf@utopia.hacktic.nl> Anonymous <nowhere@bsu-cs.bsu.edu> writes:
>
>
>The purpose of the article was to place a header in the newsgroup
>that would be self-explanatory.
>
>Thanks for your contribution.

But you still don't have the balls to post with out hiding under the bed.
I would be willing to bet you are also one of the jerks that gets on the
air and makes cutting comments to others without ever identifying. Sorry
bub, your not a net god.... your more like a net mouse.

My apologies to others for wasting bandwidth.....

Mark
WA0DCA

3144. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: mjjohn5@lookout.mtt.it.uswc.uswest.com
Message-ID: <DGnHE7.K8M@da_vinci.ecte.uswc.uswest.com>
Source record: 211207

In article <DGnGIt.FHI@da_vinci.ecte.uswc.uswest.com>
mjjohn5@lookout.mtt.it.uswc.uswest.com (Mark Johnson) writes:
>In article <461uo6$lo6@nntp.crl.com> danb@a.crl.com writes:
>>
>> There is no rec.radio.amateur.swap; the FS/Wanted group is
>>rec.radio.swap. Even though this guy's a coward, he's right.
>>
>Hi Dan,
>There is a rec.radio.amateur.swap on my server but I have a feeling it
>does not exist on very many servers because I very seldom see any
>traffic on it. It may need to be re-created. If you don't get it on
>your system just e-mail the postmaster or system admin and ask about it.
>
>Mark
>WA0DCA
>
Sorry for the above post but I checked and the newsgroup is
rec.ham-radio.swap. There are very few messages in it and most of them
are spams.

Mark
WA0DCA

3145. Re: Kenwood TS-870 first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <4638du$hr2@tivoli.tivoli.com>
Source record: 211208

In article <461qb1$24j@maureen.teleport.com>, zamo@teleport.com writes:
|> Hi all,
|>
|> I'll try to clarify a few issues about ultrasonic digital IFs as applied
|> to the TS-870.
|>
|> Jeff wrote:
|> >I'm highly suspicious of the so-called IF DSP on the 870. Interesting
|> >that the "IF" DSP processing is done at 11.3 kHz; it sounds like
|> >perhaps they did it this way so that they could advertise "IF" DSP.
|>
|> The IF frequency is limited by the Motorola 56000 DSP chips operating at
|> 20 MIPS and the 16 bit A/Ds sampling around 44 KHz. This is near the
|> state of the art for commercially available parts. Low frequency IFs
|> have been used successfully in other products. The Watkins-Johnson
|> HF-1000 general coverage receiver uses a 25 KHz IF. The Drake R8 uses a
|> 50 KHz IF. A direct conversion SSB transceiver published in QST
|> recently had a zero frequency IF!
|>
|> >Since the 870 has no provisions for optional crystal filters at the
|> >higher IFs, it seems that you essentially end up with no benefits a
|> >good audio DSP can't provide, and you don't get the benefits of proper
|> >IF filtering either.
|>
|> In addition to the DSP IF filtering, the TS-870 has a 4 pole filter in
|> the 73 MHz IF, 6 KHz and 3 KHz bandwidth filters in the 8.83 MHz IF, and
|> 15 KHz, 6 KHz, and 3 KHz bandwidth filters in the 455 KHz IF. It
|> doesn't need any more selectivity in the front end.
|>
|> DSP filters at the 11.3 KHz IF reject signals outside the passband
|> before detection and AGC desensitization. The automatic notch filter
|> also operates in the DSP IF. The noise reduction modes operate after
|> detection, so it may be no better than a good outboard audio DSP unit. I
|> like the convenience of the having the DSP integrated inside the
|> transceiver.
|>
|> Best wishes,
|>
|> Jim
|> N7IHQ

Jim,

Thanks for the information about the 870. It appears that the 870 does
indeed offer decent filtering at the higher IFs, which answers one of my

serious concerns.

I realize the limits of current DSP chips, and did not mean to imply that it is currently feasible to offer DSP at typical IFs such as 455 kHz or higher. I was questioning the true benefits of IF DSP in the 870. If the DSP at the 11.3-kHz IF prevents signals outside the DSP-determined passband from affecting the AGC action, then this is a true benefit of the 870's IF DSP, as compared to an outboard audio DSP.

I look forward to seeing some published reviews of the 870, as well as more firsthand accounts from users. My 850/DSP-59+ may well lose its spot to an 870, but I will have to think long and hard about this first.

73,
Jeff, KC1MK

3146. Address for Bird

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: rlauer@magnus.acs.ohio-state.edu
Message-ID: <rlauer.141.30853B65@magnus.acs.ohio-state.edu>
Source record: 211209

Does anyone know the address for Bird? lso their phone number would be nice.

Thanks,
Bob Lauer
KB8RLM

3147. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <463g5j$1cf@newsbf02.news.aol.com>
Source record: 211210

In article <462oie$i18@ixnews7.ix.netcom.com>, gamma7@ix.netcom.com (J. Duffy Beischel) writes:

>
>If people cannot post their feelings and opinions with their name
>attached, then such dribble should be ignored. The newsgroup is
>equipment and equipment covers a broad range including the sales there
>of. So, post all the "FS" messages that you want. Maybe when this
>coward decides to uncover himself, we might listen to his suggestion.
>
>Duffy - WB8NUT

Hi Duffy,

Not according to the Guide to Personal Newsgroups. The information in the guidelines has been updated on an ungoing basis as the Newsgroups expanded. It very specifically states this is *NOT* the place for equipment sales, swap or wants. It is specifically intended for discussions about equipment. The guide further states that rec.radio.amateur.swap is the only place to post sales and purchases.

73 Tom

3148. Re: Dead Tubes? ? ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: Floyd Sense <sentek@nando.net>
Message-ID: <463g3v$qhc@castle.nando.net>
Source record: 211211

Check the output power on 10 meters. If it's not up to spec there but is on the lower bands, you may need new finals. If you don't have a reliable watt meter, use a 100 watt light bulb as a dummy load and fire it up on 10 meters. If it appears to be fully bright, you're probably OK. 6146Bs tend to last a long, long time if not abused.

3149. Re: Dead Tubes? ? ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: Floyd Sense <sentek@nando.net>
Message-ID: <463g4n$qhc@castle.nando.net>
Source record: 211212

Check the output power on 10 meters. If it's not up to spec there but is on the lower bands, you may need new finals. If you don't have a reliable watt meter, use a 100 watt light bulb as a dummy load and fire it up on 10 meters. If it appears to be fully bright, you're probably OK. 6146Bs tend to last a long, long time if not abused. K8AC

3150. Re: MFJ 6 Meter SSB/CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: slay@netcom.com
Message-ID: <slayDGnqBF.GFy@netcom.com>
Source record: 211213

Curt Sanders (csanders@redrose.net) wrote:
: Any comments on the new MFJ-9406? I'm thinking about getting one, but
: want to know if 50.000-50.300 MHz range is worth the buy (seems awful
: skimpy to me); any SSC/CW activity in that range (I don't hear any here
: in central PA)? Any problems?

Anyone willing to bet that the new MFJ-9406 rig will not see the light
of day for at least six to nine months? From my humble experience,
I find that MFJ has a tendency to heavily advertise new products for
many months prior to its actually release to production. I own over
ten various MFJ products, and am mostly satisfied ... so, I'm not
a disgruntled type. But, I have had to wait many months for some
products that were not available even though advertised. Those
1/2 wave multi-band verticals are a case in point.

Cheers
Sandy
WA6BXH
slay@netcom.com

3151. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: k2ph@dxis.monroe.pa.us
Message-ID: <DGnnop.Krw@dxis.monroe.pa.us>
Source record: 211214

From article <460ktr$bng@vixen.cso.uiuc.edu>, by ignacy@misz.animal.uiuc.edu (Ignacy Misztal):
> In <460g4m$adl@utopia.hacktic.nl>, anonymous-remailer@shell.portal.com writes:
>>Just a reminder. Please use Rec.Radio.Swap for all sales and purchases
>>of equipment.
>
> Who are you? A voice from heaven?
>
> There was an officially-looking message in this group months ago
> urging hams to post "for sale" messages here. This sounded reasonable
> because at that time the Rec.Radio.Swap group seemed to be cluttered
> by non-ham equipment. Things are back to normal there so it makes
> sense not to post "for-sale" messages here any longer.
>
> My feelings is that discussions are OK but orders from
> (anonymous) heaven are not.

I agree with you that anonymous "orders" are not appropriate. The poster should at least sign his/her/its name. However, what he/she/it says IS CORRECT. The charter of this newsgroup is the discussion of production amateur radio hardware. The charter of the rec.radio.swap group is for sale, want to buy, want to trade messages. This is all spelled out very nicely in the Guide to the Personal Radio Newsgroups that Jay Maynard posts on the 15th of every month.

73,
Bob K2PH

--
+------------------ \-\-\-\ ----------------------------+
Bob Schreibmaier K2PH	E-MAIL: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

3152. Search and Rescue

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: las5s@kelvin.seas.Virginia.EDU
Message-ID: <DGMAwn.JyL@murdoch.acc.Virginia.EDU>
Source record: 211215

The Blue Ridge Mountain Rescue Group, located in
Charlottesville, VA, is a volunteer rescue organization that
responds to search and rescue emergencies throughout Virginia,
Maryland, WestVirginia, Pennsylvania, and North Carolina. We
currenlty use HH ICOM H-16 VHF radios that use NiCad batteries
(CM7s and CM8s). Because these batteries undergo heavy use,
after a few years many register no voltage and cannot be
recharged. I imagine in many cases this may just be the result
of a blown fuse or two and not simply the result of memory.

Because the batteries are expensive, we would like to
repair any that we can. The only problem... I don't know how
to do it! Is there anyone out there that could either direct
me to someone who can help us in fixing these batteries or
donate their own time and expertise?

Thanks,

Lauren Schiff
KB8WLD
Communications Officer, Blue Ridge Mtn. Rescue Group

P.S. Due to the size of this newsgroup, it would be great if
responses are directed to my e-mail address:
lauren@virginia.edu
--

3153. Re: ICOM IC-2340H - 900MHZ front end.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: Hugh Pepper <pepperh@demo.bb.unisys.com>
Message-ID: <1995Oct18.164812.13054@unislc.slc.unisys.com>
Source record: 211216

"Finskas Erik Matti Wilhelm (csb1_95)" <finskase@ee.port.ac.uk> wrote:
>This is not accurate information, correct if I'm wrong.
>
>The 900MHZ front end unit is not supplied with the American model because it
>is(?) illegal to monitor the cellular band in the States. The front end card
>could be ordered from Icom USA or Icom Japan, but you have to first find the
>part code for it.
>
The IC-2340H that I have is an American model (I think..??)

I opened the radio and see a board 1/2 inch tall by 1 1/2 inches long..
it has the number B4254 silk screened on the back, and a bunch of SMD
components on the other side. (I think this is the 900 Mhz front-end
board that you were speaking of??, and it was installed - solderd in with the
radio as purchase new in the box)

It has 16 pins along the bottom side which are soldered into the main board,
and there is a jack J1 which is for a very small coax connector which is now
used and empty. This is on the bottom of the radio, not the speaker side (The
speaker is on the top of the radio)

Hope that I won't have to order other pieces from ICOM and that this is indeed the
900 Mhz front end board that I need!!! (part number B4254)

Hugh -

pepperh@demo.bb.unisys.com

3154. Re: ICOM IC-2340H - 900 Mhz front-end

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: Hugh Pepper <pepperh@demo.bb.unisys.com>
Message-ID: <1995Oct18.164028.12256@unislc.slc.unisys.com>
Source record: 211217

"Finskas Erik Matti Wilhelm (csb1_95)" <finskase@ee.port.ac.uk> wrote:
>
>If you have the 900MHZ front end installed in your radio, there is a plug-in
>connector beside it on the main board. THAT is the 900MHz antenna connector.
>Use small coaxial cable, e.g. RG174 to wire a antenna connector to the end of

Erik,

I opened the radio and see a board 1/2 inch tall by 1 1/2 inches long..it has the number B4254 silk screened on the back, and a bunch of SMD components on the other side. It has 16 pins along the bottom side which are soldered into the main board, and there is a jack J1 which is for a very small coax connector which is now empty and not being used yet. This is on the bottom of the radio, not the speaker side (The speaker is on the top of the radio)

This is an American spec IC-2340H radio ..I think.!!?? And it did come with this little board already installed (soldered in). I just hope that this little board is the 900 Mhz front end board that Erik is speaking of. Can anybody else out there confirm that this is the case?? (part number B4254)

There is also a 2 pin jack labled J3 next to this long board. How is this jack used, if at all??

>
>To activate the receiver extension, you have to first cut the diode(s) and then
>with power-on, press three or four buttons together. After that the RX is wide.

Sure hope that you can tell us which 3 or 4 buttons are to be pressed at the same time as the power is applied to activate the 900 MHz receive

>
>To activate cross band repeating, both VHF and UHF frequencies must be in
>transmit range, then press both monitor buttons (means press both VHF and UHF
>volume knobs and press LOCK button. Both VHF and UHF sides there should be a L
>blinking. Now the cross band repeater is active. It is the best I've seen, it
>has even a little tail after each transmission so it is very smooth. The tail
>is about a second long.
>
>I have all the modification documented but documations are at home. So stand by
>for very accurate modification information.
>
>Erik
>--
>Erik Finskas G/OH2LAK
>Email Finskase@ee.port.ac.uk
>University of Portsmouth, UK

>Department of Electronic and Electric Engineering
>

WE are all standing by - waiting for your response Erik... Thanks again.

Hugh -

pepperh@demo.bb.unisys.com

3155. Re: Wanted: tube specs for 6146B/W

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <463sck$kf2@pacific.mps.ohio-state.edu>
Source record: 211218
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

As I recall, the 6146B should not be used in circuits intended for the 6146 or 6146A. In addition to having higher plate dissipation, the 6146B requires a higher screen voltage to obtain the same operating point. Therefore, if a 6146B is plugged into, e.g., a Viking Ranger, it won't have enough screen voltage to maintain the same power output as a 6146/A. At least that's what I recall from years ago when the 6146B was first released. Someone pse tell me if I"m wrong!

Jim W8ZR

3156. Re: eto 91 beta amplifier ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <463sa6$6q1@newsbf02.news.aol.com>
Source record: 211219

Hi Zak,
In article <4630p9$c9b@mgate.arrl.org>, Zack Lau <zlau@arrl.org> writes:
>
>What do you think about the 3CX800A7 in terms of future
>availability?

Who knows, but at least the present source is in a more stable area of the world!

>Is there another reliable source besides Eimac?

Not that I am aware of, but it is much easier (in an HF amplifier) to replace a triode with another type triode, than replacing a tetrode with a different type tetrode or triode!
The screen voltage (and current limiting circuitry), control grid supplies, and input circuitry are generally what complicates the tetrode swap!

73 Tom

3157. Re: Yaesu FT-51R -- Like it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: mcinnis@austin.ibm.com
Message-ID: <DGnzJp.1FGL@austin.ibm.com>
Source record: 211220

In article <463efg$qu6@tadpole.fc.hp.com>, paulc@fc.hp.com (Paul Christofanelli) writes:
>...
>
> Pardon my disagreement, but I'd bet you'd be happier taking that battery
> space and instead using it for a higher amp-hour, lower voltage battery.
> There's usually no need for 5 watts vs 2; it's only going to help in a
> real fringe situation....

Well, you might tend to think that, but real world experience with an
FT-11r and 5 watt and 2 watt batteries shows me that 5 vs. 2 often makes the
difference between being heard and not being heard, in buildings, behind
buildings, etc. YMMV

--
Mickey McInnis - mcinnis@austin.ibm.com
--

3158. Re: Yaesu FT-51R -- Like it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: mcinnis@austin.ibm.com
Message-ID: <DGnznp.3IBu@austin.ibm.com>
Source record: 211221

I should add that the 2 watt battery seems to outlast the 5 watt battery
even when using the HT at the same power level. I guess the amp-hours
are what counts with the power circuitry in the FT-11.
--
Mickey McInnis - mcinnis@austin.ibm.com
--

3159. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: mjjohn5@lookout.mtt.it.uswc.uswest.com
Message-ID: <DGnwAJ.CnJ@da_vinci.ecte.uswc.uswest.com>
Source record: 211222

In article <jlowmanDGnKxw.C1u@netcom.com> jlowman@netcom.com (Jim Lowman) writes:
>>Anonymous (nowhere@bsu-cs.bsu.edu) wrote:
>
>>: No discussion is necessary. Read the FAQ.
>
>Funny how some folks here think the FAQ is some sort of divine word.
>
>Jim
>
Actually in a formal newsgroup (any newsgroup outside of the .alt groups)
the FAQ normally serves to set up the guidelines of the group. These
are the guide lines that got the group started on a formal basis in the
the first place. Now if the FAQ says we should not post FS type
messages then most people will try to respect that. But, IMHO, we
should not get overly up-tight when new user posts a FS before they have
seen the FAQ or every time someone sends an accasional ad.
In fact the respectful thing to do would be to send the poster a polite
e-mail message saying that this is not the proper group to post FS on.
Flaming the poster on the news group is just a waste of bandwidth.

If rec.radio.swap has become to full of non ham equipment, and most
people can't get rec.ham-radio.swap then maybe a new group should be
started. And maybe until it can be started we could relax a bit and let
the ham FS posts be put here. They are far less annoying than
anonymous
posts from gut-less wonder wanna-be net gods. But hey, this is no
different than being on the air. We can find lids anywhere.

Mark
WA0DCA

3160. NEED INFO

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: ve3roh@bbs.ve3rpi.ampr.ORG
Message-ID: <788@bbs.ve3rpi.ampr.org>
Source record: 211223

DATE: Wed Oct 18 1995 13:47 Z

FROM: ve3roh@bbs.ve3rpi.ampr.org

SUBJECT: NEED PACKET CONNS FOR TM-251A & PK-888 TNC

Thanks for taking the time to read this. I am looking for the

Packet connections between the Kenwood TM-251A and the AEA PK-88

TNC. If anyone has had experience with this combination, I would

sure like to hear from you.

de Ron in Haliburton Ont. ve3roh@bbs.ve3rpi.ampr.org

3161. Re: Power Output Level from SB-200

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: jeff.sumberg@sailboard.com
Message-ID: <8B34258.012D00237D.uuout@sailboard.com>
Source record: 211224

LW>From: lwwald@lerc.nasa.gov (Lawrence W. Wald)
>Subject: Power Output Level from SB-200

LW>Just wanted to get some idea of what a Heath SB-200 will put out
>with 80-100 watts in and what the expected efficiency is.

Mine seems to be putting out somewhere around 400 to 600 watts based on my meter(s). I know someone who has a bird meter, but I never actually got to borrow it for an more accurate reading. I have a friend who also has an SB-200, and his also seems to be putting out around the same power level (using his meter). Both have the original tubes that came with the units. Neither of us know what the history of usage on those tubes is prior to our ownership of our respective units.

The input power level, based on Plate Ma * 2400v (about 400-500Ma) is about a kilowatt, so perhaps the tubes are just weak. Amplifier design is not my area of expertise, so I don't know what the efficiency normally is for that class of amp.

--
-===-
| 73 de N2VYU, Jeff, in Ringwood New Jersey (Fn21) |
| Email: jeff.sumberg@sailboard.com ** Packet: N2VYU @ WA2SNA.NJ.USA.NA |
| Advanced class - WAC on RTTY - Ramapo Mountain Amateur Radio Club |
-===-

* 1st 2.00 #32s * .

3162. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <463smo$mt@ixnews7.ix.netcom.com>
Source record: 211225

In <463g5j$1cf@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom)
writes:

>Hi Duffy,
>
>Not according to the Guide to Personal Newsgroups. The information in
the
>guidelines has been updated on an ungoing basis as the Newsgroups
>expanded. It very specifically states this is *NOT* the place for
>equipment sales, swap or wants. It is specifically intended for
>discussions about equipment. The guide further states that
>rec.radio.amateur.swap is the only place to post sales and purchases.
>
>
>73 Tom

Tom,

Seems like the government SHOULD be running the Internet since there
are a lot of similarities. Lots of rules and lots of people telling
you what to do and not to do; just like the government.

Like most things throughout time they evolve. Maybe it is time that
this newsgroup evolve into what the users want. If that includes and
occasional FS post, then so be it.

Regards,

Duffy - WB8NUT

3163. TS-50 MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: NAME: 100623.303@CompuServe.COM;
Message-ID: <4643m2fhg1@mhafn.production.compuserve.com>
Source record: 211226

Can anyone help me by posting details on modifications that can
be made to the kenwood TS-50/AT-50 .
I am thinking of buying one , i ve read the brochure , and would
like to know what its capable of......

thanx!

ROB!!!

3164. Amateur Radio Mod-File BBS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: userid@mail.midtenn.net
Message-ID: <463q27$81k@grumpy.midtenn.net>
Source record: 211227

The AD4HL Amateur Radio BBS is on line with over 1,500 mods for Ham Radios and scanners.I have all up too date mods that out.there also a Ham Radio Trader Net conference for user too list gear for sale,trade,swap etc.The bbs is Free too all callers,There no upload or download ratios. the bbs number is 1-615-537-6051

--

3165. Manual for Hickok 292X Signal Gen Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: jrovero@q.continuum.net
Message-ID: <461mob$5kn@news.continuum.net>
Source record: 211278

Subject says it all. Please respond by e-mail or call me at (203)388-4631
during the day.

Thanks,

P.J. "Josh" Rovero work: provero@connix.com
Ocean Surveys, Inc. play: jrovero@q.continuum.com
Old Saybrook, CT 06475 USA Amateur Radio: KK1D

3166. Need Code-A-Phone Remote Access Codes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: jphipps@aztec.asu.edu
Message-ID: <461jma$eu6@news.asu.edu>
Source record: 211279

I recently got a used Code-A-Phone Answering Machine which, after the addition of an AC adapter, seems to work fine. The remote security code was stamped on the back so I can access it for messages.

However, there are other remote codes to save messages, re-set the incoming message flags, etc. Those codes normally come with the instruction book which is missing.

I would be most appreciative if anyone could enlighten me on what remote codes Code-A-Phone uses. My particular model is #2600, but the remote codes are probably similar for all Code-A-Phone machines.

Any thoughts or advice will be appreciated. Thanks in advance!

John Phipps
jphipps@aztec.asu.edu

3167. Re: Advise Please - Hand Helds

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDGMDLn.82x@netcom.com>
Source record: 211280

Hank Williams (GCKH81A@prodigy.com) wrote:

: price. I don't need the marine channels, but I figure they are as good
: as others for my wife and I to communicate with each other. Maybe
: clearer than business channels in inland locations.

: Any advise?? Any flaws in my reasoning?? It seems like every sales
: person has a different, and contradictory, opinion.

I assume you have a license to use business band frequencies?

You can't use marine frequencies for what you propose even if you have
the appropriate license.

I suspect that you have no license of any kind. In that case, do the
legal, honorable thing and use CB or cellular phones.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

3168. Alinco 110 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: dicken@bgnet.bgsu.edu
Message-ID: <461q5b$boe@infoserver.bgsu.edu>
Source record: 211281

I have an Alinco 110 2 meter radio with a problem. The rig will not power-up. Have checked the obvious, p/s is working, no broken wires and the (visible fuses) to the radio are intact. However, nothing seems to happen when the power switch is pushed. Anyone have any ideas other than throwing the d___ thing away. Seems to be more of a pain than anything.

--
Ham Call WD8ICP / / /
Internet dicken@bgsuvax.bgsu.edu / / /
Telephone (419) 372 7757 /_____/_____/
/ / | /

3169. Re: Search and Rescue

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: jsollows@direct.ca
Message-ID: <461qip$lvg@grid.Direct.CA>
Source record: 211282

las5s@kelvin.seas.Virginia.EDU (Lauren Schiff) wrote:

>(CM7s and CM8s). Because these batteries undergo heavy use,
>after a few years many register no voltage and cannot be
>recharged. I imagine in many cases this may just be the result
>of a blown fuse or two and not simply the result of memory.

> Because the batteries are expensive, we would like to
>repair any that we can. The only problem... I don't know how
>to do it! Is there anyone out there that could either direct
>me to someone who can help us in fixing these batteries or
>donate their own time and expertise?

Lauren
Our SAR team uses the same radios and we had the same problems. It was caused by the fact that after every training practice (once a week) the radios were used for a short period of time and placed back in the chargers for another week. After replacing 24 battery packs in about a 6 month period we decided to try something to correct the problem. The solution was to have a second battery pack for every radio. When we come back from practice the partially used packs go into a discharge / recharge unit rather than the standard Icom charger. The discharge / recharge unit was fairly expensive ($1600.00 and charges 24 radios at once) but has probably saved us several times it's value in battery packs. We didn't want to go with a single pack for every radio because you can be guaranteed that a call out will come in when every pack is just finishing the discharge cycle so we always have a fully charged set of batteries on hand. I don't recommend trying to repair the packs yourself. This may be ok for the average ham but in SAR work the radios are being subjected to heavy use, physical abuse and moisture and with lives depending on them you just can't take a chance on a soldered battery pack connection failing. Drop me a note if you need any further info.

Jim VE7JLS

3170. Re: Kenwood TS-870 first impressions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: zamo@teleport.com
Message-ID: <461qb1$24j@maureen.teleport.com>
Source record: 211283

Hi all,

I'll try to clarify a few issues about ultrasonic digital IFs as applied to the TS-870.

Jeff wrote:
>I'm highly suspicious of the so-called IF DSP on the 870. Interesting
>that the "IF" DSP processing is done at 11.3 kHz; it sounds like
>perhaps they did it this way so that they could advertise "IF" DSP.

The IF frequency is limited by the Motorola 56000 DSP chips operating at 20 MIPS and the 16 bit A/Ds sampling around 44 KHz. This is near the state of the art for commercially available parts. Low frequency IFs have been used successfully in other products. The Watkins-Johnson HF-1000 general coverage receiver uses a 25 KHz IF. The Drake R8 uses a 50 KHz IF. A direct conversion SSB transceiver published in QST recently had a zero frequency IF!

>Since the 870 has no provisions for optional crystal filters at the
>higher IFs, it seems that you essentially end up with no benefits a
>good audio DSP can't provide, and you don't get the benefits of proper
>IF filtering either.

In addition to the DSP IF filtering, the TS-870 has a 4 pole filter in the 73 MHz IF, 6 KHz and 3 KHz bandwidth filters in the 8.83 MHz IF, and 15 KHz, 6 KHz, and 3 KHz bandwidth filters in the 455 KHz IF. It doesn't need any more selectivity in the front end.

DSP filters at the 11.3 KHz IF reject signals outside the passband before detection and AGC desensitization. The automatic notch filter also operates in the DSP IF. The noise reduction modes operate after detection, so it may be no better than a good outboard audio DSP unit. I like the convenience of the having the DSP integrated inside the transceiver.

Best wishes,

Jim
N7IHQ

3171. Wanted: National NC-60 manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: iffo447@ccwf.cc.utexas.edu
Message-ID: <461qfl$4qs@geraldo.cc.utexas.edu>
Source record: 211284

I just acquired a National NC-60 receiver and now need a manual
for it for alignment and messing around. I will be glad to pay for
photocopy and postage costs if you have one. I would appreciate
it very much.

Thanks.

Bob Logan, NZ5A

3172. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: danb@a.crl.com
Message-ID: <461uo6$lo6@nntp.crl.com>
Source record: 211285

jsollows@direct.ca (Jim Sollows) wrote:

>Just a reminder. Not everyone can get rec.radio.amateur.swap so this
>may the the only alternative. And on that note...I am looking for a 2
>meter mobile if you have one for sale :)

There is no rec.radio.amateur.swap; the FS/Wanted group is
rec.radio.swap. Even though this guy's a coward, he's right.

Yes, that's right, a coward. Anyone who posts such things, and is too
(insert adjective here) to show their true identity, needs either a
clue or a life (or, maybe, both).

--
Dan Brown, KE6MKS
danb@a.crl.com, NOT danb@crl.com
Don't tread on me.

3173. How about IC706,TS50,ALINCO DX70

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: nob@denpa.el.gunma-u.ac.jp
Message-ID: <NOB.95Oct18125820@denpa.denpa.el.gunma-u.ac.jp>
Source record: 211286

Hi everyone!.

IC706,ALINCO DX70(name in Japan) and TS 50.
Those small HF radios are good or bad?.
Please tell me your impression.

DE JH1WCD
--

$@!!(J^--^
$@!y!y!y!y!y!y!y(J$@!y!y!y!y!y!y(J | .. | $@!y!y!y!y!y!y!y!y!y!y(J
JH1WCD :Nobuyoshi Ishikawa (__^^__)
E-Mail : nob@denpa.el.gunma-u.ac.jp
Department of Electronic Engineering,Gunma University.
TEL : 0277-30-1775 FAX:0277-30-1707(+81-277-30-1707)
$@"v"v"v"v"v"v"v"v"v"v"v"v"v"v"v(J$@"v"v"v"v"v"v"v"v"v"v"v"v"v"v"v"v"v"v"v"v(J

3174. AEA Morse Machine for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: donk@aloha.net
Message-ID: <461so5$f1o@nuhou.aloha.net>
Source record: 211287

For sale: AEA Morse Machine Great condition. $100 or best offer. Must sell, broken car.

Don Kyle
donk@aloha.net
808-247-2879

3175. Yaesu FT 890 for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: donk@aloha.net
Message-ID: <461t0d$f1o@nuhou.aloha.net>
Source record: 211288

For Sale Yaesu Ft 890 Great condition. $700 or best offer, must sell.

Don Kyle
KJ7EH
donk@aloha.net
808-247-2879

3176. Any mods for IC-W21E or IC-W21A HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: capuano@deakin.edu.au
Message-ID: <462503$hgf@sol.ccs.deakin.edu.au>
Source record: 211289
Cross-posted to: aus.radio,rec.radio.amateur.equipment

Howdy,
Please email to capuano@deakin.edu.au

Regards.

3177. New W9GR (DSP3) ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: dheltzer@sparc.isl.net
Message-ID: <MBVhwEl6cb9l083yn@sparc.isl.net>
Source record: 211290
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi,

I have the original W9GR DSP unit as described in the Sept.(?) '92 QST
issue.
Now I understand there's a newer version (DSP3?).

Does anyone have comments on the new unit's performance, especially as
compared to the original model?

Thanks.

Dale E. Heltzer, KD0KV

People say I'm indecisive.
Am I?
I don't know.

3178. Re: How about IC706,TS50,ALINCO DX70

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <462cpu$ff8@tilde.csc.ti.com>
Source record: 211291

Konichi wa, Ishikawa-san

Watakushi wa atarashi Alinco DX 70 transceiver ga
arimasu. Singapore ni, radio o kaimashita. 5 ka
getsu gurai, radio arimashita. Junto ni, ski desu.

Kono mono ga skijanai yo!

-2m ga arimasen to 6 m wa ju watto dake desu.
-Transmit no ato de, boku no rig case wa junto ni
atsukata desu. Kono cooling fan wa moto chisai desu
-Tadaima, US de, kono radio wa sen doru, demo
watakushi wa Singapore ni kaimashita to sen ni hyaku
doru o haraimashita.

- SWR meter ga arimasen. Are wa totemo benri desu
(ta to e ba, mobile toka QRP to portable operation
de itsumo skaimasu)

- CW no iambic keyer ga arimasen. Doshte? Cw filter
arimasu, demo keyer ga naindesu.

kono mono ga ski desu:

1. Chi-sai desu, junto ni...chi-sai
2. hyaku watt to QRP mo dekimasu
3. FM arimasu
4. CW wide to narrow filter o "include" shimasu
5. Front panel motekimasu
6. Itsumo, audio reporto wa goju kyu....rf speech
processor wa totemo ii desu.
7. AF no output wa stuyoi desu

O genki de, yoroshku dozo

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

3179. Re: Power Output Level from SB-200

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <813982015.15103@tweeker.microserve.com>
Source record: 211292

jackl@pinetree.microserve.com (WB3U) wrote:
> lwwald@lerc.nasa.gov (Lawrence W. Wald) wrote:

>>Just wanted to get some idea of what a Heath SB-200 will put out
>>with 80-100 watts in and what the expected efficiency is.

>The gain of your amplifier should not be less than approximatly 10 dB.
>100 watts in = 1,000 watts out, give or take.

This is NOT correct for the SB-200. I was thinking about the SB-220.
Sorry for the error.

73,

Jack WB3U

3180. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <462oie$i18@ixnews7.ix.netcom.com>
Source record: 211293

In <460g4m$adl@utopia.hacktic.nl> anonymous-remailer@shell.portal.com writes:
>
>Just a reminder. Please use Rec.Radio.Swap for all sales and purchases
>of equipment.
>
>Thanks.

If people cannot post their feelings and opinions with their name attached, then such dribble should be ignored. The newsgroup is equipment and equipment covers a broad range including the sales there of. So, post all the "FS" messages that you want. Maybe when this coward decides to uncover himself, we might listen to his suggestion.

Duffy - WB8NUT

3181. Re: Power Output Level from SB-200

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <462oc8$iqv@newsbf02.news.aol.com>
Source record: 211294

Hi Larry,

In article <460mgu$fm7@sulawesi.lerc.nasa.gov>, lwwald@lerc.nasa.gov
(Lawrence W. Wald) writes:

>
>Just wanted to get some idea of what a Heath SB-200 will put out
>with 80-100 watts in and what the expected efficiency is. I was
>going to take mine into a radio shop for them to look at it; onec
>I got it in there the repair feller said that 500 watts out with
>100 in (cw mode) was all I could expect.

He is correct. The tubes are rated at 165 watts dissipation each, the
output should be between 400 and 500 w if the tubes are not being pushed
excessively. Remember Heathkit's ratings are the POWER INPUT, not output!
And the plate efficiency is around 45-55% in that amp.

>So I wanted to get some other opinions...this 'repair feller' may
> not know everything.
>
>Thanks.
>
>Larry, KE8GW
73 Tom

3182. Looking for Information about F850 !

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: bernd.cebulski@e-technik.tu-chemnitz.de
Message-ID: <bernd.cebulski.136.0032E04E@e-technik.tu-chemnitz.de>
Source record: 211295

Hi om's,

Does anyone use the transceiver F 850 from Sugiyama? I'm looking for technical informations about:

- hf receiver capabilities
- possible accessories
- own experiences?

Perhaps I'd like to purchase one if possible!

Thanks in advance,
73, Bernd.

.--.
| Chemnitz, University of Technology |
|--- bernd.cebulski@e-technik.tu-chemnitz.de ---|
| Phone: +49 (371) 5313318 |
| Fax: +49 (371) 5313361 |
| DL 1 DTP |
`--

3183. Re: MFJ 6 Meter SSB/CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <462p3c$lqt@ixnews6.ix.netcom.com>
Source record: 211296

In <45keqs$nml@lily.redrose.net> Curt Sanders <csanders@redrose.net>
writes:
>
>Any comments on the new MFJ-9406? I'm thinking about getting one, but
>want to know if 50.000-50.300 MHz range is worth the buy (seems awful
>skimpy to me); any SSC/CW activity in that range (I don't hear any
here
>in central PA)? Any problems?
>
>73's in advance, Curt, N3TLJ@WA3KXG.FN10RE.PA.USA.NA

The 50 to 50.3 coverage is very adequate. You hear most people on six
when the band opens up. However, since someone has finally come out
with a reasonably priced six meter radio, I am confident that we may
see local rag chews becoming more frequent.

I believe this radio is very similar to the MFJ 20 meter travelradio.
I have one of those and think it is fantastic. The receiver is very
quiet and sensitive, although I wish it were more selective. That MFJ
jobbie looks like a real winner.

Regards,

Duffy - WB8NUT

3184. Re: RC-85 Repeater Controller from ACC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: p001309b@pbfreenet.seflin.lib.fl.us
Message-ID: <462o4v$dgv@bcfreenet.seflin.lib.fl.us>
Source record: 211297

Correction: The internet address for link comm is:

linkcomm@worf.netins.net

Sorry for any inconvenience.

--

Dennis Hawkins
n4mwd@amsat.org

3185. Re: SOFTWAVE --Where did they go??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: rburgan@detroit.freenet.org
Message-ID: <4632tq$i0i@detroit.freenet.org>
Source record: 211298

I saw that ad also in a monthy magazine, immediately called the number, only to find that no such company existed, according to phone people. Wonder who wasted money on the ad?
--

3186. Re: IC-706 - CW Filter, which one?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: discus@caverns.com
Message-ID: <discus-1810950827540001@dialup3.caverns.com>
Source record: 211299

In article <46314g$70g@cville-srv.wam.umd.edu>, ham@w3eax.umd.edu (Scott Rosenfeld NF3I) wrote:

> Which 500 Hz CW filter does the 706 use?
> --

FL-100 500 Hz
FL-101 250 Hz
FL-103 SSB Wide
FL-223 SSB Narrow

73 Larry (NU5M)

3187. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: marcw@kaiwan009.kaiwan.com
Message-ID: <4633pf$2ik@kaiwan009.kaiwan.com>
Source record: 211300

Anonymous (nowhere@bsu-cs.bsu.edu) wrote:

: The purpose of the message was to provide a header that would be
: self-explanatory. Thanks for your contribution.

Don't you think the subject is self explanatory? BTW, I'm still looking
for an Alinco DJ 162.

-Marc

3188. Re: *** 6 meter SSB/CW Handheld ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-18 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <462vtg$c9b@mgate.arrl.org>
Source record: 211301

PE1MRG erwin.cremers@ingram.nl (erwin cremers) wrote:
>

>I have been told that there is a small handheld 6 meter
>SSB/CW available the US. Can any one tell me what brand
(reformatted)

They were probably thinking of the Mizuho/Pico line. At the
present time there is no USA importer. You might be able
to buy one from Japan or the UK, or on the used market.

Zack KH6CP/1 zlau@arrl.org

3189. works for me quite will for fifty bucks. 73, ke6mue

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: wlbeen@csulb.edu
Message-ID: <466bf1$cbq@garuda.csulb.edu>
Source record: 211153

[No readable article body recovered]

3190. Re: More antenna fun.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DGprvo.IGr@eskimo.com>
Source record: 211154
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.antenna

In article <813448935.8922@pinetree.microserve.com>,
jackl@pinetree.microserve.com (WB3U) wrote:
> BRETSKI <bap@storm.atms.purdue.edu> wrote:
>
>>So I brought the thing in this AM to work and used our iron which
>>goes to 850+ F. That did a GREAT job. It all flowed together
>>nicely.
> << snip >>
>>BRET A. PENNINGTON / COMPUTER TECHNICIAN /EARTH AND ATMOSPHERIC SCIENCES
>
>Wow, that's really hot! What kind of computers do you use that on?
>
>73,
>
>Jack WB3U
---

850 degrees F isn't all that hot. We use Weller 800 degree tips in all our irons at work (PCB assembly) and they do fine. On some very delicate items we may use 700 degree, and once in a blue moon, 600, but 98% of the time, 800 does the job.

A common error when learning to solder is using a low temperature iron to "avoid damage". Often that causes MORE damage because of the extra long heating time required. With a hot iron, you get on the joint, melt the solder quickly, and you're off before the component has a chance to get hot. Works like a charm.

73, Bill W7LZP
wrt@eskimo.com

3191. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <466gvd$rl7@ixnews3.ix.netcom.com>
Source record: 211155

In <465gsv$kg1@nonews.col.hp.com> jms@col.hp.com (Mike Stansberry)
writes:
>
>Mark Johnson (mjjohn5@lookout.mtt.it.uswc.uswest.com) wrote:
>
>** stuff deleted **
>
>: In fact the respectful thing to do would be to send the poster a
polite
>: e-mail message saying that this is not the proper group to post FS
on.
>: Flaming the poster on the news group is just a waste of bandwidth.
>
>My comment.
>The original message on this thread:
>
>ORIG: Just a reminder. Please use Rec.Radio.Swap for all sales and
purchases
>ORIG: of equipment.
>
>ORIG: Thanks.
>
>This is a flame?
>
>Flame away. de Mike, K0TER

The focus of this thread, after the original posting, dealt with people playing "net police" and then not identifing themselves on their post. If you are going to be the police of the newsgroup, then have the guts to identify yourself.

Citizens are not obligated to follow the instructions of someone claiming to be a police officer that cannot properly identify himself or herself as such. So it should be on the net.

3192. Re: HELP: MUDDY AUDIO ON ICOM U4AT HT!PLS!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: Erik Westgard <71505.341@CompuServe.COM>
Message-ID: <465uk7rao1@mhafn.production.compuserve.com>
Source record: 211156

Hi:

The u4AT speaker may be shot- is the audio OK through the earphone
jack? ICOM still repairs these units. Ross Distributing has a large
number of the various BP22, BP23, BP24 pattery packs and chargers
for sale.

73,
Erik
mwbran1@uswest.com (Mike Brandt) writes:
>
> I RECENTLY BOUGHT AN ICOM U4AT MICRO HT. IT IS FINE EXCEPT THE
> AUDIO ON RECIEVE IS MUDDY SOUNDING EXCEPT WHEN THE TRANSMITTING PARTIES
> ARE NOT SENDING ANY SUBAUDIBLE TONES.. DOES ANYBODY HAVE ANY EXPERIENCE WITH
> THIS TYPE OF TROUBLE AND COULD YOU TELL ME WHAT CAN BE DONE!!
> THANKYOU FOR YOUR HELP! ALSO NEED BP22 NICAD PACK!!!
>
> TNX AND 73'S de KA0PWW
> MIKE BRANDT
>

3193. Re: MFJ 6 Meter SSB/CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <465ukf$eh3@news.service.uci.edu>
Source record: 211157

MFJ is quoting "about 6 weeks" for the unit. They *are* putting the cart a little before the horse. If it's not available, I'd rather not know about it - darn it!

Jim
KE6JPO

3194. Re: TH79 - how good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: Vittorio Capuano <mc5508@mclink.it>
Message-ID: <466hlp$1ck@news.mclink.it>
Source record: 211158

Unless you need particular rx & tx band extensions I find it great !
Consider I live in a city like Rome where VLF through SHF pollution is
considerably high and intermod is terribly acceptable !

Vittorio

3195. Re: Wanted: tube specs for 6146B/W

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-1910951859340001@k4dii.ksc.nasa.gov>
Source record: 211159
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

In article <1995Oct17.151014.1722@hasler.ascom.ch>, Trummer Egon
<ntrume@hasler.ascom.ch> wrote:
> I have a Kenwood TS-830 shortwave TRX. This rig has two 6146B
> as final tubes. But from another OM I got two 6146W

Egon-

I can't argue the theoretical differences, or whether the TS-830 has some unusual requirement that isn't met by the older tube types.

Over the years, I've used 6146s in several different rigs, from SSB to NBFM, including a repeater. In my experience, all versions work. An individual tube may be better than another, but it doesn't seem to relate to which variation is involved.

One factor that DOES make a difference, is how the plate cap is attached to the wire coming out of the glass envelope. The best method is welding. The older tubes were soldered. After many hours of use, the tube's heat plus the high peak current, causes solder to crystalize. The result is a loose connection at the plate cap. It is possible to resolder, but it is a loosing battle with ordinary solder. (When it occurs, there may be a visible circle, about 1/16 inch in diameter, in the center of the plate cap.)

If you have tubes with soldered plate caps, go ahead and use them. Just be aware of what might happen after a long period of heavy use.

It is probably a good idea to keep both tubes as closely matched as you can.

73, Fred, K4DII

3196. Re: Wanted: tube specs for 6146B/W

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: Ken Harrison <harrisok@SONOMA.EDU>
Message-ID: <Pine.PMDF.3.91.951019171638.1078234549C-100000@SONOMA.EDU>
Source record: 211160
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

On 19 Oct 1995, James Garland wrote:

> I THINK that a 6146B which
> is plugged into a socket for a 6146A will show lower output power (and
> plate current) unless the screen voltage is increased.

I checked with someone else who is more knowledgeable in tubes than I and
he said that this could very well be the case. He also pointed out the
differences on an s-meter between some slightly different power outputs...

I still think if push came to shove, I'd just plug it in and go for it.

> Re the 6146W: Last night I substituted a 6146W for the 6146A in my Viking
> Ranger II, and the two tubes matched exactly: same grid and plate
> current, and identical power output. THe "W" version seemed somewhat
> ruggedized in its mechanical construction, which is consistent with the
> notion that it's a military version of the 6146A. Unfortunately, I didn't
> have a 6146B to try the same experiment.

Empirical data... When all the speculation flies out the window! ;-)

73,
Ken

____
Ken Harrison --- harrisok@vax.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

3197. Re: MFJ 6 Meter SSB/CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: hlester@nemo.as.arizona.edu
Message-ID: <466kj6$c48@news.ccit.arizona.edu>
Source record: 211161

In article <465ukf$eh3@news.service.uci.edu> jwkelley@e4e.oac.uci.edu (James W. KELLEY) writes:
>MFJ is quoting "about 6 weeks" for the unit. They *are* putting the
>cart a little before the horse. If it's not available, I'd rather not
>know about it - darn it!

Are you kidding?? 6 weeks is breakneck speed for MFJ!

3198. Re: How about IC706,TS50,ALINCO DX70

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: rgm@bilbo.baylor.edu
Message-ID: <466a0n$pte@BUDS1.baylor.edu>
Source record: 211162

That last post looked reasonably informative - can anyone translate it into English?

Thanks.
-Ross
KB2RVB

3199. Re: Yaesu FT-2200 extended receive 110-140Mhz

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <467a1q$dk9@bighorn.accessnv.com>
Source record: 211163

MICHAEL KILLIAN (killian@aztec.asu.edu) wrote:

: I just received my new Yaesu FT-2200. When I followed the manual
: to enable the extended recieve, it did not work! Is there an error
: (typo or something) in the manual? Does anyone have any info to
: help me. I REALLY want the extended receive.

: Thanks
: Mike
: KC7JGC
If you contact your dealer, he can provide you with the information ...
Yaesu modified the radio after the manual was printed, and did not update
the manual.

73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

3200. Various gear for sale...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: wederj@cuug.ab.ca
Message-ID: <DGoLH0.D34@cuug.ab.ca>
Source record: 211164

Hi all from Joel in Calgary. I'm hoping to buy an HF rig soon, so I need
to do a little house cleaning. Help me out here!!!

1. Yaesu FT290RII - 2 metre all-mode mobile/portable
- with DTMF mic, clip-on 25W amp,Ni-Cad pack,
rubber duck, operator's & service manuals.
- In very good shape -> $600

2. Kenwood TR-2200A - 2 metre FM portable, crystal rig,
puts out 2W with Ni-Cad pack.
- Includes Micronta power supply
- $100 obo

3. Heathkit DX-60B - 5 bands on HF, CW & AM transmitter.
& HG-10B - V.F.O. for the above.
- A real early 60's classic -> $150 obo

4. Realistic SX-190 - Very good quality shortwave receiver,
used with the DX-60B. Early 70's model.
- $100 obo

5. Atari 1040ST - Computer with 1 MB RAM, graphical user inerface
in ROM, 720 K 3.5" floppy, color monitor, mouse
- Also includes serial, parallel, games, mouse
and MIDI ports. -> Best offer to a good home!

6. XV4-2/5 Transmit Converter - 10m in, 70cm out at 1.5w
- can switch between 432-434 and 435-437 ranges
CC432-2/5 Receive Converter - 70cm in, 10m out
LPA 4-35 Power Amp - 30w linear, 40w FM
TRR Transmit/Receive relay, and Receive preamp
It's all housed in a metal cabinet to keep things organized,
and includes manuals...
I'm asking $300, which is a steal as the new price is $400 US...

You can reach me by phone at 1-403-289-3856, by packet at VE6YYC,
or by email at wederj@cuug.ab.ca
Thanks and 73 from VE6VOX...

--
****
Joel Weder
How to reach me: Packet - VE6VOX@VE6YYC
Phone - 403-289-3856

3201. Re: Help Using Spectrum Analyzer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: thomas.g.booth@den.mmc.com
Message-ID: <thomas.g.booth-191095171608@160.205.101.24>
Source record: 211165

In article <464npr$b4m@buffnet2.buffnet.net>, daveb@buffnet.net (dave)
wrote:
>
> Owner said it worked fine but needed a connector repair. The price was
> right so off I went with 60 lbs of spectrum analyzer. Well after repairing
> a connector and the 12 volt rail it appears to work fine. Lots of stuff happening
> the FM BCB with a small antenna at the input.
>
> Here is the problem.. No operation manuals. It has knobs I am sure how to
> use. It has a tuning and phase control. Switches for LO enable, Phase Lock
> and Signal Identifier. How do you operate this thing (ie: center frequency) ?
>
> It is a late sixties early seventies vintage SINGER SPA-3000 (99% solid state).
> This thing will tune from 100MHz to 40 Ghz. I really would like to be able to use
> it properly. Thought some of the more experienced ones could steer me in the
> right direction.
>
> Thanks ...

One source you can try for obtaining manuals for your Singer is Tucker
Surplus @ (800) 527-4642; they've carried surplus SPA-3000s in the past &
should have manuals (or reproductions) available. However, you may find
their price for the manuals to be a bit high.

A possible alternate manual source you can try is Ed Matsuda. He might
have a copy, but since he specializes in HP & Tektronix manuals I can't
guarantee he'll have a copy. Ed's address is -

Ed Matsuda
P.O. Box 390613
San Diego, Calif. 92149

Also, that SPA-3000 should be able to get down to 10 MHz rather than 100
MHz, unless it's been modified somehow.

Good luck -

TGB

\\ The opinions expressed herein are my own. //

3202. Subject: Alinco 110 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: pve@dg13.cec.BE
Message-ID: <3085ECCA@smtp>
Source record: 211166

The Alinco 110T and the 1200T (they are almost identical) have a power-on system using solid state devices. If you open the 110 and holding it in front of you, you will see that just next to the power on switch is a Solid state switch (a black large TR looking device with 3 pins on one side and one on the other). You can have replace it, or better, jumper it out of the circuit(I did this).
My radio now powers on when the 12V is there, not when the power switch is pressed on.

Hope this helps,
Peter, kc1qf
kc1qf@amsat.org

3203. HT FOR SALE OR TRADE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: Bobby Raymer <braymer@midtenn.net>
Message-ID: <465064$bf4@grumpy.midtenn.net>
Source record: 211167

I have a Adzen PCS-300 Two meter HT in Min-Condition and works Great
has 10 memory programble,Comes with extra battary and charger and
manual with adzen carring case.Like too sale $130.00 or possible will
trade for a General Coverage Receiver in good shape.Call Bobby Raymer
at 1-615-537-9222 or email any question too braymer@midtenn.net

--

3204. Ham Radio Mod file BBS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: Bobby Raymer <braymer@midtenn.net>
Message-ID: <466gur$fqo@grumpy.midtenn.net>
Source record: 211168

The AD4HL Amateur Radio BBS is on line 24 hrs aday with over 1,500
mod files for ham radios and also scanners plus software,there no
upload or download ratios,Also there a ham radio trader net conference
too list ham,scanners etc for sale,trade,wanted.

Call 1-615-537-6051 too log on

3205. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: hgoldste@bbs.mpcs.com
Message-ID: <464ej6$gos@news1.mpcs.com>
Source record: 211228
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Another good time source can be a handy little GPS nav receiver...

--
Howard Goldstein <hg@n2wx.ampr.org> http://www.tapr.org/~n2wx/

3206. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <464hn5$le6@cc.iu.net>
Source record: 211229
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In <464ej6$gos@news1.mpcs.com>, hgoldste@bbs.mpcs.com (Howard Goldstein) writes:
>Another good time source can be a handy little GPS nav receiver...
>Howard Goldstein <hg@n2wx.ampr.org> http://www.tapr.org/~n2wx/

very true, howie. they also are probably a couple of orders of magnitude
more reliable than the WWV system given the vagries of propagation, noise
and all that.

it'll be so cool when they get these worked out to be 1 chip with a few leads
out...they're going to be in everything -- it'll be worse than things like a micro
processor controlled toaster...8)

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

3207. info-icom ic-251a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-1810952105400001@152.52.37.92>
Source record: 211230

does anyone have any comments on this radio good or bad..
also how about a going rate on the market today.

did icom also make a 70cm version (ic-451a?)

thanks

mike

reply to redlight@nando.net

--
Mike - Raleigh, NC USA

3208. HELP: MUDDY AUDIO ON ICOM U4AT HT!PLS!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: mwbran1@uswest.com
Message-ID: <46494s$2p2@sanews.uswc.uswest.com>
Source record: 211231

I RECENTLY BOUGHT AN ICOM U4AT MICRO HT. IT IS FINE EXCEPT THE
AUDIO ON RECIEVE IS MUDDY SOUNDING EXCEPT WHEN THE TRANSMITTING PARTIES
ARE NOT SENDING ANY SUBAUDIBLE TONES.. DOES ANYBODY HAVE ANY EXPERIENCE WITH
THIS TYPE OF TROUBLE AND COULD YOU TELL ME WHAT CAN BE DONE!!
THANKYOU FOR YOUR HELP! ALSO NEED BP22 NICAD PACK!!!

TNX AND 73'S de KA0PWW
MIKE BRANDT

3209. Ft530 Mods?!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: rossr@tcs.com
Message-ID: <464e83$llo@tcsi.tcs.com>
Source record: 211232

Hi, I recently bought an FT530, I also modified it for extended rxcv, however, the 900 mhz band does not rxcv as it does on a friend's FT530. The frequency is displayed but squelch never breaks nor can you hear anything when no squelch. Yaesu service says after lot 20 of this model the unit will do this. Does anyone have a similar experience or know how to rework the unit to rxcv in this band?. thanks.

3210. Have you used COMER COMMUNICATIONS "DSP100" rig?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDGo9or.9n1@netcom.com>
Source record: 211233

I answered an ad for the DSP100 PC-based HF rig/exciter from COMER COMMUNICATIONS. Has anyone actually used this rig? What version? Is it actually useful? Is it supported reasonably by the vendor? Any other impressions? The downloaded software (from bbs # 619 744 4032 if you need to know) is interesting looking.

73 Dave WB0GAZ dgf@netcom.com

3211. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: hgoldste@bbs.mpcs.com
Message-ID: <465i9m$1lb@news1.mpcs.com>
Source record: 211234
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

On 19 Oct 1995 03:46:45 GMT, Bill Newkirk <wnewkirk@iu.net> wrote:
: In <464ej6$gos@news1.mpcs.com>, hgoldste@bbs.mpcs.com (Howard Goldstein) writes:
: >Another good time source can be a handy little GPS nav receiver...
:
: very true, howie. they also are probably a couple of orders of magnitude
: more reliable than the WWV system given the vagries of propagation, noise
: and all that.

The only problem I'm having with my own advice is developing the antenna
system, one capable of feeding a reliable signal to the receiver near my
computer. GPS is Garmin 55AVD, backyard has a fecundity of pine trees,
and suction cupping the antenna on the window doesn't reliably hold even 2
birds for any length of time.

Wish there was a cheap-to-build active antenna design for these puppies...

: it'll be so cool when they get these worked out to be 1 chip with a few leads
: out...they're going to be in everything -- it'll be worse than things like a micro
: processor controlled toaster...8)

Yup the lithium clock battery market is gonna take a beating

--
Howard Goldstein <hg@n2wx.ampr.org> http://www.tapr.org/~n2wx/

3212. Re: New W9GR (DSP3) ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: cookt@ouvaxa.cats.ohiou.edu
Message-ID: <DGp8K9.3nu@boss.cs.ohiou.edu>
Source record: 211235
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <MBVhwEI6cb9I083yn@sparc.isl.net>, dheltzer@sparc.isl.net (Dale E. Heltzer) writes:
>Hi,
>
>I have the original W9GR DSP unit as described in the Sept.(?) '92 QST
>issue.
>Now I understand there's a newer version (DSP3?).
>
>Does anyone have comments on the new unit's performance, especially as
>compared to the original model?
>
>Thanks.
>
>Dale E. Heltzer, KD0KV
>
>---
>People say I'm indecisive.
>Am I?
>I don't know.
>
I use the newer version and have never used
the older version so I can't compare. I do
know that it works better than I expected it
to, and would recommend it to anyone.

Everyone that comes over to see it go's out and
buys one, so that must say something. I can't believe
its performance.... I call my wife into the room
aalmost everyday and let her hear what it does.
I say buy it and to others reading this reply using
older radios , it makes the need to buy a new rig
go away. DSP is the only way to go.... Tim WB8BCO

t

3213. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: bill@thd.tv.tek.com
Message-ID: <466f4e$8b4@news.tv.tek.com>
Source record: 211236
Cross-posted to:
misc.consumers,comp.periphs,comp.sys.ibm.pc.hardware.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

>GPS is great; I have a couple of them. For reasons I do not understand,
>however, it has been my experience that the time displays on the GPS units
>disagree with WWV by around 3/4 of a second. For a system that relies on
>nanosecond timing this is a little mysterious, perhaps processing delays
>in the display. This may be enough accuracy for this user, but it is
>nothing like as accurate as the Heathkit clock.

Perhaps the GPS clock is displaying astronomical time. According to my
Heathkit clock, there's a large fraction of a second difference between
astronomical time and UTC. I believe a leap second has been scheduled at
the end of the year to bring them closer again.

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com http://www.rdrop.com/~billmc Phone: (503) 627-6920
CAUTION: Don't look into laser beam with remaining eye.
The opinions expressed above are not necessarily those of Tektronix, Inc.

3214. HT's DTMF Tones Affected by RF: HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: andy@clark.net
Message-ID: <465dr8$e01@clarknet.clark.net>
Source record: 211237

Can anyone suggest a solution to this problem: I have a Standard C-288A 220 MHz HT. Using a rubber duck, or even an AEA Hot Rod antenna, there is apparently some RF getting back into the rig which affects some of the tones on the DTMF encoder, namely 3, 6, 9, #, A, B, C, and D (in other words, the right half of the pad).

While the tones sound fine to the naked ear, they do not activate the decoders of three separate repeaters here.

The problem occurs only in the hi-power position. Using low power, all tones work fine. Plugging an earphone into the HT will also help, as it acts as a counterpoise and bleeds off much of the RF. An of course, using an external antenna works fine too.

The rig just came back from the service center where they confirmed that everything is right on frequency, and the deviation is properly set. I suspect they used a direct connection between the HT and the service monitor, and thus were unable to analyze the tones when transmitted using a rubber duck.

Any suggestions for a permanent cure would be appreciated. Perhaps there's some sort of capacitor thingy I can solder somewhere?

Many thanks!

andy/k4adl
andy@clark.net

3215. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <465hoe$sq0@newsbf02.news.aol.com>
Source record: 211238

In article <DGnG89.EDp@da_vinci.ecte.uswc.uswest.com>,
mjjohn5@lookout.mtt.it.uswc.uswest.com (Mark Johnson) writes:

>
>But you still don't have the balls to post with out hiding under the bed.
>I would be willing to bet you are also one of the jerks that gets on the
>air and makes cutting comments to others without ever identifying. Sorry
>bub, your not a net god.... your more like a net mouse.
>
>My apologies to others for wasting bandwidth.....
>
>Mark

Hi Mark,
At least he seems to understand the FAQ, eh? Gotta give him credit for
that!

I'm a Novice at newsgroups, so I'm trying to get a handle on what's good
practice and what isn't. I hope you don't mind my asking for expert help
on a puzzlement I have.

I understand you to say the analogy that applies to the mystery man is he
"is the same as someone making comments on the air without ID'ing", and
that makes sense.

What is the analogy I should use to understand someone that posts wants or
sales to a newsgroup where the creation of the group was specifically done
to avoid that type of thing? Would they be the net equivalent of "Lids" ?
Or is going outside a newsgroup's published FAQ guidelines OK?

What about people that call other people nasty names? Is there an analogy
for them, or is that also acceptable in newsgroups?

Thanks and 73, Tom

3216. Is IC706 a good radio ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: dixsau_d@neon.epita.fr
Message-ID: <465lvt$77s@boson.epita.fr>
Source record: 211239

Hi all,

Here in France we are starting to hear about the new IC 706 multi bander from ICOM. It will soon be available for sale. Some friends of mine are thinking about buying one.
So the question is: is it a good or bad radio ? I mean has it got a good selectivity on HF and good sensitivity on VHF ?
For example could it be compared to a TS50 om HF and a TM255 on VHF ? Can it be used on a large HF antenna without any problems (receiver oervload...) ?

Many thanks in advance from Damien, F1LQJ.

Damien DIXSAUT FRENCH STUDENT IN COMPUTER SCIENCES AT E.P.I.T.A.
e-mail dixsau_d@epita.fr (Paris, France)
packet F1LQJ@ F6ABJ.FRPA.FRA.EU

3217. Kenwood TH28 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: Stan Holmes <Stan@tri.eskom.co.za>
Message-ID: <465l76$org@duvi.eskom.co.za>
Source record: 211240

Hi can anyone tell me how to modify the TH28 to increase the AM
air band down to 100Mhz. At present it starts at 118Mhz.
Thanks

Stan@tri.eskom.co.za

3218. Re: ANTENNA - Comet CH-32 Miracle Baby

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: kgk@nwu.edu
Message-ID: <kgk-1910950945470001@kgkmac.repoc.nwu.edu>
Source record: 211241

In article <jgardnerDGo0Cx.Don@netcom.com>, jgardner@netcom.com (Jerry Gardner) wrote:

>MICHAEL KILLIAN (killian@aztec.asu.edu) wrote:
>
>: Does anyone have any experience with this antenna? I am interested
>
>
>This antenna is aptly named: it's a "miracle" that it radiates a signal.

That's always been my thought, but I know a ham who has one and thinks it's great. He uses it at ham fests where he does not need to communicate very far. It makes the ht shorter and when you clip it to your belt, you don't bump into the antenna all the time. So I guess it's the perfect ham fest antenna.

Ken

-- _----
Kenneth Kalan PP ASEL ===_ / |
Northwestern University | ___/[__] ___/__ |
Prosthetics Research Laboratory |__ _|___|_____===/
Rehabilitation Engineering Program | \/
kgk@nwu.edu N9YIR o O
Civil Air Patrol, 2LT,1st Lyons Composite Squadron - Red Fox 407
Melrose Park RACES 1M64 Skywarn Weather Spotter
http://kgkmac.repoc.nwu.edu/
If you pick up a starving dog and make him prosperous, he will
not bite you. This is the principal difference between a dog
and a man. -- Mark Twain

3219. Re: TS 520SE half power

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: butterwo@hpl.hp.com
Message-ID: <DGpCB8.B25@hpl.hp.com>
Source record: 211242

Ray Fennessey (medlas@mle.ultranet.com) wrote:

: My TS-520SE has dropped to half power output. I,m still able to make DX
: contacts, though. Is it possible that one final is no good or do they have to
: work as a pair?

They work as a pair and probably are now unbalanced. Better to change tubes now.It doesn't really cost that much. you can get matched pair tubes if you really
want to do it right (about $10 more).

3220. Jimmie "The Tube Man" Hawkins - What to do in this situation?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: grauzer@aol.com
Message-ID: <465r1u$3k3@newsbf02.news.aol.com>
Source record: 211243

In an effort to save some money, I bought EL34 output tubes from Jimmie Hawkins, usually a seller of ham radio tubes at Southern California swap meets. I received the tubes mail order, having been told they were new. The tubes were blackened at the tops, clearly had been used, and when I called him, I was told that they are new, but I should try them, and if I don't like them, to return them and I'd get my money back. I tried them, blew fuses in my amp, and sent them back. He told me I had blackened the tubes, he could no longer sell them and sent them back to me. Have any others had problems with this guy? Perhaps at this point, the most I can do is tell others to be wary when dealing with him, so that someone else doesn't also get screwed.
Dave

3221. RME-6900 USERS WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <465tpj$bn7@pacific.mps.ohio-state.edu>
Source record: 211244

I'd like to find someone who uses and is familiar with an RME-6900
receiver (built around 1961). I've recently restored one,but would like
to ask a few questions about its slightly quirky behavior. Tnx.
Jim W8ZR

3222. Re: Icom IC-4SRA

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: mike.brooks@thefishnet.com
Message-ID: <8B352BD.00740008CB.uuout@thefishnet.com>
Source record: 211245

I have a Icom IC-4SRA for sale. It is an HT with a scanner built in.
The radio side of the HT covers 430-490 MHz and the scanner side of it
works from 25-1299 MHz. It has 30 memory channels on the 440 side and 60
memory channels on the scanner side. The radio has all kinds of Bells
and whistles to it. I also have a brand new rapid chager to go with it.
The HT is in Excellent shape and I will sell it and the charger for
$375. If Interested leave message ot me @ mike.brooks@thefishnet.com
Thanks
]\/[ike

• SLMR 2.1a • Turn your 486 into an XT, Just add Windows!

3223. New MFJ 6 Meter SSB Rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <465teu$dsv@news.service.uci.edu>
Source record: 211246

The latest QST has an MFJ ad for a 6 meter (50-50.3MHz) SSB 10 watt radio for $259 with a mic. Does anybody know about this one yet?

Jim
KE6JPO

3224. Svetlana 4CX800 (was 91beta)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <465vvm$5qm@newsbf02.news.aol.com>
Source record: 211247

In article <465kut$54n@mgate.arrl.org>, Zack Lau <zlau@arrl.org> writes:

>
>Can you explain the logic behind this? Wouldn't it make more
>sense to replace them with pair of 3CX800A7s instead of a single
>4CX1500?
>
>Does anyone know if the 4CX800As were widely used by the
>Russian military? Is this one of the better designs?
>
>
>
>Zack KH6CP/1 zlau@arrl.org

Sure, you could use a pair of 3CX800's. But the screen, control, and cathode circuitry woul all have to be re-designed! Now the end user is not only faced with correcting voltage and current levels from the supply for all the elements, but has compounded the problem because the basic circuitry surrounding the tube is completely incorrect. That very likely would require gutting the cabinet (with the exception of the output tank and HV supply) and starting over.

I didn't mean to give the impression the Russian tetrodes are a bad tube or a bad idea. I simply question the long term merits of saving a hundred bucks or so over 3CX800's when the effort required to convert to something else in case of vendor difficulties is complicated by the fact the original tubes were tetrodes!

Regardless of advertising and marketing propaganda, *ALL* tetrode's require more complicated circuitry for proper tube protection and operation. Tetrodes are much less forgiving of improper tuning than g-g triodes, and this applies both to the tube's life and the distortion produced.

I've really heard nothing from end users one way or the other about that tube family, but my *personal opinion* is it would be MUCH more attractive long term if it were a socket and voltage equivalent (for example, the socket is unique and single sourced) for a common triode like the 3CX800A7 or 3CX1500A7.

73 Tom

3225. Re: Svetlana 4CX800 (was 91beta)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <814123950.14749@pinetree.microserve.com>
Source record: 211248

w8jitom@aol.com (W8JI Tom) wrote:

>I didn't mean to give the impression the Russian tetrodes are a bad tube
>or a bad idea. I simply question the long term merits of saving a hundred
>bucks or so over 3CX800's when the effort required to convert to something
>else in case of vendor difficulties is complicated by the fact the
>original tubes were tetrodes!

Given their popularity, availability and low cost per watt, I don't understand why anyone would buy an HF amplifier with tubes other than 3-500Z's. At somewhat lower power levels, 811A's are also a good choice, for the same reasons.

Is there some benefit to the use of expensive tetrodes and ceramic triodes that I'm not aware of?

73,

Jack WB3U

3226. Re: Any mods for IC-W21E or IC-W21A HT?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: mkelly@brisbane.DIALix.oz.au
Message-ID: <465b83$f9k$1@brisbane.DIALix.oz.au>
Source record: 211249
Cross-posted to: aus.radio,rec.radio.amateur.equipment

capuano@deakin.edu.au (Luke) writes:

>Howdy,
> Please email to capuano@deakin.edu.au

>Regards.

Try the ftp site at oak.oakland.edu
There are lots of mods for a zillion rigs in the
/pub3/hamradio/mods/icom directory

One of them involves putting a diode (SMT) onto the board. They suggest
a particular diode and give the part #. I have been unable to find
out if the orientation of the diode is one way or the other and even
if it's a signal diode or some other.

Good luck.

Murray Kelly. vk4aok.

3227. Re: New MFJ 6 Meter SSB Rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: andy@clark.net
Message-ID: <46658g$i34@clarknet.clark.net>
Source record: 211250

James W. KELLEY (jwkelley@e4e.oac.uci.edu) wrote:
: The latest QST has an MFJ ad for a 6 meter (50-50.3MHz) SSB 10 watt radio
: for $259 with a mic. Does anybody know about this one yet?

Well, we do now. After reading previous posts on this subject, it appears that MFJ may not be quite ready to ship the units. But that's ok; pre-production advertising is really not that uncommon, providing the consumer is advised accordingly.

I think these little cheapie SSB/CW rigs are a great idea for the QRP fans. However, I am a bit surprised at their choice of bands. After having produced a 20 meter version, I would have guessed that a 10 or 15 meter unit would be next on the list, given that there may be a bit more activity on these bands.

andy

3228. Kenwood TS-820

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-19 00:00:00 UTC
From: diaguila@firnvx.firn.edu
Message-ID: <4668lb$4ru@news.fsu.edu>
Source record: 211251

After being out of amateur radio for 20 years I've decided to jump back in. I've found a TS-820 for about $200, and assume it's a good price. Any info good/bad about the unit? (or other suggestions)

Thanks.......

Paul

3229. Re: W2a audio going down (was: HELP - Icom ICW2A Speaker Connection)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: geertj@ripe.net
Message-ID: <DGq88o.9BA@inter.NL.net>
Source record: 211169

In <1995Oct17.212357.17540@unislc.slc.unisys.com> Hugh Pepper <pepperh@demo.bb.unisys.com> writes:

>While on the topic of the IC-W2a - My W2a started having weaker and weaker
>audio out.. so that the volume had to be turned up louder and louder to get
>the same audio level out...

>Seems as though it is fine when first turned on, and then when it warms up
>(either by transmitting,- warms up quicker, or just listening - warms up
>slower) the audio goes almost dead.. It comes back on and then goes off
>again, going from this loud to soft without touching the volumn control!!

Repairing the W2a is easy (I did so several times), though diagnosing
is difficult. Before you open the unit, do some tests like:
- really verify if the problem is both VHF and UHF
- Connect external speakers to both jacks and test again.
- Does a quick powerdown/powerup restore audio levels?
- DO you notice distortion?
It may be a capacitor going soft, but then again, it may not.

I do NOT recommend working on the unit if you can't take ESD precautions,
if you don't have the maintenance manual, or if you are unconfortable
working on 0102 SMD's. And remember NOT to transmit if the casing
is not installed (the back side is the cooling).

Diagnosing is difficult. ICOM has service jigs, but the rest of us
mortals are not that fortunate.

Geert Jan

3230. Re: Yaesu FT-51R -- Like it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4679tj$aqf@ixnews3.ix.netcom.com>
Source record: 211170

In <DGnznp.3IBu@austin.ibm.com> mcinnis@austin.ibm.com (Mickey McInnis)
writes:
>
>
>I should add that the 2 watt battery seems to outlast the 5 watt
battery
>even when using the HT at the same power level. I guess the amp-hours
>are what counts with the power circuitry in the FT-11.
>--
>Mickey McInnis - mcinnis@austin.ibm.com
>--

YAESU FT-51R Handheld (High power verses low power battery)

You may also forget that ON RECEIVE, the high power (5watt) FNB-38
battery also produces twice the speaker audio output than the lower
power FNB-31 battery.

Higher Output power and louder speaker audio make the FNB-38 a better
choice.....

73's

Kevin

3231. Motorola manuals WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: randolph@est.enet.dec.com
Message-ID: <468u19$ekq@mrnews.mro.dec.com>
Source record: 211171
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Need service manuals for the following 1970s vintage Motorola radios:

Mocom 70 model U51BBN3100A 42-50 MHz, 60W, 4 chan

Micor T71RTN3400A 42-50 MHz, 100W, 4 chan
I also need a control head for the Micor...

Will pay reasonable copying/mailing.

-Tom R. N1OOQ randolph@est.enet.dec.com

3232. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: hcb@phc.chalmers.se
Message-ID: <468afe$a3@nyheter.chalmers.se>
Source record: 211172
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <465i9m$1lb@news1.mpcs.com>
hgoldste@bbs.mpcs.com (Howard Goldstein) writes:

> The only problem I'm having with my own advice is developing the antenna
> system, one capable of feeding a reliable signal to the receiver near my
> computer. GPS is Garmin 55AVD, backyard has a fecundity of pine trees,
> and suction cupping the antenna on the window doesn't reliably hold even 2
> birds for any length of time.
>
> Wish there was a cheap-to-build active antenna design for these puppies...
>

Check out the latest (in Sweden anyway ;-) issue of QST. There was a
patch antenna design worthy of McGyver - two pieces of aluminum & a
connector. With 10 feet of RG-58 the signal strength was about the same
as with the original antenna, about 3 dB higher with short feedline.
I'm building one of those soon - can't get much simpler!
Good Luck
Hans

Hans-Christian Becker -- hcb@phc.chalmers.se --
Dept. of Physical Chemistry
Chalmers University of Technology

Physical Chemist, Ham Radio Operator (SM6TLH) & Macintosh Geek
If I only knew how to get this #$! signature feature working!

3233. Re: New W9GR (DSP3) ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.951020091837.9154A-100000@avatar.avatar.com>
Source record: 211173
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

On Thu, 19 Oct 1995 cookt@ouvaxa.cats.ohiou.edu wrote:

> In article <MBVhwEI6cb9I083yn@sparc.isl.net>, dheltzer@sparc.isl.net (Dale E. Heltzer) writes:
> >
> >Does anyone have comments on the new unit's performance, especially as
> >compared to the original model?
> >
> I use the newer version and have never used
> the older version so I can't compare. I do
> know that it works better than I expected it
> to, and would recommend it to anyone.
>
> Everyone that comes over to see it go's out and
> buys one, so that must say something. I can't believe
> its performance.... I call my wife into the room
> aalmost everyday and let her hear what it does.
> I say buy it and to others reading this reply using
> older radios , it makes the need to buy a new rig
> go away. DSP is the only way to go.... Tim WB8BCO
>

How does it compare to the TimeWave DSP59+. I was just getting ready to by the DSP59+.

Thanks,
Kory

3234. Another ICW2A Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: so-patu@stekt14.oulu.fi
Message-ID: <SO-PATU.95Oct20101835@stekt14.oulu.fi>
Source record: 211174

I have been trying to find a way how to disable receiving audio
on W2 when transmitting an the other band. I have tried several
ways how to do it, but without success so far. If somebody knows
how to solve this, i'd like to hear from you.

Timo, OH6NVG

P.S. The PLL of my unit seems to be locked up to 1024MHz in room temp,
any other who has tested this?

3235. Re: Svetlana 4CX800 (was 91beta)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: USCG TELECOMMS <gttm@cais.cais.com>
Message-ID: <Pine.BSI.3.91.951020073441.19966A-100000@cais2.cais.com>
Source record: 211175

On Thu, 19 Oct 1995, WB3U wrote:
>
> Is there some benefit to the use of expensive tetrodes and ceramic
> triodes that I'm not aware of?
>
Much lower power driving requirements, allowing use of peanut whistles
for drivers. Other benefits which W8JI can probably expound upon better
than I can since that's how he makes his living.....Ron, W4VR.

3236. Re: Svetlana 4CX800 (was 91beta)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4685qn$7eh@newsbf02.news.aol.com>
Source record: 211176

In article <814123950.14749@pinetree.microserve.com>,
jackl@pinetree.microserve.com (WB3U) writes:

>Given their popularity, availability and low cost per watt, I don't
>understand why anyone would buy an HF amplifier with tubes other than
>3-500Z's. At somewhat lower power levels, 811A's are also a good
>choice, for the same reasons.
>
>Is there some benefit to the use of expensive tetrodes and ceramic
>triodes that I'm not aware of?
>
>
Hi Jack,

Like many things there are both pro's and cons, so it's up to the individual to make his choice. But let me add a disclaimer here.

My initial points were made in correcting a posting error, they were not in reference to the 91B. They were: 1.) The tube was not an Eimac, and there is NO direct replacement available from Eimac or anyone else. 2.) Understanding how tubes are built, I don't understand why Svetlana doesn't just make a hi-mu triode equivilent of a USA triode. 3.) By the time the correct bias, screen, and input circuits are added, the cost advantage of the cheaper tetrode all but disappears. 4.) Tetrodes generally have more critical operating parameter requirements than triodes, and for the best performance require carefully regulated and current limited supplies for the screen and control grids.

Ceramic tubes have a better envelope design. They offer better seals, cooling, and (generally) more stability. Ceramic tubes also take up less room. Glass tubes generally cost a bit less and require less complicated cooling systems.

In amateur service, grounded grid high-mu triodes have become the mainstream choice for very good reasons. The gain is correct, circuitry simple, component count low, operating voltages and adjustments less critical, manufacturing costs low, etc.

Tetrodes offer higher gain or improved load to driver isolation, when required (usually non-Ham applications). But even with these requirements, it's a close call deciding whether to add a g-g pre-driver, or to add the screen, bias, and other additional circuitry the tetrode requires.

73 Tom

3237. NIR-12 DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: hpartin@acpub.duke.edu
Message-ID: <4689n4$ejn@news.duke.edu>
Source record: 211177

[No readable article body recovered]

3238. Standard c158A 2M HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: scsmith@nyx.cs.du.edu
Message-ID: <468bds$i41@nyx.cs.du.edu>
Source record: 211178

I've seen the C158A advertised in several of the ham
magazines for $209 as a closeout special. Can any of you
comment on This radio. How does it compare to the similarly
priced Radio Shack HTX-202 HT?

Thanks
Steve KB0SZF

s

3239. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: Cal Eustaquio <ceustaqu@ohm.elee.calpoly.edu>
Message-ID: <Pine.ULT.3.91.951020074124.11681B-100000@ohm.elee.calpoly.edu>
Source record: 211179

Don't know what you're talking about. I have my RS DSP filter hooked to my HQ-110. It is worth every penny. I have had great success in chopping out bothersome heterodynes and getting excellent CW selectivity. When used with the HQ-110's onboard Q-multiplier, the selectivity effect even becomes more pronounces. And if I don't want the DSP in? Simply switch it out. I like my DSP unit. 73's, all. Cal, N6KYR.

On Mon, 16 Oct 1995, Collier Chun wrote:

> In article <45n9dq$g2v@express.ior.com>, kw1k@ior.com says...
> >
> >Possibly the single worst piece of ham gear ever made -
> >
> >Useless except for the 'money back if your not satisfied'.
>
> ... and if you pay by credit card. Pay cash, and
> expect to get credit only--good towards choosing another
> piece of Radio Shack merchandise...
>
> That's my experience.
>
>
>
>
>
>
>
>

3240. need shematic for old old heathkit radio control

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: dakota@ccwf.cc.utexas.edu
Message-ID: <468fb9$nqe@geraldo.cc.utexas.edu>
Source record: 211180

I have a old 3 channel heath r/c radio.

nedd shematic or book or whatever.

thanks

richard

3241. TS450 Power Increase?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: jderuite@xroads.com
Message-ID: <46f4jl$d5g_001@slip19.xroads.com>
Source record: 211181

I have heard that in the TS850 there is an adjustment for power out. Is there something comparable in the TS450. Currently my 450 puts out about 80 watts. I would like to get it up to 100 or greater if possible. Any one have any suggestions.

direct E-mail is jderuiter@xroads.com

John, KJ7GU

3242. Re: Apoligy to the Group

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: Anonymous <nowhere@bsu-cs.bsu.edu>
Message-ID: <468ekl$cci@utopia.hacktic.nl>
Source record: 211182

davidst1@aol.com (DavidSt1) writes:

>I will say this to the (thankfully few) wanna-be net cops. I knew
>the charter of this group requested no "for sale" here. The first
>time I did it, completely unaware that it was unwelcome, I received
>several messages demanding and ordering that I not do it again.
>
>I was not born to be intimidated by petty underlings. So I made
>a point of posting "for sale" to this group every time thereafter.

How old are you, ten? Go away. Apology not accepted.

3243. Re: Svetlana 4CX800 (was 91beta)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <468rth$6vc@mgate.arrl.org>
Source record: 211183

jackl@pinetree.microserve.com (WB3U) wrote:

>Given their popularity, availability and low cost per watt, I don't
>understand why anyone would buy an HF amplifier with tubes other than
>3-500Z's. At somewhat lower power levels, 811A's are also a good
>choice, for the same reasons.
>
>Is there some benefit to the use of expensive tetrodes and ceramic
>triodes that I'm not aware of?

Maybe the same reason why people buy cars that can go 100 mph
when the speed limit is 55 mph--they want something that will
easily deliver more than 1500 watts, even though they never
intend to run it that hard.

Thus, if you end up living in the Colorado Rockies where the
air is thin you don't run into problems trying to keep the tubes
cool...

The 4CX800/3CX800 also have a lot of gain, so you can also back
off on the exciter power, so it isn't running full out. Running
gear at reduced output is quite popular in remote areas where
spares/replacement parts are costly to obtain.

Finally, people who carry amps aboard airplanes for DX-peditions
certainly appreciate small, compact amplifiers. While the size
of the tubes help, I think the lower plate voltages also contribute
to meeting the need.

Zack KH6CP/1 zlau@arrl.org

3244. Dual Kybd/Monitor Adapter?????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: "Robert L. Nuckolls, III" <72770.552@compuserve.com>
Message-ID: <46953o$cn9@opal.southwind.net>
Source record: 211184

Some years ago, I used to buy a neat little box from Personal Computing Tools that permitted two keyboards and two monitors (svga) to share a common computer. The remote keyboard and monitor could be up to 150' away. I recently called to purchase another set of goodies and find the price has more than doubled! Can anyone turn me onto another manufacturer of a similar product -or- information on building it yourself. The 'box' can't have much more than a few buffers and gates in it.

Thanks!

Bob . . .
K0DYH

3245. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: Cal Eustaquio <ceustaqu@kilby.elee.calpoly.edu>
Message-ID: <Pine.ULT.3.91.951020130718.11665A-100000@kilby.elee.calpoly.edu>
Source record: 211185

Nope, I still disagree. The main purpose of the DSP unit is to use a computer algorithm to create a "transfer function" that will knock out interference (such as the heterodyning). Modern transceivers are still susceptible to such types of interference. For instance, we can perceive a heterodyne as a "constant unchanging signal" while voice operation is obviously dynamic. Try putting some voice traffic near a carrier and see what I mean. Then switch in the RS DSP. 73's. Cal.

On Fri, 20 Oct 1995, Howard Lester wrote:

> In article <Pine.ULT.3.91.951020074124.11681B-100000@ohm.elee.calpoly.edu> you write:
> >Don't know what you're talking about. I have my RS DSP filter hooked to
> >my HQ-110. It is worth every penny. I have had great success in chopping
>
> That may be the difference: the HQ-110 is from the early 60's or even earlier,
> and the RS unit may work more effectively with that vintage technology than
> with currently made transceivers.
>
> Howard Lester KE7QJ
>

3246. Re: Wanted: tube specs for 6146B/W

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: rossi@VFL.Paramax.COM
Message-ID: <1995Oct20.151346.8896@VFL.Paramax.COM>
Source record: 211186
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

A simple substitution of a 6146B for a 6146A will not result in any
[substantial] increase in output. It will probably just last a little longer.

But, you can crank up the screen voltage (and even plate voltage) on the 6146B
a little and then then you can [safely] get a little more power compared to
a plain 6146.

6146W is simply a [mechanical] ruggedized version of the plain 6146. Intended
for stuff like mobile operation, etc.

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)
Valley Forge Engineering Center - Paoli, Pennsylvania

3247. Re: How about IC706,TS50,ALINCO DX70

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DGr1x1.MJo@iglou.com>
Source record: 211187

It said:

Ahso! Very Bad!
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3248. Re: IC-706 HF Rig Market response

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DGr20n.Mpy@iglou.com>
Source record: 211188

Does it have QSK? What about filters? 500hz cw filter?

:
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3249. Re: Military Communications Standards

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: bill.sorsby@dlep1.itg.ti.com
Message-ID: <468cqt$k9f@mksrv1.dseg.ti.com>
Source record: 211189

In article <466gt7$ju1@azure.acsu.buffalo.edu>, nitinn@acsu.buffalo.edu says...
>
>I was wondering if anybody out there knew anything regarding Military
>Communications Standards. The spec sheets say that it meets MIL-STD 810
>c,d and E. It has methods and procedures listed.

MIL-STD-810 is not a Communications standard. MIL-STD-810 is the military standard for "Environmental Test Methods and Engineering Guidelines". It is a large document - appears to be 300+ pages. The revisions C, D & E have numerous differences.

What the manufacturer is likely saying by referring to this standard is that the equipment is mil-qualified (i.e., tested) to some specific environments. This could be full mil-spec temp, humidity, etc. testing or it could be minimal testing for commercial-off-the-shelf equipment - all depends upon which tests are referenced.

If you need to know more, then you need a copy of MIL-STD-810. I don't have an address or phone number for you, but would guess that it shouldn't be hard to find info for the U.S. government printing office or the Department of Defense.

Regards,
Bill Sorsby, N5BU

3250. R-392 receiver power pinouts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <468u4n$rdo@crow.cybercomm.net>
Source record: 211190

Can someone please foward the power connector pinouts on the R-392 receiver
thanks,
WA2NHZ

3251. Apoligy to the Group

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: davidst1@aol.com
Message-ID: <467gch$vj@newsbf02.news.aol.com>
Source record: 211191

I've been down a few days, so it took a little while to post this.

I sent the "To the cowardly little net cop" message.
I posted a "for sale" to this group and the wretch
stuffed my mailbox full of filth using an anonymous remailer.

I don't apoligize to him; I did and do mean every word I said to him.

However, posting it here just because it's the only way to get the
message to the little sneek was inapproriate. I lost my temper
and I apoligize to the group for that childish display.

I will say this to the (thankfully few) wanna-be net cops. I knew
the charter of this group requested no "for sale" here. The first
time I did it, completely unaware that it was unwelcome, I received
several messages demanding and ordering that I not do it again.

I was not born to be intimidated by petty underlings. So I made
a point of posting "for sale" to this group every time thereafter.
Finally, this last time, *one* person had the common decency
to tell me in a civil manner "Our charter doesn't allow for sale
here. Please take it to .swap." This simple, decent request
from one user to another is all I could have asked for.
I can and will respect such a request and will no longer post such
messages here. You who would impose your will here
should take a lesson.

I again apoligize to the group for allowing my outrage to be
inappropriately expressed, and can only plead my humanity
in my defense.

Sincerely,
D. Stinson

3252. Re: NIR-12 DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-20 00:00:00 UTC
From: jimw@nando.net
Message-ID: <469a39$kji@castle.nando.net>
Source record: 211192

In <468a47$ers@news.duke.edu>, hpartin@acpub.duke.edu (Harry Partin) writes:
>I am considering the purchase of JPS Communication's NIR-12 Dual DSP
>unit. Will someone who has used it please give me an evaluation.
>Thanks.
>
>Harry
>WA4VTV

I bought mine last spring and use it a lot. It's been the difference between being able to make out what was being said and a noisy mess on many occasions. It won't put signal where none exists, but it's very good at blocking out adjacent signal squeel on ssb and really does well knocking down the static and crashing on 75m during the summer.

With maximum processing in use you will not get high fidelity voice, but you will be able to isolate that voice and tell what is being said. Sort of like listening to someone with a lot of voice compression.

The NIR-12 has so many processing options that you can almost always adjust it to get an intelligible audio signal. Just goes between your rig and an external speaker.

Good luck,
de Jim, N4SVZ
jimw@nando.net

3253. Re: How Good is TS-850 on CW?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DGt1nn.C39@iglou.com>
Source record: 211103

The 850 is an excellent cw rig. QSK is perfectly clean, no dot chopping. yes it tracks the cw monitor. I use the 940 here and have a sked with a fellow who uses the 850. He is blind and has "perfect pitch". He raves about the 850. BTW, I operate cw stricly QSK around 40 wpm usually so I know a bit about it. The Yeasu rigs all chop dots even the FT1000. I hear the new DSP model is better but will reserve opinion until I hear it.
73
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3254. 6146b neutralization---what does it do?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: tomas@ra.cgd.ucar.edu
Message-ID: <46b3tv$c1c@ncar.ucar.edu>
Source record: 211104

What does neutralization of a pair of 6146b tubes do?

bob

3255. an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: mfogarty@netcom.com
Message-ID: <mfogartyDGt3n9.FxL@netcom.com>
Source record: 211105
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.homebrew

Folks,

I'm new on the amateur radio scene and need some advice. I'll be going to Hong Kong soon and am interested in shopping for an HT. What can you advise me about:

* Brand
* available frequencies
* legalities
* costs

Even if you don't know anything about "export only" HT's or Hong Kong, I'd appreciate your responses about Brands and costs. I'm planning to spend about $400-500 in HK on such a unit.

I've got friends who will guide me through the licensing process and hook me up with the local Ham groups (Bay Area). I intend to go legit and certainly wouldn't want to break any laws by importing something with extra frequencies ;-)

Imagine, though, that you could pick up anything available in the $400-500 range. What would you get?

Thanks,

Mike

3256. Re: an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: timhynde@ix.netcom.com
Message-ID: <46b7s9$lmj@ixnews5.ix.netcom.com>
Source record: 211106
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.homebrew

>to Hong Kong soon and am interested in shopping for an HT. What can
you
>advise me about:

I'd save myselft the trouble and buy from a stateside distributor, I've heard of guys buying overseas HF gear with features or bands not avail. in U.S but I've never heard of any great bargains. What you save by shopping Hong Kong may cost you quickly if you have a problem or need an accessory for the radio.

I have a Kenwood Dual band HT and like it alot.

73, Tim ka8ddz

3257. Re: Need Code-A-Phone Remote Access Codes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: jphipps@aztec.asu.edu
Message-ID: <46bc0g$1h9@news.asu.edu>
Source record: 211107

My thanks to all who answered me in my quest for remote codes.
I've got what seem to work now, and am most appreciative of all
responses.

Thanks again!

John Phipps

3258. Re: MFJ available on inet?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: danderse@genie.esu10.k12.ne.us
Message-ID: <46bcig$889@news.nde.state.ne.us>
Source record: 211108

Gary McDuffie, Sr. (mcduffie@hannibal.wncc.cc.ne.us) wrote:

: The subject says it all. Is MFJ available via email or usenet?

: Gary McDuffie, Sr. - AG0N - Scottsbluff, NE
: Internet: mcduffie@hannibal.wncc.cc.ne.us
: Packet Radio: AG0N@AG0N.#WNE.NE.USA.NOAM

Try 76206.1763@compuserve.com - picked it up somewhere, but have
never tried it - gl/73
--
****
AMATEUR RADIO STATION NO0C
Tim L. Andersen "If you come to a fork in the road,
15 LaPlatte Road take it" - Yogi Berra
Kearney, NE 68847-4802 NO0C@WA0PXW.#SCNE.NE.USA.NA
U.S.A. ARRL DXCC Mixed and SSB Honor Roll
QSL Mgr for BV4CT 329 Worked/328 Confirmed/4 Deletions
Looking for: 3Y/B - A5 - P5 - VK0H - VK0M - VU4
****

3259. Re: *** 6 meter SSB/CW Handheld ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: Pete Dziomba <n2mci@mhv.net>
Message-ID: <46bd4s$pd8@over.mhv.net>
Source record: 211109

AEA also had one a few years back...(late 80's)

3260. Need manual for Icom 229A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: lumkes@cae.wisc.edu
Message-ID: <46bfra$1qcg@news.doit.wisc.edu>
Source record: 211110

Used radio, no manual. If someone can help me out that
would be great.

Radio: Icom 229A

Thanks alot, John
KG9EA
lumkes@cae.wisc.edu

3261. Midland 73-005 2M Handheld for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: jtomason@li.net
Message-ID: <46bg86$n98@linet02.li.net>
Source record: 211111
Cross-posted to: li.forsale,rec.radio.amateur.equipment

My friend Kirk, N2NBZ, is selling a Midland 73-005 2M HT.

It comes with a 5 watt battery pack, 2 watt battery pack, and a cigarette
lighter adapter. It is in perfect condition and he is asking $150.00
for it. Please contact him directly at 516-422-7434. You can leave
email with me for him if you like, jtomason@li.net.

--
--
** * JOE TOMASONE * **

GOD IS REAL;
UNLESS DECLARED INTEGER.

INTERNET: jtomason@li.net
WIRELESS: joet@dts.net
HOMEPAGE: http://www.li.net/~jtomason
AMPR AX.25: N2MUO@N2BQF.#NLI.NY.USA
AMPR TCP/IP: (CURRENTLY DOWN)

3262. Re: Icom IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: tbaltz@neosoft.com
Message-ID: <46a47j$heg@uuneo.neosoft.com>
Source record: 211112

Brett....

First of all, congrats on your ticket & welcome to the hobby!!!

You do realize that you can start using your HT and new callsign right away, don't you? To find your new callsign, point your WWW browser at http://www.ualr.edu/doc/hamualr/callsign.html and perform a search on your name. You're listed there with your new call....if you haven't got it yet, I don't want to spoil your anticipation! You can also call the FCC, they will tell you your call.

Secondly, I also have the Icom ZIA, so perhaps can help you out...

... The keyboard mod you described opening the RX is correct, most dealers, and ICOM as you've discovered, will give this out for the asking. I've been told it is a 'keyboard' mod & not default due to various governments that frown on having radios capable of receiving wide-band (scanner) frequencies....True or not, I'm not sure, just passing what I've heard.

... There is a hardware mod for that HT to open up TX to 130-160MHZ, and 400-460MHZ. You must remove D15 on the main logic board, which requires extreme skill with a soldering iron - its the size of a pinhead. Please email me if you're interested & I can guide you to the location of this component.

... No mod exists for this rig to open it up to 220....unless you want to redesign & replace many components to alter the VFO & related circuitry. Just not designed to get there.

... Even though the keyboard mod you performed for expanded RX displays 800-900MHZ, you will not hear very much there (cell phone band) because it is blocked in the USA version of this radio. Its now illegal for dealers in the US to sell radios easily modified to receive this band....a more complete discussion can be found in rec.radio.scanner.

... The RX mod also opens up the AM aircraft band, but I've found the performance to be weak when compared with cheap scanners covering the same frequencies. YMMV

... Go get yourself a decent rubber-duck antenna, the one that comes with it isn't all that good (really none are, but if you use the duckie, invest in a better one - they're not that expensive). You'll also want a second battery that will give you the full 5W out, or for fixed operation a power supply capable of 2-3 amps continous output. And by all means, start thinking about antennas you can build and put up (for pennies I might add) that will get your signal 'full quieting' on the repeaters, let you do

some simplex, or even DX when the conditions are right! I'm sure local hams around you will be glad to suggest many different, great designs...or check out rec.radio.amateur.antenna. for ideas!

Have fun, email me with any questions about your Z1A..
73 de KC5HEG Tom tbaltz@neosoft.com

In article <3082E8CC.4D6C@halcyon.com>, brett@halcyon.com says...
>
>I just purchased an Icom IC-Z1A transceiver. Is there anyone out there that would be able to talk
>to me a little bit about the features? I just passed my test on Saturday and would like to know how
>to take advantage of some of the features on the radio. Two things come to mind right away.
>
>I contacted Icom and got the Mod to open up the Rx frequencies. I can now receive from 60 MHz to
>299.90 MHz. Before the mod, it only received from 136-174. On the UHF side, it open it up from 300
>MHz to 999.90. Prior to that it only received from 400-470. I was amazed that it opened it up that
>much. First question. Why don't they just sell them this way? Is it because they weren't designed
>to receive those frequencies as well as the others?
>
>Second thing. How do I get it so I can transmit in the 220 range? Is there a physical mod that has
>to take place, or can I do it with the keypad?
>
<<<<<<<clip keyboard mod>>>>>>>

3263. HAL ST-6 RTTY Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: eafisher@atom.ecn.purdue.edu
Message-ID: <46bkar$l2@mozo.cc.purdue.edu>
Source record: 211113

W9YB, the Purdue ARC has a HA St-6 RTTY unit. We have the instructions for connecting to the rig and teletype unit. However we would like to attach it to a dumb terminal instead. Does anyone have any idea on the pin connections necessary to interface the RTTY unit to a dumb terminal? Any help would be greatly appreciated. Follow-up here or by E-mail.

Thanks & 73
Eric KE4USA

3264. Help needed RC-1000 Controller

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: "Robert J. Hall" <rjhall@mtu.edu>
Message-ID: <Pine.SUN.3.91.951021170555.28912D-100000@techsrv1.tech.mtu.edu>
Source record: 211114

Hello, The Michigan Technological University Radio Club is looking for some info on how to do a hardware reset on a RC-1000 repeater controller. Our problem is that our processer is not recognizing any of the "D" commands. The system is reading back all the dtmf digits using the readback function which tells me that the decoder is functioning properly. It will also accept the D7b and d7c programming codes properly but not any others. Perhaps this could be because the code that our manual says is supposed to come up D62 for the program code is not right?! If anyone has any answers I'd pay to hear them, otherwise I'll be forced to trash this controller. I've tried calling M.C.C. and they are out of business.
Thank You,
Rob Hall AA8LA
Chief Operator H.A.R.C.
rjhall@mtu.edu 1-906-487-0198 AA8LA@w8yy.#upmi.mi.usa.na 73

3265. Re: New MFJ 6 Meter SSB Rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <46akrv$lcb@news2.acs.oakland.edu>
Source record: 211115

andy (andy@clark.net) wrote:

: I think these little cheapie SSB/CW rigs are a great idea for the QRP
: fans. However, I am a bit surprised at their choice of bands. After having
: produced a 20 meter version, I would have guessed that a 10 or 15 meter
: unit would be next on the list, given that there may be a bit more
: activity on these bands.

Perhaps... but in the US I don't think they would find a larger untapped
market than the bajillions of new no-code techs itching to try something
other than 2M fm!

Ten Tec has the best thing going with their $100 transverter kit. Since
most of these new folk don't own a 20M rig need to "drive" the 6M
transverter, MFJ has stepped in with a reasonable alternative.

The only question is, what took SOMEONE so long to come up with the
alternative to the more pricier, albeit feature packed, japanese 6M
gear?

73 =paul= wb8zjl

3266. Re: *** 6 meter SSB/CW Handheld ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: slay@netcom.com
Message-ID: <slayDGtM8t.ID0@netcom.com>
Source record: 211116

Pete Dziomba (n2mci@mhv.net) wrote:
: AEA also had one a few years back...(late 80's)

I'm pretty sure that was the Mizuho MX-6S from Japan which they
probably sourced on an OEM basis.

73, WA6BXH

3267. Need help with ignition noise problem...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: mlazaroff@delphi.com
Message-ID: <xBLFQPE.mlazaroff@delphi.com>
Source record: 211117

I have a 1988 Chrysler LeBaron with the 2.2L
turbocharged 4-cyl engine.
I've been unsuccessful in ridding it of ignition noise
in my HF mobile setup (FT900 with screwdriver antenna).
Even the AM broadcast radio suffers from the noise.
It does appear to be ignition noise, as it is the classic
"popping" and "hash" that varies with engine speed.
There is no alternator whine. The noise is not present
when the antenna is disconnected (i.e., it's being picked
up by the antenna and not coming in thru the power leads).
The rig's power cable is wired directly to the battery with
heavy, high-quality wire.

I've done the following so far:

new resistor plugs and cables
coaxial feed-thru caps on the ignition leads and alternator
bonding straps on the engine, hood, trunk, exhaust system,
doors, fenders, and bumpers

Starting the engine increases my noise level from S0/S1
to S4/S5. It's worst on 10, 15, and 20. There seems to be
little problem on 75 and 40; the rig's noise blanker eliminates
the noise there but is only partially effective on the higher
bands. With the noise blanker off, the noise is S7 and makes
mobile operation effectively impossible.

Out of the several cars I've operated mobile from, this is the
first one (and hopefully the last!) that has defied my efforts
to
"quiet it down". Anyone out there have any ideas/suggestions
other than the obvious "get rid of it and buy another car" :)?

73, Mike KB3RG

3268. Info Needed on VE3YRC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: sdavid@terraport.net
Message-ID: <46c9sq$i5h@archangel.terraport.net>
Source record: 211118

I am looking for any information on the York Region Amateur Radio Club.
Any info on club contacts and meetings will be appreciated.

Thanks in Advance,
Shiv.

3269. Re: YAESU 708R questions.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <46brea$g27@ixnews7.ix.netcom.com>
Source record: 211119

In <469phs$ilp@panix.com> amencke@panix.com (Andres Mencke) writes:
>
>
>I have the following questions about a YAESU 708R 440MHz HT:
>
>1) What is the amperage of the fuse in the battery charge
> circuit? I refer to the fuse internal to the radio,
> not to the battery charger.
>2) Is it possible to install a PL option and control the PL
> tone from the keypad?
>3) The squelch knob has a switch to a setting labeled "tone".
> What does that do?
>4) Is it possible to temporarily turn of the "beep" sound that
> emanates whenever a number is entered on the keypad or
> when in scanning mode it finds a channel.
>
>Any helpful hints will be very much appreciated.
>
>73, N2TYZ (Andres) E-mail: amencke@Panix.Com
>
Hi Andres,

1. The internal fuse should be replaced w/ a 5 amp pico type fuse. It looks like a resistor.

2. You can add a PL option (Comm Spec TS-32P) but it is fixed to 1 CTCSS tone and is not programmable from the keypad.

3. The top "tone" setting runs the receive audio through the optional CTCSS board.

4. All of this information is available from Yaesu technical support. They even have a sheet that shows how to install the optional CTCSS board. The FT-708R owners manual is available from Yaesu and it includes all of the above infomation. (310) 404-2700.

73's

Kevin

3270. Re: Jimmie "The Tube Man" Hawkins - What to do in this situation?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DGu8G9.50r@eskimo.com>
Source record: 211120

In article <465r1u$3k3@newsbf02.news.aol.com>,
grauzer@aol.com (Grauzer) wrote:
>In an effort to save some money, I bought EL34 output tubes from Jimmie
>Hawkins, usually a seller of ham radio tubes at Southern California swap
>meets. I received the tubes mail order, having been told they were new.
>The tubes were blackened at the tops, clearly had been used, and when I
>called him, I was told that they are new, but I should try them, and if I
>don't like them, to return them and I'd get my money back. I tried them,
>blew fuses in my amp, and sent them back. He told me I had blackened the
>tubes, he could no longer sell them and sent them back to me. Have any
>others had problems with this guy? Perhaps at this point, the most I can
>do is tell others to be wary when dealing with him, so that someone else
>doesn't also get screwed.
>Dave

Not trying to defend 'ol Jimmie, but "blackened" is normal for nearly all
receiving tubes. Not always at the top, but always there somewhere. As part
of the manufacturing process, they induce a high current pulse into a part
inside the tube known as a "getter", and it flashes and burns up any stray
gas, thereby increasing the vacuum. The black stuff is the vaporized getter.

If a tube loses it's vacuum, the black part will turn gray -- a sure sign of a
bad tube. If that's what you have then yes, they're no good.

73, Bill W7LZP
wrt@eskimo.com

3271. Re: Dead Tubes? ? ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: scibelli@ix.netcom.com
Message-ID: <46bhjh$b3m@ixnews7.ix.netcom.com>
Source record: 211121

>On 18 Oct 1995 18:13:19 GMT, Floyd Sense <sentek@nando.net> wrote:

>>Check the output power on 10 meters. If it's not up to spec there but is
>>on the lower bands, you may need new finals. If you don't have a
>>reliable watt meter, use a 100 watt light bulb as a dummy load and fire
>>it up on 10 meters. If it appears to be fully bright, you're probably
>>OK. 6146Bs tend to last a long, long time if not abused.

Does this work for transistor rigs as well? My IC735 is now only
putting out half power on 10, 3/4 power on 12 and full power on the
other bands.

73's

Chris NU1O

---
scibelli@ix.netcom.com
sjs1994@delphi.com

3272. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <46b91f$oul@vivanews.vivanet.com>
Source record: 211122

Jim Sollows (jsollows@direct.ca) wrote:
: anonymous-remailer@shell.portal.com wrote:
: >Just a reminder. Please use Rec.Radio.Swap for all sales and purchases
: >of equipment.

: Just a reminder. Not everyone can get rec.radio.amateur.swap so this
: may the the only alternative. And on that note...I am looking for a 2
: meter mobile if you have one for sale :)

That's because there *isn't* a rec.radio.amateur.swap. There is,
however, rec.radio.swap, if you want to buy/sell equipment.

--

Rich Mulvey, aa2ys Rochester, NY USA
mulveyr@vivanet.com
aa2ys@net.wb2psi.ampr.org
aa2ys@wb2psi.#wny.ny.us

3273. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <46b93j$oul@vivanews.vivanet.com>
Source record: 211123

Mark Johnson (mjjohn5@lookout.mtt.it.uswc.uswest.com) wrote:
: In article <461uo6$lo6@nntp.crl.com> danb@a.crl.com writes:
: >
: > There is no rec.radio.amateur.swap; the FS/Wanted group is
: >rec.radio.swap. Even though this guy's a coward, he's right.
: >
: Hi Dan,
: There is a rec.radio.amateur.swap on my server but I have a feeling it
: does not exist on very many servers because I very seldom see any
: traffic on it. It may need to be re-created. If you don't get it on
: your system just e-mail the postmaster or system admin and ask about it.

Sigh. It's not a real group. Use rec.radio.swap.

Rich Mulvey, aa2ys Rochester, NY USA
mulveyr@vivanet.com
aa2ys@net.wb2psi.ampr.org
aa2ys@wb2psi.#wny.ny.us

3274. Re: How Good is TS-850 on CW?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: cph@zurich.ai.mit.edu
Message-ID: <469git$p1g@GRAPEVINE.LCS.MIT.EDU>
Source record: 211193

jgardner@netcom.com (Jerry Gardner) wrote:

> I'm thinking of getting a Kenwood TS-850S/AT and I'm wondering how its
> CW performance is. I operate mostly CW and a lot of current-generation
> HF rigs seem to work rather poorly on CW. How is the break-in? Filters?
> Is full break-in usable, or does it chop the first element like most
> rigs do? Is the offset/side tone adjustable (I prefer 400 Hz) or fixed?
> If the offet is adjustable, does the sidetone track it? What about spotting
> provisions?

I've had one of these for about 18 months, and I use it almost exclusively on CW. My overall opinion is that it is an excellent CW radio -- but despite that there are still some areas in which it could be improved. Nevertheless, I think it is the best CW radio in its price class; I've compared it to the Yaesu FT-990, and my conclusion is that the Yaesu has a better user interface, but the Kenwood has superior performance, particularly in its selectivity.

In response to your questions:

* Full break-in is quite usable. There is a small amount of element truncation, but it isn't serious; see the QST review for the scope photo. I've been told it sounds fine on the air, but I use the compensation adjustment in my keyer to add 5 msec to the elements. Note that the radio doesn't have first-element truncation, but all-element truncation. This is actually an advantage because this means lengthening all of the elements uniformly fixes the problem -- and this is exactly what the compensation adjustment does.

* Filtering options are excellent: there are provisions for two filters in the 8.83 MHz IF and one filter in the 455 kHz IF. I use a matched pair of 400 Hz filters that I got from IRCI; they work very well. Someday I will get an additional 250 Hz filter for the 8.83 MHz IF. Meanwhile, the slope tuning allows me to narrow the bandwidth down as much as I like, at the cost of some blowby with very high strength interference.

The main problem with the filtering is the user interface: switching from wide to narrow filtering requires two button presses (assuming you have two narrow filters), but switching from narrow to wide requires SIX! Kenwood could have done much better in the user-interface design. There's a project article from QST a few years back that describes how to build an add-on box with one-button filter selection; it's programmable so you can choose filter selection and slope-tuning settings, then reselect them later with a single button press. This fixes most of the trouble with the interface, but it will

cost about $75 to build it.

* Offset is adjustable from 400 Hz to 1000 Hz in 50 Hz increments, and the sidetone tracks it. This is adjusted by a front-panel menu that is very easy to use.

* Spotting is done by disabling break-in and keying the rig, which keys the sidetone without transmitting. Not as nice as the Yaesu "spot" button, but usable. Again, this is an area where the user interface design is lacking.

3275. Re: How about IC706,TS50,ALINCO DX70

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <469jva$lmu@tilde.csc.ti.com>
Source record: 211194

In article <DGr1x1.MJo@iglou.com>,
n4lq@iglou2.iglou.com says...
>
>
>It said:
>
>Ahso! Very Bad!
>--
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

Not exactly, Steve.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

3276. WANTED KENWOOD ON LINE TECH SUPPORT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: bm783@freenet.buffalo.edu
Message-ID: <DGs68p.5GK@freenet.buffalo.edu>
Source record: 211195

Does any one have a URL: for Kenwood ham gear tech support.
TNX KG8AU.

3277. Want: Service manual for TM-2570A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: nadzam@garlic.com
Message-ID: <46b007$k0c_001@nadzam.garlic.com>
Source record: 211196
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Subject says it all, I need a service manual for the Kenwood 2 meter
radio "TM-2570A". If you have one, even a copy I'll buy it.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

3278. Re: Dead Tubes? ? ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <46avto$vl@nlcnews.nlc.state.ne.us>
Source record: 211197

On 18 Oct 1995 18:13:19 GMT, Floyd Sense <sentek@nando.net> wrote:

>Check the output power on 10 meters. If it's not up to spec there but is
>on the lower bands, you may need new finals. If you don't have a
>reliable watt meter, use a 100 watt light bulb as a dummy load and fire
>it up on 10 meters. If it appears to be fully bright, you're probably
>OK. 6146Bs tend to last a long, long time if not abused.

Not necessarily. Other things have to be correct before this is a valid test.
In fact, most (yes, MOST is the proper word) of the rigs I have seen that used
the 12by7/6146 lineup aren't aligned properly and don't have enough drive to
reach normal output power on 10m. Further, most people don't tune them
properly.

-IF- you have good ALC showing at all times while tuning, AND you are tuned
properly for maximum output (and should also be properly neutralized), the
above test should work as a good indicator, assuming proper alignment.

Gary McDuffie, Sr. - AG0N - Scottsbluff, NE
Internet: mcduffie@hannibal.wncc.cc.ne.us
Packet Radio: AG0N@AG0N.#WNE.NE.USA.NOAM

3279. MFJ available on inet?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <46avtq$vl@nlcnews.nlc.state.ne.us>
Source record: 211198

The subject says it all. Is MFJ available via email or usenet?

Gary McDuffie, Sr. - AG0N - Scottsbluff, NE
Internet: mcduffie@hannibal.wncc.cc.ne.us
Packet Radio: AG0N@AG0N.#WNE.NE.USA.NOAM

3280. Re: Alinco DJ-580 mod. Questi

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.SOL.3.91.951021094127.29253F-100000@qni.com>
Source record: 211199

It works for me here.
Make sure your step is set to
25
then give it another try

Gary Watts de N0OXV
Kansas City Mo
81 GL1100I

On Thu, 19 Oct 1995, John Palinkas wrote:

> I have modified my DJ-580. When I enter a local police frequency such
> as 851.4125 the Alinco will not take it. I get 851.4.1 and not the 25.
> As you can see it puts in 2 decimal points instead of one. Is it the
> step that won't allow this to take it. I thought the radio would take
> all 800mhz freqs. when modified. Please respond if you can set me
> straight on this. Thanks John, KB8YTB.
>
> _ _ ---
> |_|_| PC-OHIO PCBoard OIS pcohio.com HST 16.8: 216-381-3320
> |_|_| The Best BBS in America Cleveland, OH V34+ 33.6: 216-691-3030
> ---
>
>

3281. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: marcw@kaiwan009.kaiwan.com
Message-ID: <46b1sg$ei3@kaiwan009.kaiwan.com>
Source record: 211200

As I have not seen the faq for this group, can someone (besides anonymous) tell me if it does include not posting Wanted messages too? Is it OK to post a wanted message for a manual, but not the radio that the manual is for? Just curious.

Regards,

-Marc
KC6VUP

3282. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: nelson@fdt.net
Message-ID: <46b2qj$6gv@obi-wan.fdt.net>
Source record: 211201

I have a Phillips AM-FM Deluxe radio with five short wave bands. It is about twenty years old and has developed a whooshing noise on all bands all the time. I live in Gainesville Fl. I don't think there is a radio repair store in town. Can old radios still be repaired? or do I have to junk it?

3283. WTB old telegraph

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-21 00:00:00 UTC
From: nmcewen@fohnix.metronet.com
Message-ID: <46b3ut$r91@fohnix.metronet.com>
Source record: 211202

Hello,
I am looking for old Vibroplex bugs for my collection. Also interested
in off-brand bugs, hand keys and pre-1920 telegraph instruments. Will
purchase or trade my duplicates.
--

73 de K5RW - Neal McEwen - Richardson, TX (Dallas)
******** I collect old telgraph and wireless telegraph keys *********
HomeNet - nmcewen@metronet.com - OS/2 tcp/ip SLIP
HomePage - http://fohnix.metronet.com/~nmcewen/techno_weenies.html

3284. Re: Need help with ignition noise problem...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct22.053904.29306@ke4zv.atl.ga.us>
Source record: 211053

In article <xBLFQPE.mlazaroff@delphi.com> mlazaroff@delphi.com writes:
>I've done the following so far:
>
>new resistor plugs and cables
>coaxial feed-thru caps on the ignition leads and alternator
>bonding straps on the engine, hood, trunk, exhaust system,
> doors, fenders, and bumpers

Have you replaced the distributor *cap*. Often, carbon tracking
in the cap is the source of ignition noise. (Of course this could
be one of those engines with no distributor, but it's worth a shot.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3285. Performance of JPS ANC-4?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: rmccarty@deltanet.com
Message-ID: <rmccarty.102.00101E3D@deltanet.com>
Source record: 211054

Has anyone used the JPS ANC-4 noise blanker?
Your opinion?
Does it perform as advertised?

Thanks

Roger KD6CC

3286. Re: HAL ST-6 RTTY Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct22.154940.1418@ke4zv.atl.ga.us>
Source record: 211055

In article <46bkar$l2@mozo.cc.purdue.edu> eafisher@atom.ecn.purdue.edu (Eric A. Fisher) writes:
>W9YB, the Purdue ARC has a HA St-6 RTTY unit. We have the instructions for
>connecting to the rig and teletype unit. However we would like to attach it
>to a dumb terminal instead. Does anyone have any idea on the pin connections
>necessary to interface the RTTY unit to a dumb terminal? Any help would be
>greatly appreciated. Follow-up here or by E-mail.

Remember, you are dealing with 5 unit *Baudot* signals. The dumb terminal probably only speaks ASCII. Now if you want to do ASCII RTTY, you can probably make this work, but you won't be able to communicate with the more numerous stations running Baudot RTTY. Baudot RTTY is normally done at 45.5 baud (60 WPM) while ASCII RTTY is normally done at 110 baud. That means the loop constants in the slicer of the ST-6 will be wrong and will need to be changed for best results. As to the interface between the dumb terminal and the ST-6, if the terminal is old enough to have a 20 ma current loop interface, you're set. Just wire the current loop. But if your terminal is newer than that, you're going to have to build a circuit to convert from current loop to RS-232.

I expect you really want to be able to do Baudot RTTY. In that case, you need a *code converter* between the TU and the terminal. There used to be one in the Handbook, but I haven't looked for it in recent editions. This is a single chip microprocessor programmed to convert between Baudot code and ASCII via a lookup table. Such things have fallen out of favor since the advent of cheap PCs. You can do the code conversion in software inside a PC.

The ST-6 is a great old TU, and works well on standard 45.5 baud Baudot RTTY, but I think you're biting off more than you want to chew trying to get it to talk to a dumb terminal. You'd be better off scrounging an old PC for the job.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3287. Re: Dead Tubes? ? ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct22.160505.1528@ke4zv.atl.ga.us>
Source record: 211056

In article <46bhjh$b3m@ixnews7.ix.netcom.com> scibelli@ix.netcom.com (Christopher Scibelli) writes:
>>On 18 Oct 1995 18:13:19 GMT, Floyd Sense <sentek@nando.net> wrote:
>
>>>Check the output power on 10 meters. If it's not up to spec there but is
>>>on the lower bands, you may need new finals. If you don't have a
>>>reliable watt meter, use a 100 watt light bulb as a dummy load and fire
>>>it up on 10 meters. If it appears to be fully bright, you're probably
>>>OK. 6146Bs tend to last a long, long time if not abused.
>
>Does this work for transistor rigs as well? My IC735 is now only
>putting out half power on 10, 3/4 power on 12 and full power on the
>other bands.

You need new 6146s in your IC735! :-)

Transistor finals generally don't "go soft" the way tubes do, so this test isn't very useful for transistor rigs. Your symptom could be the result of reduced PA gain, due to an internal emitter ballast resistor failure, but it's probably another cause. You might check the bandpass filter switching in the rig for the two highest bands. And you might want to look at the drive level from the low power stages. A hint to where the trouble may lie would be whether this condition appeared suddenly or had a gradual onset.

There may also be no problem with the rig at all. It may be doing power foldback due to VSWR on the two highest bands. Are you testing into a known good dummy load? No tune rigs won't work well at all using a lightbulb for a dummy load. It's not even close to their design output impedance. Lightbulbs work fine as crude loads on the older rigs with tune and load controls, but not on the no tune rigs. They have to see the right impedance, or they'll foldback power.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3288. What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: d90thoah@ida.liu.se
Message-ID: <d90thoah.814320083@news>
Source record: 211124

Hello!
I would like to how much a Kenwood HF rig costs in the US.

Can you give me a clue? Its not necessary to tell me where to get the
cheapest rig - I just want to know the approximate price.

I'm interested in the following rigs:
Kenwood TS-450AT, TS-850AT and TS-870.

Tnx in advance & 73

de Thomas / SM5VOH

Internet: d90thoah@und.ida.liu.se
AX25: SM5VOH@SK5AS.E.SWE.EU

3289. Re: 6146b neutralization---what does it do?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: Floyd Sense <sentek@nando.net>
Message-ID: <46c4tv$g3v@castle.nando.net>
Source record: 211125

The purpose of neutralization of any rf amplifier stage is to balance out effects of the grid-plate capacitance coupling in the amplifier. One of the effects of an un neutralized amplifier is the possibility of the stage breaking into oscillation. I suggest that you follow the neutralization procedure described in the transmitter manual. It's not a difficult thing to do.

3290. Re: Kenwood TS-820

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: Floyd Sense <sentek@nando.net>
Message-ID: <46c59q$g3v@castle.nando.net>
Source record: 211126

The price is good. Wonder if it's a TS-820S with the digital readout? The digital readout circuit board was troublesome with poor solder connections and often requires some work to make the display function. You might want to contact Internation Radio in Port St. Lucie, Florida. They used to publish a Kenwood Users newsletter and used to sell a collection of the newsletter articles that dealt with the TS-820 specifically. There were a lot of shortcomings with the rig, but the suggestions in the newletters go a long way towards making it a very good rig. There was also an article or two in CQ or QST in the early eighties. One of them dealt with adding the WARC bands to the rig. Not for the feint of heart, but I was able to do the mod and it worked very well. International Radio also used to sell good SSB and CW filters for the rig. They also repair Kenwood gear. 73, K8AC in North Carolina

3291. Want manual for AN/USM 117C OSCOPE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: gcouger@jsun.agen.okstate.edu
Message-ID: <46c328$5uv@news.cis.okstate.edu>
Source record: 211127

I have a couple of these scopes and need the manual to fix one of them.

Thanks
Gordon
AB5DG

Gordon Couger - Biosystems & Ag Engineering Oklhoma State Univ.
114 Ag Hall, Stillwater, OK 74078
Home 624 Cheyenne, Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405-624-2855 evenings 405 744 8392 work
I do not speak for my employer

3292. Need Mod for ICOM IC-T22A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: john_aylesworth@ccmail.com
Message-ID: <john_aylesworth-2110952155030001@ad32-154.compuserve.com>
Source record: 211128

Just got a few IC T22A's and need the modifications to transmit out of the 2M band. The ICOM rep showed a unit that received as low as 118MHz, and I need to transmit just below and above the 2m band. Thanks! -- John

3293. Re: Updated WWW Site

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: bob@ultranet.com
Message-ID: <46ejd9$1m@caesar.ultra.net>
Source record: 211129
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

amsoft@epix.net wrote:

>The AmSoft web page "http://hamster.business.uwo.ca/~amsoft/" has
>been reworked. It is now the Mother of all WWW sites for Amateur
>Radio. Connect to over 125 ham sites direct from the front page.
>New HTML work includes online forms, plenty of color and lots of
>FUN! It could be addicting using our page.

Thanks for the info Pet, hope you can ignore ignorant comment
by Jim Strohm.

Bob

3294. fixing swan 250c

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: "Mark J. Acierno" <acierno@teclink.net>
Message-ID: <46dknq$b08@felix.teclink.net>
Source record: 211130

I bought a swan 250c about a year ago fram a ham in TX that swore that the unit worked "the last time I turned it on" wellllll it got here and didn't work. Being a student I didn't have the money to fix it (and really, I still dont) Is it worth fixing or should I be looking at a new mfj 6 m rig?? and who would I even contact about fixing it ?□are there people that fix these older units at a reasonable cost - I still have education bills to pay!□□

thanx
mark

3295. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: marcw@kaiwan009.kaiwan.com
Message-ID: <46dkv7$810@kaiwan009.kaiwan.com>
Source record: 211131

Marc K. Whisman (marcw@kaiwan009.kaiwan.com) wrote:
: As I have not seen the faq for this group, can someone (besides anonymous)
: tell me if it does include not posting Wanted messages too? Is it OK to
: post a wanted message for a manual, but not the radio that the manual is
: for? Just curious.

Even though I specifically asked Mr/Mrs Anonymous Not to reply, he/she
sent the faq to my email box (anonymously) and never answered my question
about posting a "wanted" message for a manual. Fortunately, some one else
who is not in hiding gave an answer. It seems that it's OK to post a
wanted message for a manual, but not OK to post a wanted message for the
radio the manual was written for. Doesn't make sense to me but if that's
the way the newsgroup is run...

As for the person that won't identify
him/her self: Posting anonymous messages only makes the situation worse,
and is NOT in keeping with this group's purpose; Discussion of equipment.
An interesting situation; Don't post FS or WTD, 'cuz it's not what
the group is for, but do post anonymous messages telling people not to post
FS or WTD. Nah... No one is really that that mentally challenged.

-Marc

3296. Tokyo Hy-Power 70 cm HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: David Coniglio <conig002@acpub.duke.edu>
Message-ID: <Pine.SOL.3.91.951022104937.19856B-100000@godzilla.acpub.duke.edu>
Source record: 211132

Some time ago I was given a Tokyo Hy-Power Model HT-7 70 cm HT. It has never worked. I wonder if anyone has an operating manual/service manual/schematic for this rig, or has thoughts on how I can locate them. I'm interested in getting into the "innards" and fixing it.

Please e-mail responses to: conig002@acpub.duke.edu

Thanks and 73 de David, KJ4YS

3297. IC-706 VHF Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: "Stephen C. Gross" <sgross@enet.net>
Message-ID: <46dnqi$lqn@maple.enet.net>
Source record: 211133

I need the mod to allow out of band transmit on VHF for the IC-706.
I have already done the HF mod.

-steve

Stephen C. Gross
Pilot B737
America West Airlines

3298. Re: How Good is TS-850 on CW?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: hgoldste@bbs.mpcs.com
Message-ID: <46drjh$s8u@news1.mpcs.com>
Source record: 211134

On Fri, 20 Oct 1995 18:31:26 GMT, Jerry Gardner <jgardner@netcom.com> wrote:
:
: I'm thinking of getting a Kenwood TS-850S/AT and I'm wondering how its
: CW performance is. I operate mostly CW and a lot of current-generation
: HF rigs seem to work rather poorly on CW. How is the break-in?

Excellent

: Filters?

Kenwood's 270hz filter works great

: Is full break-in usable, or does it chop the first element like most
: rigs do?

Usable to at least 45wpm; haven't tried past there

: Is the offset/side tone adjustable (I prefer 400 Hz) or fixed?

Adjustable

: If the offet is adjustable, does the sidetone track it?

Yes

: What about spotting
: provisions?

Well no spot button but if you disable vox and keydown you get a sidetone
to beat against the other station.

(I use my 850S in 99% cw mode)

Infant mortality claimed the rf front end but the service was fast and
effective. Having an intermittent problem now though on receive, I think
the T/R relay is dirty as on some power ups the rcvr is dead until I
transmit. Overall I'm quite pleased with the unit.

--
Howard Goldstein <hg@n2wx.ampr.org> http://www.tapr.org/~n2wx/

3299. Re: *** 6 meter SSB/CW Handheld ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: babineau@bnr.ca
Message-ID: <46dua9$cjv@bmerhc5e.bnr.ca>
Source record: 211135

In article <slayDGtM8t.ID0@netcom.com>, slay@netcom.com (Sandy Lynch) writes:
|> Pete Dziomba (n2mci@mhv.net) wrote:
|> : AEA also had one a few years back...(late 80's)
|>
|> I'm pretty sure that was the Mizuho MX-6S from Japan which they
|> probably sourced on an OEM basis.
|>
|> 73, WA6BXH
|>

I would agree. Comparing my 17M Mizuho with the pictures and specs for
the AEA radios (from old CQ), they seem to be identical.

Incidentally, Ramsey still had a few Mizuho's a few months back, which is
where I picked up mine. Choice of bands was very limited, accessories non
existent. They bought out the remaining stock from J-COM.

Disclaimer: I have no ties to Ramsey whatsoever.
--
++
+ Michael Babineau, Bell Northern Research +
+ Ottawa, Ontario, Canada +
+ babineau@bnr.ca +
++

3300. Re: Kenwood TH28 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: ag368@FreeNet.Carleton.CA
Message-ID: <DGv1I0.B60@freenet.carleton.ca>
Source record: 211136

Stan Holmes (Stan@tri.eskom.co.za) writes:
> Hi can anyone tell me how to modify the TH28 to increase the AM
> air band down to 100Mhz. At present it starts at 118Mhz.
> Thanks
>
> Stan@tri.eskom.co.za
>
>

I know of no mod personally, but I am curious as why you would be interested in being able to access below 118Mhz. Air band comms start at 118Mhz, below that are the Localizer and VOR frequencies. All you would hear there are CW idents. Transmitting there will bring the wrath of the FCC, FAA and others.

73
Mark
VE3MJB
Flight Inspection Officer
MOT

3301. HAM RADIO FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: jmgerin@fox.nstn.ca
Message-ID: <46dvur$bo@Owl.nstn.ca>
Source record: 211137

FOR SALE

1993 YAESU HAM RADIO

• 1 HF Transceiver YAESU FT-990. 100 watts output on all HF Ham frequencies.
Lots of features including: CW; SSB; FM; RTTY; PKT; & 25 watts in
AM. Heavy Duty. 39 memories, high speed antenna tuner,
RX Antenna, AC/DC power supply, portable, etc.
• External Speaker YAESU SP-6. Audio filters for high-low pass with large loud
speaker. 12 different audio combinations. 2 input terminals.
Headphone jack.
• 1 Dynamic Microphone YAESU MD-1. Desk-Top microphone. Includes
up/down scanning functions & large PTT switch with latch.
• Manuals included
Excellent condition AAA. Like new. Only asking CA $ 2,000.00.
Contact Jacques (VE3JGO) <jmgerin@fox.nstn.ca>
Tel: (613) 837-8842. Fax: (613) 837-8844.
Orleans, Ontario CANADA

3302. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDGv47M.8FD@netcom.com>
Source record: 211138

Mark Johnson (mjjohn5@lookout.mtt.it.uswc.uswest.com) wrote:
: Actually in a formal newsgroup (any newsgroup outside of the .alt groups)
: the FAQ normally serves to set up the guidelines of the group. These
: are the guide lines that got the group started on a formal basis in the
: the first place. Now if the FAQ says we should not post FS type
: messages then most people will try to respect that. But, IMHO, we
: should not get overly up-tight when new user posts a FS before they have
: seen the FAQ or every time someone sends an accasional ad.
: In fact the respectful thing to do would be to send the poster a polite
: e-mail message saying that this is not the proper group to post FS on.
: Flaming the poster on the news group is just a waste of bandwidth.

Good job, Mark; very well said. Flaming the poster on the newsgroup only invites more flaming and prolonged discussion. I would say that most of us who have taken the time to read the FAQ and read the newsgroup to get a "feel" for the temperament of the group, will respect the charter. A lot of this problem arises with the prevalence of a lot of newbies on the net, particularly from providers like AOL and Prodigy, ISPs to the great unwashed masses. Those of us who have been around the net for a while know automatically to look for a FAQ or charter when visiting a new newsgroup.

: If rec.radio.swap has become to full of non ham equipment, and most
: people can't get rec.ham-radio.swap then maybe a new group should be
: started. And maybe until it can be started we could relax a bit and let
: the ham FS posts be put here. They are far less annoying than
: anonymous
: posts from gut-less wonder wanna-be net gods. But hey, this is no
: different than being on the air. We can find lids anywhere.

I suggested starting a new group, maybe rec.radio.amateur.forsale awhile back, for a couple of reasons. First, the .forsale naming convention fits a pattern common among newsgroups. Second, the .swap name, while it fits well with the concept of a swapmeet, is not as intuitive as .forsale, as to the purpose of the newsgroup. Also, rec.radio.swap suggests that any type of radio equipment can be bought or sold, not just ham radio gear. I would like very much to see a new group created in the rec.radio.amateur hierarchy that was confined to buying or selling ham radio gear and closely related items only. In other words, if it is not used to facilitate or maintain the operation of a ham radio station, it does not belong there. For instance, test equipment would be OK, since it it used to maintain the equipment. Similarly, tubes, parts, antennas and the like would also fit in well.

Hoping to keep a group that organized is a dream, unfortunately.

At the time that I made the proposal, I received very little response, so I doubted that it was worth the time to go through the formalities of the RFD

and CFV processes necessary to create a new newsgroup. This was probably due to the fact that the thread was getting pretty tired by then, as is this one.

While the original poster here was polite with the request and followups, I resent anyone trying to control this, or any other newsgroup. Unless the group is moderated, it just is not the "net way." A cowardly posting from an anonymous site just made a bad situation worse.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

3303. NEED: IC-25A manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <46e6pl$q0n@acme.freenet.columbus.oh.us>
Source record: 211139

Hi gang. I'm looking manual for the ICOM IC-25A 2 m radio.

Will appreciate for any help.

73! Sergei

AA8OT/5, UA3AP

3304. IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9510222046.AA20001@haldir>
Source record: 211140

```
----- Transcript of session follows -----
421 Host iglou.2.iglou.com not found for mailer ddn.
550 <n4lq@iglou.2.iglou.com>... Host unknown

----- Unsent message follows -----
Return-Path: <aust@gandalf.sp.trw.com>
Received: from haldir (haldir.sp.TRW.COM) by gandalf.sp.trw.com (4.1/SMI-4.1)
id AA01857; Sun, 22 Oct 95 13:18:53 PDT
Received: by haldir (4.1/SMI-4.1)
id AA19998; Sun, 22 Oct 95 13:19:14 PDT
Date: Sun, 22 Oct 95 13:19:14 PDT
From: aust@gandalf.sp.trw.com (Mike Aust)
Message-Id: <9510222019.AA19998@haldir>
To: n4lq@iglou.2.iglou.com
Subject: IC-706

Yes,
The rig does QSK, break-in CW, 250, 500hz cw and narrow SSB filters
for the IC-706 are available from Icom.
The rig works comparible to the Kenwood TS-50, it's no
FT-1000 from the standpoint of IP3 intercept point, but neiher
was the TS-50.
It a great rig for mobile, instalattion's with verticals and dipoles,
If you put it behind a 5/6 element 20meter beam in a contest, you may feel
you need a better SSB filter, but the TS-50 was the same way.
It has an RF and IF attenuator to keep the IF from getting saturated
in a strong signal band.
It will overload , my TS-50 also did overload, i.e. 80 and 160 meters, but
when I used the Kenwood AT50 Antenna Tuner with the Kenwood TS-50, it was pretty
good.
When I tried the Icom 706 HF rig with my extenal Kenwood AT-50, It remained
about the same as the TS-50, no real complaints,
These small radio's have a lot of IF gain to remain sensitive for mobile,
small antenna situations. If you put the Kenwood TS-50,IC-706, and Alinco
DX-60 on Antenna's with about 10dB gain, they start to saturate the IF, and
that's were the 10dB are need Attenuators come in.
If you saturate the IF on any of these Radio's, the Noise Blankers
act differently.
If your after a high level intercept radio, for a low price, the Yaesu FT-900,
seems great, I have one. If you have more money, a FT-1000 is better.
It really depends on you activities, if your a DX chaser, the TS-50,IC-706,
and Alinco DX-70 may disapoint you. But if you the average ham with a diople,
mobile antenna, or plain vertical, It seems to be a good radio.
Only real thought is the audio is not that great thru the tiny Speaker, but neither was my
Kenwood TS-50.
```

If your looking for an FT-1000 , 130dB Dynamic range with a $30,000 Spectrum Analyzer similar to Hewlett Packard, then I suggest you buy an FT-1000 and a $30,000 Spectrum Analyzer.
For the Price ~$1250, for the average ham in portable, small Antenna operation, its good, if your expectations are of a $2500 -$4000 DX rig with Spectrum Analyzer, then look elsewhere!
I would recommend the external Tuner AT-180 with the IC-706, but so far I have not seen one out yet in the stores!
Also the General coverage is 30Khz to 120Mhz. Icom has got alot of heat about its initial statement of 30KHz to 200MHz. The Permance above 120MHz is lacking, untill you reach the 144-148MHz ham band, If your expecting a Police Scanner, aover 155MHz, do not, Icom purposely put in a narrow-band filter to kill the image response Image = 2(LO)-RF.good small SSB all mode for 2 meters/6meters as extra's withe the normal HF bands.
I would say the IC-706 works like the Kenwood TS-50 , but has extra's like 6meters, 2meters, hears 88-108 FM broadcast, aircraft AM 108-125 OK, and that for it's size, is a good radio for the mobile guy with little space.
I;e: Like when I go on vacation to remote area's, Alaska, the Yukon, mobile, its size is nice and I don't need to decide between the VHF radio vs HF, now I can carry both in this small package.
If you drive next to a 50Kw Am braodcast the TS-50, DX-70, and IC706, all went crazy with no external tuner, when we put on the AT-50 external tuner with each radio, each one was fine. We had an FT-1000 and FT-900 with no tuner and these were ok, with no problems on 160meter/80meters. I have not heard any intermod on 2 meters with a 7 element beam on it. I would imagine, If I bypassed the front end filter, it would be intermod/image city. But I wanted a d listen to 160meters, you will get overload(using no tuner), but my Kenwood TS-50 did this also, If you used the Kenwood Ts-50 withe the External AT-50, there was no problem.
Switching the TS-50 with the IC-706 , but keeping the Kenwood Tuner AT-50 In, the was no overload.
Using the IC-706, Kenwood TS-50, and Alinco DX-70 next to AM KFI 0.640 ooverloaded all three radio's (No Antenna Tuner). So it depends on what you want!!!!!!!!!!!! So for all you cheap hams, want a $5000 HF DX rig with a $30000 Spectrum Analyzer all for the LOW price of $1250, you will be not be happy, I can assure that to you, so keep your big, bulkly FT-1000's because performance (140db plus dynamic range, needs to seat in the car seat next to you, (worth it's WEIGHT in gold,etc) and that small size is not what you want. For other hams, the IC-706 is a great secondary rig for mobile, vacation's, run around town radio's. Pass this along on you BBS's to other hams. I got mine and I am happy with it so that all that counts for me. For the others that want everything for nothing, then your search continues (I.e.: like the meaning of life,etc), may never find the perfect radio to please you.

73's
Mike
W6TRW

73's
Mike

3305. IC-706 Rig Performance vs TS-50, and Alinco DX-70

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9510222054.AA20006@haldir>
Source record: 211141

Yes,
The rig does QSK, break-in CW, 250, 500hz cw and narrow SSB filters
for the IC-706 are available from Icom.
The rig works comparible to the Kenwood TS-50, it's no
FT-1000 from the standpoint of IP3 intercept point, but neiher
was the TS-50.
It a great rig for mobile, installation's with verticals and dipoles,
If you put it behind a 5 or 6 element 20meter beam in a contest, you may feel
you need a better SSB filter, but the TS-50 was the same way.
It has an RF and IF attenuator to keep the IF from getting saturated
in a strong signal band.
It will overload to a 50KW 0.640Khz Am broadcast station next to me, my TS-50 also did
overload, i.e. 80 and 160 meters, but
when I used the Kenwood AT50 Antenna Tuner with the Kenwood TS-50, it was pretty
good.
When I tried the Icom 706 HF rig with my extenal Kenwood AT-50, It remained
about the same as the TS-50, no real complaints,
These small radio's have a lot of IF gain to remain sensitive for mobile,
small antenna situations. If you put the Kenwood TS-50,IC-706, and Alinco
DX-60 on Antenna's with about 10dB gain, they start to saturate the IF, and
that's were the 10dB are need Attenuators come in.
If you saturate the IF on any of these Radio's, the Noise Blankers
act differently.
If your after a high level intercept radio, for a low price, the Yaesu FT-900,
seems great, I have one. If you have more money, a FT-1000 is better.
It really depends on you activities, if your a DX chaser, the TS-50,IC-706,
and Alinco DX-70 may disapoint you. But if you the average ham with a diople,
mobile antenna, or plain vertical, It seems to be a good radio.
Only real thought is the audio is not that great thru the tiny Speaker, but neither was my
Kenwood TS-50.
If your looking for an FT-1000 , 130dB Dynamic range with a $30,000 Spectrum
Analyzer similar to Hewlett Packard, then I suggest you buy an FT-1000 and a
$30,000 Spectrum Analyzer.
For the Price ~$1250, for the average ham in portable, small Antenna operation,
its good, if your expectations are of a $2500 -$4000 DX rig with Spectrum Analyzer, then
look elsewhere!
I would recommend the external Tuner AT-180 with the IC-706, but so far I have not seen one
out yet in the stores!
Also the General coverage is 30Khz to 120Mhz. Icom has got alot of heat about
its initial statement of 30KHz to 200MHz. The Permance above 120MHz is lacking, untill you
reach the 144-148MHz ham band, If your expecting a Police Scanner, aover 155MHz, do not,
Icom purposely put in a narrow-band filter to kill the image
response Image = 2(LO)-RF.good small SSB all mode for 2 meters/6meters as extra's withe the
normal HF bands.

I would say the IC-706 works like the Kenwood TS-50 , but has extra's like 6meters, 2meters, hears 88-108 FM broadcast, aircraft AM 108-125 OK, and that for it's size, is a good radio for the mobile guy with little space.
I;e: Like when I go on vacation to remote area's, Alaska, the Yukon, mobile, its size is nice and I don't need to decide between the VHF radio vs HF, now I can carry both in this small package.
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Switching the TS-50 with the IC-706 , but keeping the Kenwood Tuner AT-50 In, the was no overload.
Using the IC-706, Kenwood TS-50, and Alinco DX-70 next to AM KFI 0.640 overloaded all three radio's (No Antenna Tuner). So it depends on what you want!!!!!!!!!!!! So for all you cheap hams, want a $5000 HF DX rig with a $30000 Spectrum Analyzer all for the LOW price of $1250, you will be not be happy, I can assure that to you, so keep your big, bulkly FT-1000's because performance (140db plus dynamic range, needs to seat in the car seat next to you, (worth it's WEIGHT in gold,etc) and that small size is not what you want. For other hams, the IC-706 is a great secondary rig for mobile, vacation's, run around town radio's. Pass this along on you BBS's to other hams. I got mine and I am happy with it so that all that counts for me. For the others that want everything for nothing, then your search continues (I.e.: like the meaning of life,etc), may never find the perfect radio to please you.

73's
Mike
W6TRW

3306. Re: fixing swan 250c

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: n3jja@ibm.net
Message-ID: <46efd2$3j7g@news-s01.ny.us.ibm.net>
Source record: 211142

In message <46dknq$b08@felix.teclink.net> - "Mark J. Acierno" <acierno@teclink.
net> writes:
:>
:>I bought a swan 250c about a year ago fram a ham in TX that swore that
:>the unit worked "the last time I turned it on" wellllll it got here and
:>didn't work. Being a student I didn't have the money to fix it (and
:>really, I still dont) Is it worth fixing or should I be looking at a new
:>mfj 6 m rig?? and who would I even contact about fixing it ?□are there
:>people that fix these older units at a reasonable cost - I still have
:>education bills to pay!□□
:>
:>thanx
:>mark
:>
:>

I'll let you know if it's worth fixing after I buy it from you and fix it
myself! :-)

Whether it's worth fixing is a matter of how badly do you want to have 6m
capabilities? I've heard the Swan is a very nice rig, but if you want to part
with it, let's talk. I know I can fix it. I'd better be able to; I've 15
years of electronic service under my belt.

So, what do you want for it? Now, be reasonable. There's no way in telling
how much money I'll have to pour into it.

Jim Nuytens N3JJA Email: 73700.12@compuserve.com
V. P., Delaware Repeater Assoc. n3jja@ibm.net
Visit our Web Page at: jim@seitz.com
http://biochem.dental.upenn.edu/pub/dra

All opinions expressed above are my own, which probably accounts
for their unpopularity.

3307. Tesla Memorial Society

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: Miroslav@UIC.EDU
Message-ID: <95295.164617U60082@uicvm.uic.edu>
Source record: 211143

+ Tesla Memorial Society, Inc. +

453 Martin Road, Lackawanna, New York 14218

Phone: (716) 822-0281

* The purpose of this society is to honor and perpetuate the memory and ideas of the great scientist and inventor, Nikola Tesla through appropriate academic conferences, scholarship awards, and various cultural activities. It is a nonpolitical and nonprofit organization.

Honorary Chairman of the Executive Borard: William Terbo

Executive Secretary: Nicholas Kosanovich

Editor: Patrick Porter

3308. Re: *** 6 meter SSB/CW Handheld ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: jagg@globalone.net
Message-ID: <46eg98$dei@news.global1.net>
Source record: 211144

In article <slayDGtM8t.ID0@netcom.com>, slay@netcom.com (Sandy Lynch) says:
>
>Pete Dziomba (n2mci@mhv.net) wrote:
>: AEA also had one a few years back...(late 80's)
>
>I'm pretty sure that was the Mizuho MX-6S from Japan which they
>probably sourced on an OEM basis.
>
>73, WA6BXH
>
Ramsy electronics had a few Mizuhos left a while ago. Please give them a call They are in 716 area code. Jag AA2LJ

3309. IC-3230H Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: daveschn@serv01.net-link.net
Message-ID: <46ehob$8gu@leol.net-link.net>
Source record: 211145

Looking for mods and cross-band repeat instructions for Icom 3230H Dual Band mobile. Please email to me at daveschn@serv01.net-link.net

Thanks

73,

Dave Schneider, KG8BJ
daveschn@serv01.net-link.net

3310. Where to get manual for B & K 707 tube tester

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: grauzer@aol.com
Message-ID: <46eh4e$68d@newsbf02.news.aol.com>
Source record: 211146

Does anyone know where to get a manual for this tester? I saw one for sale but it had no manual. Thanks.

Dave

3311. Re: Svetlana 4CX800 (was 91beta)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <46eoh5$an4@newsbf02.news.aol.com>
Source record: 211147

In article <468rth$6vc@mgate.arrl.org>, Zack Lau <zlau@arrl.org> writes:

>While the size
>of the tubes help, I think the lower plate voltages also contribute
>to meeting the need.
>
>Zack KH6CP/1 zlau@arrl.org

Good point Zach,
The lower plate voltages really help. It enhances the ten meter
performance also, because strays are less important with a low operating
impedance. 73 Tom

3312. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <46eohn$ang@newsbf02.news.aol.com>
Source record: 211148

In article
<Pine.ULT.3.91.951020074124.11681B-100000@ohm.elee.calpoly.edu>, Cal
Eustaquio <ceustaqu@ohm.elee.calpoly.edu> writes:

>
>Don't know what you're talking about. I have my RS DSP filter hooked to
>my HQ-110. It is worth every penny. I have had great success in chopping
>out bothersome heterodynes and getting excellent CW selectivity. When
>used with the HQ-110's onboard Q-multiplier, the selectivity effect even
>becomes more pronounces. And if I don't want the DSP in? Simply switch it

>out. I like my DSP unit. 73's, all. Cal, N6KYR.
>
>

Hi Cal,

It'll help a rx like the HQ-110, it helps my Heathkit Mohawk a good bit on
CW also.

But it doesn't do squat on my ICOM 751A. That's because the ICOM CW
filters are much sharper than the RS DSP filters, so all the crud is gone
before it ever hits the DSP. If I leave my ICOM on SSB, tune in a CW
station, and put the RS on CW narrow, it helps a lot. But not ever when
the narrow crystal CW filters are in line!

Of course the notch always works FB.

73 Tom

3313. Re: MFJ 6 Meter SSB/CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: leigh@rain.org
Message-ID: <46egas$2jl@news.rain.org>
Source record: 211149

Regarding the new MFJ 6 meter rig, is that extra CW module something that mounts internally or externally? Is non-QSK CW possible without it?

FWIW, I've had a lot of fun during the last 6 meter sporadic-e season, using an older Icom 502 QRP rig into a Cushcraft vertical. The 502 is a great little portable rig which can either use external 13.8v or 9 internal C cells. It puts out 3 watts of SSB or CW from 50 to 51 mhz, and I've worked 5 states and Mexico with it.

73. --Leigh/KM6JE.

3314. Yaesu FT-10 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: David_Edger@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_951022_113800_0c119267@fidonet.org>
Source record: 211150

Has anyone tried the new Yaesu FT-10 or the UHF version FT-40 yet? I
am interested if this radio, which looks interesting but bulky, has
anything to recommend it over the very nice FT-11/41/51 series?

3315. Re: an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: Erik Westgard <71505.341@CompuServe.COM>
Message-ID: <46elj9$g28$1@mhafm.production.compuserve.com>
Source record: 211151
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.homebrew

I was in Hong Kong this summer, staying in the Causeway Bay area. I
was completely surprised by the number of authorized Icom dealers in
the city. It seems like most if not all camera/electronics stores
sell Icom. I saw some Kenwood, Standard, etc.
Prices were never ever posted- there were coded tags on the items, and
the clerk would tell you, or show you a calculator with the amount. In
my experience, prices were similar to here in the US, in most cases
higher in HK. Some observations:
1. They had a lot of older stuff- dusty in fact. 95 percent was at
current "high rent district" list price. One store, Wilson Camera,
8 Great George St, was giving decent prices on older gear that was
getting dusty.
2. Most if not a □□ll of the gear was in the Asian/Japan
models- 440 gear ran on 430, and there is a great tendency for
the extended recieve we see on US 2M gear to be disabled.
3. Prices as I say were about US or more.
4. There will be a real warranty problem, unless you ship
it back to the dealer in HK
5. I believe the hma radio dealers in HK cater to tourists, such
as the Japanese, who have high prices at home, and would
benefit from the lower taxes, etc. in HK.
6. I am not sure what if any ham operating is done in HK- in China,
there may still be restriction on private stations. In HK, I saw
a business (actually a Chinese dining room) running on Yeasu HTs
on 145.00 Mhz.
7. There were some odd and ends of other brands of gear, even at
the airport gift shop- brands I had not heard of.
8.
My big buy in 2 weeks a was an Icom BP24 I found in a pile of
older packs at Wilson. I paid $67US for it, thinking it was
the last one on earth. On the same trip, I bought a copy of CQ
magazine for $11.00 US and found Ross Distributing with the same packs,
price.

Would I go back- yes. Buy some gear- maybe. Fun place- I have never
been in more Ham Radio dealers in my life.

73,
Erik

3316. Re: IC706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-22 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9510222310.AA20336@haldir>
Source record: 211152

From jlowman@netcom.com Sun Oct 22 15:51:15 1995
Date: Sun, 22 Oct 1995 15:48:41 -0700
From: jlowman@netcom.com (Jim Lowman)
To: aust@gandalf.sp.trw.com (Mike Aust)
Subject: Re: IC-706 HF Rig Features
Newsgroups: rec.radio.amateur.equipment
Organization: NETCOM On-line Communication Services (408 261-4700 guest)
X-Newsreader: TIN [version 1.2 PL1]
Content-Length: 832

Mike, since you are also in the LA area, I wonder if you have had a chance to evaluate the performance of the 6m/2m bands with your IC-706? One thought that I had was, even if the HF stinks, which is obviously not the case, where else can you get both 6 and 2 meter, all-mode, full-band coverage? If performance is good enough for weak-signal work on those bands, I would conside $1250 a reasonable price for the capability. Then if I did not like the HF characteristics, I would look to the IC-775DSP or FT-1000D.

Would appreciate your comments...Jim

3317. RU 188

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: rayx0020@maroon.tc.umn.edu
Message-ID: <rayx0020-2310951229130001@dialup-4-36.gw.umn.edu>
Source record: 211003

I would like to know more about the use of RU 188 coax. I would like to insert a small length of it to connect to my HT when using a remote antenna to minimise stress on the connector an the HT. Is it possible to put connectors on RU 188 "at home"? I have seen a 1/4 wave mag mount antenna with RU 188 coax. Does anyone know if those work acceptably? I assume such small coax is not too efficient - experiences? opinions?

Thanks,

Jack
N0ZKA

3318. Re: HThey FOR SALE OR TRADE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DGwx7n.DB9@iglou.com>
Source record: 211004

They just won't listen will they?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3319. Re: NIR-12 DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: w4lt@aol.com
Message-ID: <46gkgu$oep@newsbf02.news.aol.com>
Source record: 211005

Harry,

Re: ur request for info on NIR-12. I've had the Radio Shack, Timewave DSP-9 and DSP-59+, NIR-10 and NIR-12 as well as a brief checkout of the MFJ unit at a hamfest.

Without a doubt, the -12 is the easiest to use and most effective of all that I've seen. The -10 and 59+ are close but not quite as user friendly or as effective as the -12.

Having said all that, I just noticed a Timewave ad last night in the new QST that announces a new DSP unit - can't remember the model but it includes an LCD display readout of unit settings. The two biggest features that I noticed were the user programmability (similar to the -12) and a super fast (claimed) processor. Presumably this will keep audio pretty clean sounding and allow for more complicated processing algorithms. Will have to wait for the jury to report on this one. Don't remember seeing 2 DSP chips mentioned.

The -12 is a joy to use and does a fantastic job on the heterodynes we get down here in North Florida and the atmospheric noise that comes with living in the Thunderstorm capitol of the world. I highly recommend it.

Walt Beverly
WA4HVC

3320. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <46gla9$nf8@nonews.col.hp.com>
Source record: 211006

W8JI Tom (w8jitom@aol.com) wrote:
: Hello,

: As a new person to Internet, what I've learned here is.....

<snip>

: 5.) This group is really not for sales or purchases.

: Do I have it all correct?

You got the most important one correct. If we could all get
THAT one straight, it would be a great start.

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

3321. Re: ALE radio price

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: rsilva@adelaide.DIALix.oz.au
Message-ID: <46fu9r$i7j$1@adelaide.DIALix.oz.au>
Source record: 211007

USCG TELECOMMS <gttm@cais.cais.com> writes:

>> There are a bunch of foriegn manufactuers too, including Rohde &
>> Schwarz. The least expensive (SGC) probably starts at about $5000.
>> Ken - WB0QNA
>>
>How about $15000 minimum. USCG uses Harris.

I have no doubt Harris would start at $15k. The SGC price looks a little low (last I saw, they list-priced their ALE controller at $4.5k + transceiver). As far as FED-STD-1045/MIL-STD-188-141A is concerned, I'm not even sure that Rohde & Schwarz even make an ALE controller.

There are others of course (Sunair, Motorola, Mackay, etc.) - even the odd non-US manufacturer - my employer is an Australian company who also provides ALE equipment (at most competitive prices :-)). I don't want to turn this into a commercial, so if you want more info, email me direct.

--
----------------------------+---
Rob Silva | The sooner you fall behind, the more
| time you have to catch up
rsilva@adelaide.DIALix.oz.au |

3322. Re: Radio Direction Finding gear.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: mmusick@talx.com
Message-ID: <mmusick-2310951344200001@198.102.74.50>
Source record: 211008

> In the November issuse of QST and 73 magazines are a couple of very
> interesting RDF (Radio Direction Finding) projects. The projects are
> entitled "The Four-Way DFer" and "Poor Man's Doppler".

You were being kind, Tom. The "Poor Man's Doppler" is aptly named, because not only do you have a big construction project, it's built around the Ramsey DF kit which will set you back $70 before you even start. By the time all is done, you *will* be poor if you weren't before.

When I saw Malcomb present "The Four-Way DFer" at Dayton this year, I had to ask myself "Why bother?" Not to detract from his efforts, but in the end his dual TDOA is more complicated than a Roanoke and has less resolution to boot. Attempts to increase the resolution beyond the 8 compass points on the "4-Way" become immensely complicated, too, because the L-R and F-B proportioning is nonlinear and therefore has to be calculated or compensated.

Your kit version of the Roanoke is a better deal all around. I've got three foxhunting friends with 'em and they're almost as good as my modified Atlanta kit. ;-)

> It is fun to share one ham's comment: "Dopplers are LETHAL when it comes
> to tracking down trouble makers".

Fer sure!
...mm

==========
Mike Musick/N0QBF |
71301.3106@compuserve.com | [Insert usual disclaimers here.]
mmusick@talx.com |

3323. Picture format for Slow Scan? EPS? TIFF?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <46gp2q$rhu@newsbf02.news.aol.com>
Source record: 211009

I just bought an older MFJ 1278 that I am interested in playing around with the slow scan feature on it. I realize that this isn't exactly a state of the art unit for Slow scan, but was wondering...
What format can I create a picture in that I can then send over the air? Can I scan in a photo on my scanner and svae it as a tiff or eps and xmit that? Any help is greatly appreciated!

73's Mike KS4DA

3324. FT-11R Sub-audible tone NOT!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: ydtlzmj@news.atglab.bls.combst.bls.com
Message-ID: <46gq88$463@atglab10.atglab.bls.com>
Source record: 211010

I have a friend here in Atlanta who has a FT-11R that
you can hear the CTCSS (should be sub audible) tone.

On very good repeaters, the tone noise is quite loud,
and at best annoying.

I have a FT-51R which does not have this problem.

Are there other Yaesu FT-?1R users with similar experiences?

Is there any adjustment my friend might make on his FT-11R?

Thanks,

Victor KF4BUX Gregg

3325. FREQUENCIES ????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: walter@idirect.com
Message-ID: <ragnaroek1995Oct23.151906.20780@news2.compulink.com>
Source record: 211011

Can somone give me a list with the bands and their corresponding
frequencies.

PLEASE & THANK YOU

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo---
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
THINK SNOW ! ! !
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3326. Re: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: walter@idirect.com
Message-ID: <ragnaroek1995Oct23.152214.20835@news2.compulink.com>
Source record: 211012

Try http://www.hamradio.com

Enjoy.!

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo---
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
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3327. WWW Pentone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: Troll <Troll@nochet.demon.co.uk>
Message-ID: <814467964snz@nochet.demon.co.uk>
Source record: 211013

My mates run a company making radio modems and selcall modules;

WWW page is

http://www.io.com/~troll/pentone/index.html

--
Tom Zunder: Troll@nochet.demon.co.uk
http://www.io.com/user/troll/index.html
All views expressed are strictly my own.
May Argan Argar shield this mail

3328. Re: an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: rafaels@zimmer.CSUFresno.EDU
Message-ID: <DGx0Bo.Lq3@CSUFresno.EDU>
Source record: 211014
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.homebrew

In article <46b7s9$lmj@ixnews5.ix.netcom.com> timhynde@ix.netcom.com (If you want my name just ask.) writes:
>
>>to Hong Kong soon and am interested in shopping for an HT. What can
>you
>>advise me about:
>
>
>I'd save myselft the trouble and buy from a stateside distributor, I've
>heard of guys buying overseas HF gear with features or bands not avail.
>in U.S but I've never heard of any great bargains. What you save by
>shopping Hong Kong may cost you quickly if you have a problem or need
>an accessory for the radio.
>
>I have a Kenwood Dual band HT and like it alot.
>
>73, Tim ka8ddz

I agree with Tim. I've been to HK several times on business trips and it is not worth the hassling of dealing with the salesmen over there (prices are not fixed and you have to deal, yes as in bargaining!). Also there is the problem of the warranty. I don't think any of the major brands (K,I,Y) honor warranties of any equipment bought overseas. What I have bought though are accessories. Bring your AES catalog to check the price differences. Some things are cheaper there but others are around the same or even higher depending on the store. Another suggestion is to get away from the Nathan Rd. stores, those are usually overpriced.

Have fun in HK.

Rafael (KE6JSR)

3329. Need some info on Kenwood SP940 speaker

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDGx0pK.DAI@netcom.com>
Source record: 211015

I picked up one of these w/o docs. Would someone care to send me the specs
or a copy (by fax maybe?) or please let me know by e-mail the specs around the
HIGH1, HIGH2 and LOW controls and the "line out" connector on the rear?

Thanks,

73 Dave WB0GAZ dgf@netcom.com

3330. Heathkit DX35 tranciever; Antique wind-up Morse code training thing

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: al564@FreeNet.Carleton.CA
Message-ID: <DGx1v9.DD7@freenet.carleton.ca>
Source record: 211016

Thesed items are for sale for $50 each.

The DX35 has Q-mult and antenna
multiplier with
it. This transciever has crystals that you plug intothe back; comes with lots of crystals. I do not know enough about trancievers to see if it works - the tubes light up.

The morse code trainer comes with the paper tapes with holes...some new tapes with no holes!

--
John J. Rakos & Associates Consultants Ltd.
Project Management Consultants, 14 Palsen St., Ottawa, ON, Canada
Phone or Fax: (613) 727-1626

3331. HELP PLEASE! - Old RCA Senior Volt-Ohmist

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Message-ID: <1995Oct23.150414.106322@kuhub.cc.ukans.edu>
Source record: 211017

I thought I might be able to restore the above after getting it in
a lot of test equip. at a Hamfest.

Since it had some corrosion on the bottom of the from panel I opened
it to find a corroded Alkaline 1.5v cell soldered in place. While
the battery bracket looked original the cell wasn't.

The unit is AC operated with one 12AU7, and two 6AL5 tubes.

I can't get it to calibrate high enough on the DC ranges. ie, at
a 1.48v source the best I can get the meter to read is about 1.3v.

Also while I can get a zero ohms with the probes shorted I can't get
infinity on the high end.

Any idea what type of battery should be in it?
Do you think new tubes would help?
Do you think the capacitors are so old they should be replaced?
Am I wasting my time on this thing?

Thanks for reading and your thoughts. Please reply by e-mail to:

dharper@kumc.wpo.ukans.edu

73's de N0USP,
Dick

3332. Re: 6146b neutralization---what does it do?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DGx4r1.482@eskimo.com>
Source record: 211018

In article <46b3tv$c1c@ncar.ucar.edu>,
tomas@ra.cgd.ucar.edu (Bob Tomas) wrote:
>What does neutralization of a pair of 6146b tubes do?
>
>bob

The main reason for neutralization is to prevent the tube(s) from oscillating. An additional side benefit is that it makes the point of maximum power output and minimum plate current the same. Otherwise, the tuning would be slightly different for each. Neutralization is almost always required for grounded-cathode amplifiers, and sometimes for grounded-grid too.

73, Bill W7LZP
wrt@eskimo.com

3333. unsubscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: am257@detroit.FReenet.ORG
Message-ID: <199510232150.RAA02771@detroit.freenet.org>
Source record: 211019

```
unsubscribe
```

3334. IC-W31A Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: Mike Lubrecht <flowmole@accessone.com>
Message-ID: <46h3l9$t2e@news.accessone.com>
Source record: 211020

I just bought a new Icom IC-W31A (my first ham radio on my new technician-class ticket!) and am interested in finding out any modifications to extend the receive range: particularly mods. that just involve keypad inputs/system resets. I would also be interested in hardware mods to increase the TX range, if they're not too difficult.

Either E-mail me (a preserve bandwidth) or post - I haven't seen much info on the W-31A, so there may be others who are interested.

Thanks!
Mike

3335. Re: Another ICW2A Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: pepperh@demo.bb.unisys.com
Message-ID: <46h1ka$jbs@bb6k35.BB.Unisys.Com>
Source record: 211021

In article <SO-PATU.95Oct20101835@stekt14.oulu.fi>, so-patu@stekt14.oulu.fi (Timo Patana) says:
>
>
>I have been trying to find a way how to disable receiving audio
>on W2 when transmitting an the other band. I have tried several
>ways how to do it, but without success so far. If somebody knows
>how to solve this, i'd like to hear from you.

Not to be simplistic here, but can't you just turn down the volume on the VFO that you don't want to hear.. there are separate volume controls for each VFO...

Hugh -

pepperh@demo.bb.unisys.com

3336. Re: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: jan.anker@ping.be
Message-ID: <jan.anker.86.00176017@ping.be>
Source record: 211022

In article <ragnaroek1995Oct23.152214.20835@news2.compulink.com> walter@idirect.com (SLEDDER) writes:
>From: walter@idirect.com (SLEDDER)
>Subject: Re: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?
>Date: 23 Oct 95 19:22:14 GMT

>Try http://www.xxxxxxx.com

>Enjoy.!
>--
>-

>When you're through changing, you're through.

>CHECK OUT MY HOME PAGE& HOT LINKS @
>http://www.xxxxx.com/users/walter.html
> |___/|
> | o o |
>----oOO-------OOo---
>*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
>THINK SNOW ! ! !
> =A9 Copyright 1995

buying low..selling high... and here not a good place for this add's

3337. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDGxA24.H78@netcom.com>
Source record: 211023

Dan Brown (danb@a.crl.com) wrote:
: jlowman@netcom.com (Jim Lowman) wrote:

: >1) While rec.radio.swap is the correct place for such ads, it is not
: >specific to amateur radio equipment.

: From other discussions I've seen, this was intentional--amateurs use
: lots of non-ham equipment (Motorola UHF and VHF business-band radios,
: for instance). Most of the stuff I've seen in r.r.swap would be
: appropriate in a group in the .amateur hierarchy, either because (1)
: it is ham gear, (2) it can be modified to work in ham bands, or (3) it
: would be used in connection with ham gear.

What I would propose is that any amateur or related gear - anything that facilitates the operation or maintenance of an amateur radio station - would be "on topic." This could include, but not be limited to, test equipment, replacement parts, commercial gear that could be converted to operate on the authorized amateur frequencies - you get the idea.

: .swap, .marketplace, and .wanted are about as common as .forsale.
: Construed strictly, .forsale neglects "wanted" posts (and vice versa).
: For accuracy's sake, .marketplace seems like the best choice, but I
: think any of the four is about equally descriptive.

OK, I am not hung up on the actual name; whatever everyone feels is right, is fine with me.

: >3) Hopefully, we could guide individuals and commercial advertisers to this
: >new newsgroup, thus restoring rec.radio.amateur.equipment to its intended
: >purpose.

: The same is true of rec.radio.swap.

: >For the record, I don't think posting of ads is going to stop, even with the
: >flaming that is going on, unless there is a channel for advertisers to use.

: There is such a channel, though.

: The only real advantage I can see to rec.radio.amateur.{swap |
: marketplace | forsale} is that it would put a group with the other
: amateur groups, while the r.r.swap is detached a bit in the
: alphabetical list. When I saw the list of rec.radio.amateur groups, I
: went looking for a for-sale group, but apparently others don't bother.
: I tend to doubt they'd bother anyway, but I'm rather cynical that way.

When I first subscribed to the desired groups in rec.radio.amateur*, I looked for a .forsale or similar group. It was not until I noticed some retailer being flamed *on the newsgroup* for posting an ad, that I became

aware of the .swap newsgroup. The considerate/experienced net user would probably look for, and find, a .forsale group if it were in the same hierarchy. The clueless will remain so, no matter what we do. Even if this proposed new group does not come to pass, I would hope that we could agree to stop flaming the advertisers on the newsgroup itself. I would hate to put all the net cops in a killfile, because they might just have something worthwhile to say down the road.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

3338. ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: anon-remailer@utopia.hacktic.nl
Message-ID: <199510232235.XAA19195@utopia.hacktic.nl>
Source record: 211024

mjjohn5@lookout.mtt.it.uswc.uswest.com (Mark Johnson) wrote:

>If they do not know about the rules, then maybe we should treat them
>like we would a new ham. Give them some polite information and help,
>but not jump down their throats.

No one suggested otherwise.

>If the FAQ is posted on a monthly or weekly basis then there is also
>no need to send a shouting post not to post FS here.

If the FAQ was enough, FS and WTB wouldn't be here.

>That is just as annoying and very insulting to most of the fine users
>on this group.

I'm flattered.

>And talk about going outside the newsgroup's guidelines? Well, aren't
>we doing that now?

Its appropriate to discuss use of the group. How else would you reach
the people using it?

>But we don't have to kill those who stray from the word of the
>FAQ either.

No one suggested that.

>Gee Tom, I thought I was very restrained in my choice of words for
>our hiding friend. You should have heard what I would have liked
>to say. In fact I kept it to any language that I could have used on
>the air, ...

But harsher than you would have the nerve to use or get away with
in person. Clean your own house before branding others.

>It is that he ruins the credibility of his argument by Flaming his
>message and hiding behind an anonymous server.

There were no flames besides yours.

>If you don't have the courage to stand behind your statement then you
>really just don't have a statement and you may actually harm a valid
>statement.

The earth is round. Dogs are mammals. Electricity is energy. See,
no harm done.

Lighten up Mark. The message is valid and the headers deter ads.

3339. Ham Swap Meets in Denver Area

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: jmoody@denadm.ms.ch2m.com
Message-ID: <46gv20$ib5@ds9.ch2m.com>
Source record: 211025

I would like to find an upcoming ham radio swap meet in the Denver area.
I also need to find someone to repair a Drake TR-7.

Please E-mail me, as I do not always read this newsgroup.

Thanks in advance for you help,
-
Joe Moody
(jmoody@denadm.ms.ch2m.com)

3340. help plastic power connectors

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: w2gma@ix.netcom.com
Message-ID: <46h0fh$ehm@ixnews6.ix.netcom.com>
Source record: 211026

Hi and thanks for reading this. I am looking for a source of the plastic two pin connectors that most of the manufactures are using for power cables on their vhf and uhf radios. I have an old radio that i had jones plugs on that i would like to change to the newer design but have been unable to acquire the plugs. Any help greatly appreciated.

Thanks,

mel, w2gma...

3341. How Many FT-530 mods are there?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: HSHK84D@prodigy.com
Message-ID: <46h0dt$lpk@usenetp1.news.prodigy.com>
Source record: 211027

Hi,
I am wondering how many mods are known that are for the Yaesu FT-530 HT.
I own one and I would like to do some of these mods on my HT. If you know
of any, no matter how old the mod is please send it to me at my E-Mail
address.
Thanks in advance...

Phil Stockmal, N1TMG
HSHK84D@PRODIGY.COM
President: 21 & Under DXing & CONTESTing Club

3342. SB 220 hook up

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: bq342@freenet.buffalo.edu
Message-ID: <DGxE1v.B4n@freenet.buffalo.edu>
Source record: 211028

I am buying a sb 220 and want to hook up to my kenwood ts690 will the relays in the rig handel the sb220 ?

3343. Re: Apoligy to the Group

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDGx7vH.9JD@netcom.com>
Source record: 211029

Jay Maynard (jmaynard@admin5.hsc.uth.tmc.edu) wrote:

: It's not a problem for you at Netcom, but I can guarantee that continued
: forsale postings here _will_ make the group go away at many sites.

I have to admit, I was unaware of this problem until late in the discussion.

: During the reorganization that produced the current rec.radio.amateur.*
: groups, it was proposed that the .swap group be placed in the .amateur
: hierarchy. The consensus was that that was a Bad Idea both because hams swap
: equipment that isn't necessarily ham-specific, and because folks other than
: hams swap ham equipment. The group's placement where it is was both
: deliberate and the consensus view.

Well, even after a year, things change. I started another thread, offering
to propose the new group rec.radio.amateur.forsale, which I will check next.

BTW, I am not proposing that we dump the .swap group, only that we create a
new newsgroup that would be used for buying, selling and trading amateur
geam and related items, such as test equipment, tubes, etc. I am not saying
that this is the only answer, just that we should examine the situation as
it exists today.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

3344. TH-22AT and IC-T22A: Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: sra@pluto.njcc.com
Message-ID: <sra.2.00CDEC6A@pluto.njcc.com>
Source record: 211030

Would anybody be able to give me their opinions on the Kenwood TH-22AT and the
Icom IC-T22A?
I was contemplating which was a better 2m HT.
thank you.
Seth Adler

3345. NEED PACKET HELP PLEASE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: ve3roh@bbs.ve3rpi.ampr.ORG
Message-ID: <653@bbs.ve3rpi.ampr.org>
Source record: 211057

DATE: Sun Oct.22 1995 19:58 Z

FROM: ve3roh@bbs.ve3rpi.ampr.org

SUBJECT: NEED PACKET CONNS FOR TM-251A & PK-888 TNC

Thanks for taking the time to read this. I am looking for the

Packet connections between the Kenwood TM-251A and the AEA PK-88

TNC. If anyone has had experience with this combination, I would

sure like to hear from you.

de Ron in Haliburton Ont. ve3roh@bbs.ve3rpi.ampr.org

Or Packet VE3ROH@VE3KPG.#ECON.ON.CAN.NA

3346. Re: an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <46er6b$7pj@nonews.col.hp.com>
Source record: 211058
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.homebrew

Erik Westgard (71505.341@CompuServe.COM) wrote:

: I was in Hong Kong this summer, staying in the Causeway Bay area. I
: was completely surprised by the number of authorized Icom dealers in
: the city. It seems like most if not all camera/electronics stores
: sell Icom. I saw some Kenwood, Standard, etc.
I've visited Hong Kong several times and purchased a radio or two
on occasion. Let me compare/contrast my experiences.

: Prices were never ever posted- there were coded tags on the items, and
: the clerk would tell you, or show you a calculator with the amount. In
: my experience, prices were similar to here in the US, in most cases
: higher in HK. Some observations:
: 1. They had a lot of older stuff- dusty in fact. 95 percent was at
: current "high rent district" list price. One store, Wilson Camera,
: 8 Great George St, was giving decent prices on older gear that was
: getting dusty.
Yes. Amazing how old some of the stuff was. Actually worked to
my advantage in one case since I wanted a model that was no
longer available in the U.S.

: 2. Most if not a □□ll of the gear was in the Asian/Japan
: models- 440 gear ran on 430, and there is a great tendency for
: the extended recieve we see on US 2M gear to be disabled.
Major problem here. Watch out for versions of equipment that
are setup for non-US markets. Its not always easy to figure
out in advance, either.

: 3. Prices as I say were about US or more.
I'd give them more credit than that...but its not always easy to
tell the rockbottom price with extensive negotiation.

: 4. There will be a real warranty problem, unless you ship
: it back to the dealer in HK
: 5. I believe the hma radio dealers in HK cater to tourists, such
: as the Japanese, who have high prices at home, and would
: benefit from the lower taxes, etc. in HK.
Actually, I am not sure WHO they really cater to. The prices
I've seen in Tokyo are roughly equivalent to Hong Kong.
Exchange rate would influence this, of course.

: Would I go back- yes. Buy some gear- maybe. Fun place- I have never
: been in more Ham Radio dealers in my life.

Check.

: 73,
: Erik

Bob KB0CY

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

3347. Re: help with TINY-2

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: jrosenw@pgh.nauticom.net
Message-ID: <DGvn6L.MH2@pgh.nauticom.net>
Source record: 211059

XE2MXU/N5UHB (fjorozco@academ03.mty.itesm.mx) wrote:

: This time it's about a TINY-2 TNC. The thing connects and accepts
: connections and everything else, BUT, the damn thing doesn't print
: anything on my screen. I can go a ^C, and then 'c xe2xxx', and I will
: the the packets being exchanged, and the 'connect' LED will light up, but
: absolutely nothing shows on the screen. I've tried using procomm,
: Windows Terminal, and a few other dumb terminal programs with no luck.
: (Oh, I also tried XPCOM but couen't get it to acknowledge the tnc)

Mine died like this a while ago. I sent it to PacComm along with
a signed note authorizing them to charge my credit card in an amount
not to exceed $45.00 + shipping. They replaced the serial port driver
and also, threw in a free driver rom upgrade which added gps to my
unit. They sent it back with a new manual as well. They charged
my card $45 + shipping. Either I am good at picking numbers out of
the air, or they did me a great favor, or it was a $10 job and they
made some money on me. In any case, I was happy with the result
and the service.

If you can figure out which chips they are, you might try replacing
them yourself. I believe they are U15 and U17, at least that is what
my schematic shows (dated 4/5/92). It did not appear that they did
any other work on the board, like capacitors, etc. Of course, if you
do it yourself, you won't get a rom upgrade (if available). Mine
was from the 1992 vintage, and the work was done in 1994.

Hope this helps.
John
--
John E. Rosenwald It is devastating to think that God will have
jrosenw@nauticom.net you spend eternity with people that you won't
Amateur Radio: NM3P even speak to right now.

3348. Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDGvoHu.IH8@netcom.com>
Source record: 211060

For those of you who have been following the lengthy threads related to the posting of "for sale" or "wanted to buy" items on rec.radio.amateur.equipment newsgroup: I would like to make a proposal that may solve the problem. While I am willing to do the legwork on researching the formalities to proposing a new newsgroup, I would like to hear some opinions, yea/nea votes, ideas, etc. before doing so, to determine if this action is warranted.

To summarize, there have been several posts, ranging from very curteous to outright flames, directed toward individuals or retailers who post FS or WTB ads on the newsgroup. This has caused the following problems (my ranking, in descending order of importance):

1) The fact that some sites prohibit this sort of posting, which threatens users at those sites with the possible loss of a very valuable newsgroup.

2) Repeated posts *on the newsgroup* chastising those who do post such ads, thus causing a high S/N ratio on the newsgroup itself. Besides the clutter, this causes unnecessary expense to those users who have to pay for connect time, or per-message charges, not to mention wasting time.

3) Such posts violate the charter of this newsgroup.

As such, I would like to see how many of you would be in favor of creating a new newsgroup, rec.amateur.radio.forsale. I feel that this would be a beneficial action for all concerned, for the following reasons:

1) While rec.radio.swap is the correct place for such ads, it is not specific to amateur radio equipment.

2) IMHO, the .forsale naming convention is widespread on the 'net, and is more descriptive than .swap.

3) Hopefully, we could guide individuals and commercial advertisers to this new newsgroup, thus restoring rec.radio.amateur.equipment to its intended purpose.

Feel free to submit your opinions, ideas or flames, either on the newsgroup for all to read, or by e-mail. If there is enough support for this idea, I'll get the process started.

For those who don't feel this action is warranted, or for those who feel that
they *must* play net cop, please contact these uninformed individuals by e-mail, hopefully with a polite message as to why they shouldn't advertise here. Let's put an end to this topic, one way or another.

For the record, I don't think posting of ads is going to stop, even with the flaming that is going on, unless there is a channel for advertisers to use. Consider the number of FS/WTB posts that have originated *since* this discussion began.

Jim

non-anonymous .sig to follow:

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

3349. Re: Another ICW2A Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: faunt@netcom20.netcom.com
Message-ID: <FAUNT.95Oct22184227@netcom20.netcom.com>
Source record: 211061

I asked ICOM Tech Support about this, and they said there was no
provision for this. I would have sworn I saw one do it once, but....
73, doug

3350. Kenwood TH-79A vs TH-79A(D) What's the difference???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: wb2taw@aol.com
Message-ID: <46f547$g7v@newsbf02.news.aol.com>
Source record: 211062

I'm really curious what is different about the new Kenwood TH-79A(D) vs the original TH-79A. I am very familiar with the TH-79A so really what I am trying to find out is what has been added/deleted in the new TH-79A(D). I understand they have addressed the memory channel lockout issue.... any new scan modes? any other new features? have they taken anything away? Any info would be appreciated. E-mail me or post a response here.

Thanks!

Jim
WB2TAW@aol.com

3351. Any extended UHF RX mods for the TH-79A(D)???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: wb2taw@aol.com
Message-ID: <46f54b$g80@newsbf02.news.aol.com>
Source record: 211063

I'm considering purchasing the new Kenwood TH-79A(D) HT but before I do, I would really like to know if any mods exist to extend the UHF receive coverage at least up to 470 MHz. If you know if such a mod is at least possible please e-mail me or post a response here. If you have modification details I would appreciate it if you could pass those along too.

Thanks!

Jim
WB2TAW@aol.com

3352. Re: *** 6 meter SSB/CW Handheld ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: slay@netcom.com
Message-ID: <slayDGvz30.Myr@netcom.com>
Source record: 211064

Pete Dziomba (n2mci@mhv.net) wrote:
: The AEA radios were VFO controlled radio's with about 50-100khz range
: before ya had to buy another Xtal... I think they had models from 40 m on
: up to 6M... I used to have the AEA catalog with them in it... There also
: was another Japaneese co. that had a 3 band SSB/CW HT with 6M being one
: of the bands... It was like 40M, 15M, & 6M... I guess the new 6M radio
: from MFJ, although not an HT, might be concidered also... 73 Pete N2MCI

Yeah ... that was a three-band HT 40/15/6m as you've described. It's
a very heavy beast ... reminds me of the original STANDARD 2m HTs
of the mid-70s ....I saw them when they were first introduced by
Tokyo Hy-Power at the Harumi (Tokyo) Ham Fair in August 1992 ... they
have apparently sold a few and then (I think) decided not to push them.
At the Ham Fair ... they had no idea what to even price them at....
they only had three of them at the time ....

Oh well..... nifity idea ....

73 Sandy
WA6BXH/7J1ABV
slay@netcom.com

3353. NEWMARKET HAMFEST - Saturday, November 11

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: lmilrad@passport.ca
Message-ID: <46gfnh$q7u@diplomatic.passport.ca>
Source record: 211065
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,alt.radio.scanner,rec.radio.scanner

The York Region Amateur Radio Club presents The 19th Annual NEWMARKET HAMFEST on Saturday, November 11th, 1995 at Huron Heights Secondary School in Newmarket, Ontario.

Admission: $5.00 per person
Doors open to the general public at 9:00 am Talk-in on VE3YRC 147.225+

This is THE HAMFEST. The one all the others are judged by. 200+ Vendors. In addition to all of Southern Ontario's major Ham Radio Stores, generally Yaesu, Icom and Kenwood are there as well . Plenty of parking. Door prizes. Grand prizes. Refreshments available. Extra space for socializing.

Please note: The Hamfest entrance is at the main entrance to the school on Huron Heights Drive.

Vendor Information:

Tables 1,2 or 3: $15.00 each (Note: These are 6 foot tables)
Tables 4 & 5: $25.00 each
Tables 6+: $50.00 each

Vendors Note: Your ADMISSIONS @ 5.00 per person ARE EXTRA.

TABLES ARE ONLY AVAILABLE BY MAIL. No Bookings will be taken by phone, over the air or by packet. Payment must accompany your registration.

Up until October 21st preference will be given to vendors that attended last year's Hamfest.

Please note our mailing address:

The York Region Amateur Radio Club
P.O. Box 28590
Aurora, Ontario
L4G 6S6

3354. HELP: Magellan Meridian GPS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: lmilrad@passport.ca
Message-ID: <46ggfr$s9n@diplomatic.passport.ca>
Source record: 211066
Cross-posted to: sci.geo.satellite-nav,rec.radio.amateur.misc,rec.radio.amateur.equipment

An amateur radio friend of mine wants to buy a Magellan Meridian and has asked to have have this notice posted. He would be grateful ful answers to the following 2 questions:

1. Does the unit have computer interface capabilities, and if so what kind of cable is reuired.

2. Does anyone know of any instances where it is being used for APRS?

Thanks in advance.
--
Lou Milrad
lmilrad@passport.ca

3355. Re: Military Communications Standards

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: screa@aol.com
Message-ID: <46fico$rno@newsbf02.news.aol.com>
Source record: 211067

I think mil spec 810 has to do with shock/vibration tests. Which does not mean that the radio is type accepted for anything but ham use.
KB6VTU.

3356. Any extended UHF RX mods for TH-79A(D)?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: wb2taw@aol.com
Message-ID: <46flg3$1c8@newsbf02.news.aol.com>
Source record: 211068

I'm considering purchasing the Kenwood TH-79A(D) HT but before I do, I would really like to know if any mods exist to extend the UHF receive coverage at least up to 470 MHz. If you know if such a mod is at least possible please e-mail me or post a response here. If you have modification details I would appreciate it if you could pass those along too.

Thanks!

Jim
WB2TAW@aol.com

3357. Kenwood TH-79A vs TH-79A(D). Whats different???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: wb2taw@aol.com
Message-ID: <46flt6$1oj@newsbf02.news.aol.com>
Source record: 211069

I'm really curious what is different about the new Kenwood TH-79A(D) vs the original TH-79A. I am very familiar with the TH-79A so really what I am trying to find out is what has been added/deleted in the new TH-79A(D). I understand they have addressed the memory channel lockout issue.... any new scan modes? any other new features? have they taken anything away? Any info would be appreciated. E-mail me or post response here.

Thanks!

Jim
WB2TAW@aol.com

3358. FT-51R 15 kHz Step Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: rkmorrow@aol.com
Message-ID: <46fmv8$2of@newsbf02.news.aol.com>
Source record: 211070

When I set the step size to 15 kHz on the VHF segment, the step size refuses to carry across 100 kHz boundaries. For example, I key in 146.52 and step down one; result is 146.50 instead of 146.505. Now I step up one and get 146.515. This makes the 15 kHz step size useless. Anyone else get the same result?

-Bob Morrow WB6GTM

3359. Re: an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: davie@primenet.com
Message-ID: <46fn5i$9pu@nnrp3.news.primenet.com>
Source record: 211071
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.homebrew

In article <46elj9$g28$1@mhafm.production.compuserve.com>,
Erik Westgard <71505.341@CompuServe.COM> wrote:

>
>I was in Hong Kong this summer, staying in the Causeway Bay area. I
>was completely surprised by the number of authorized Icom dealers in

>
>Would I go back- yes. Buy some gear- maybe. Fun place- I have never
>been in more Ham Radio dealers in my life.
>

I would like to add to this thread - I was there not too long ago and I got the feeling many stores were more "communications" stores. They had ham, two way, commercial HF, you name it. Whatever you wanted, whoever you were, they were happy to sell it to you. Perfectly legal, of course, as it would be in the US, as long as you didn't try to use it here, or in HK. I suspect the HK government keeps after toursts trying out their new toys before they leave!

I also found the HK shop keeper's to be the nastiest, most disinterested, discourteous S.O.B.'s I have EVER run into. It was so bad I asked my hotel manager what I was doing wrong. He said "probably nothing", adding "being Caucasian and wanting less than 10 of anything was not a good combination for many sales people; a serious problem in HK". All of this right after visiting Tokyo where the HAM (REAL ham) stores where SO polite and friendly I literally could not believe it.

Dave, WE6L/ Phoenix

3360. Any readers in Japan??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: davie@primenet.com
Message-ID: <46fnjo$9pu@nnrp3.news.primenet.com>
Source record: 211072

Hi,

Just wondering if Tokyo Hi-Power is still selling their (I think it was) 40/15/6 meter ssb HT in Japan. About the time it came out they lost US representation here. (About one to two years ago?)

Thanks, Dave

3361. Kenwood DSP100 Info Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: fmoor@magicnet.net
Message-ID: <46fo4l$t7j@comet2.magicnet.net>
Source record: 211073

I am seeking information on the Kenwood DSP100, has anyone used this equipment
, hooked up to a TS-450, how does it compare to a Timewave DSP-59+?,
Is it worth the money to go to DSP on the IF (currently have a Timewave).
Thanks in advance.

3362. Re: Yaesu FT-10 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: KGTS43A@prodigy.com
Message-ID: <46fonb$dki@usenetw1.news.prodigy.com>
Source record: 211074

I have the new FT-10, as well as a FT-51. As you said, the 10 is a bit bulkier,
especially with the high-power battery. That said, the 10 has great audio on both TX and RX for such a small speaker.

The most notable feature is digital coded squelch, which uses the same scheme used by commercial radios. Course, if you are not intending to use this feature, it might not be worth too much to you...

73, Tom N9CGD

3363. New Files

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: larry_pytlak@mystique.win.net
Message-ID: <136@mystique.win.net>
Source record: 211075

Just wanted to tell you I came across a few new files for Amature radio.

I put them in the Amature Radio Forum, Change to that area and list files from Files menu.

---
* PowerAccess 1.06 Innuendo: an Italian suppository.

3364. New Files

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: leo_parent@mystique.win.net
Message-ID: <142@mystique.win.net>
Source record: 211076

```
LP>
LP>Just wanted to tell you I came across a few new files for
Amature
LP>radio.
LP>
LP>I put them in the Amature Radio Forum, Change to that area and
LP>list files from
LP>Files menu.
LP>
LP>---
LP> * PowerAccess 1.06 Innuendo: an Italian suppository.
LP>
LP>
ok thank you - will be loking fo them LP

---
* PowerAccess 1.06 If the enemy is in range ... so are you!!!
```

3365. Re: an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: d-cripps@dircon.co.uk
Message-ID: <46fqim$5hm@newsgate.dircon.co.uk>
Source record: 211077
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.home

In article <mfogartyDGt3n9.FxL@netcom.com>, mfogarty@netcom.com says...
>
>Folks,
>
>I'm new on the amateur radio scene and need some advice. I'll be going
>to Hong Kong soon and am interested in shopping for an HT. What can you
>advise me about:

One thing's for sure - you will have a fantastic choice of radios! I felt guiddy every time I went shopping.

Every shop in Kowloon sells ham equipment, as well as walkmans, dodgy watches, tee-shirts, sunglasses, you name it, they sell it.

The problem is that there is no such thing as a ham only store (well I didn't find one in the four months I was there). So expert advice is difficult to get.

There are stories abound of people getting ripped off (especially in electrical shops), if it's anything to go by I didn't buy anything while I was there - the fantastic cheap bargins everybody hears about arn't there. The prices seem to be the same as in the UK (eg the newish Sony SW-100 was about 240 sterling).

Save your self a LOT of hassle and buy local - and start up a friendship with the local ham store owner - much better in the long term.

PS I use an ICOM IC2SA and an ICOM IC24SAT, both very reliable - long in the tooth but do everything that the latest all singing HTs do.

My IC2SA has extended TX/RX and even works on marine (156 and up) and Airband RX down to 115MHz.

Good luck in HK, an evening meal in the art-deco cafe on the peak is not to be missed, book a window table and enjoy the view (fond memories flooding back now).

Dave Cripps G7IDB

3366. FS: Icom P4AT 440 pocket size

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: rbryanj@aol.com
Message-ID: <46ftmh$8co@newsbf02.news.aol.com>
Source record: 211078

Hi Bryan here,

I have a mint P4AT, 100 channel with PL, DTMF, Scan, etc. Unit is a spare used very little around the house. Includes softcase, original box and manuals and wall charger.

Asking $220.00 shipped 48 states

3367. Re: Performance of JPS ANC-4?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: geo@nando.net
Message-ID: <46ft9k$iv4@castle.nando.net>
Source record: 211079

rmccarty@deltanet.com (Roger A. McCarty) wrote:

>Has anyone used the JPS ANC-4 noise blanker?
>Your opinion?
>Does it perform as advertised?

It isn't a noise blanker, it uses a second antenna which is 180 out of phase with your main antenna and matched in level with the gain control. Since the second antenna is small (usually indoors) it picks up the noise, not the DX. (signal & noise) - (noise) = signal.

I have played with it in the lab at JPS and reduced 75 meter computer interference from S9+5 to S3! I also helped a guy who had the dreaded Ford fuel pump noise put one in his Crown Vic, he had similar results.

As you might have figured, I work at JPS. Not in marketing, I'm the Engineering Lab Technician. So, you can trust me. :)

73 DE KQ4QM (George)

BTW They still provide a 2 week trial period with a refund of all but shipping costs.

3368. POLARAD ESH-3

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <46g06i$aes@newsbf02.news.aol.com>
Source record: 211080

Anybody know someone who has one?

3369. Re: 6146b neutralization---what does it do?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <46fvec$10pn@ns5-1.CC.Lehigh.EDU>
Source record: 211081

In article <46b3tv$c1c@ncar.ucar.edu>, tomas@ra.cgd.ucar.edu (Bob Tomas) writes:
>What does neutralization of a pair of 6146b tubes do?
>
>bob
It depends upon the application of the pair. Neutralization for a RF
power amp application is usually accomplished via a small capacitance
in the plate to control grid circuit. The technique is not dependent
upon the the particualr tube model in use. ie 6JB6's can be
neutralized the same way as 6146A , 6146B, etc.

For further info you can refer to most any old edition of the ARRL
Amateur Radio Handbook.

73's Dick K8WHA>

3370. Re: 6146b neutralization---what does it do?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <46fvq8$2gak@ns5-1.CC.Lehigh.EDU>
Source record: 211082

In article <46b3tv$c1c@ncar.ucar.edu>, tomas@ra.cgd.ucar.edu (Bob Tomas) writes:
>What does neutralization of a pair of 6146b tubes do?
>
>bob

WoW did I miss this queston or what ??? I thought I read how instead of Why.

Anyway, neutralization is performed in rf amplifiers to prevent unwanted
oscillations. This event reduces useful output and leads to heating
problems. You can recognize the need for neutralization when tuning the
pair of tubes. Maximum output will NOT occur at the dip in plate current.

Oh well, sorry for not reading your post correctly.

73's Dick K8WHA>

3371. Dentron Super Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: rogers@eng15.rochny.USpra.abb.COM
Message-ID: <rogers-9509231254.AA000127653@eng15>
Source record: 211083

Hi All:

Perhaps someone familiar with the Dentron Super Tuner could answer a few questions for me. I just found one for sale at a reasonable price but the owner could not answer my questions. Does anyone know the ratings? Does is have a roller inductor? What does the tuning circuit look like, i.e. transmatch... Has anyone modified one to 160m?

Thank you,
Bill KA2CKI

3372. Re: Icom IC-4SRA

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: mike.brooks@thefishnet.com
Message-ID: <8B3917D.007400096C.uuout@thefishnet.com>
Source record: 211084

I have a Icom IC-4SRA for sale. It is an HT with a scanner built in.
The radio side of the HT covers 430-490 MHz and the scanner side of it
works from 25-1299 MHz. It has 30 memory channels on the 440 side and 60
memory channels on the scanner side. The radio has all kinds of Bells
and whistles to it. I also have a brand new rapid chager to go with it.
The HT is in Excellent shape and I will sell it and the charger for
$375. If Interested leave message ot me @ mike.brooks@thefishnet.com
Thanks
]\/[ike

• SLMR 2.1a • Turn your 486 into an XT, Just add Windows!

3373. Re: VHF HT-1000 4 Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: mike.brooks@thefishnet.com
Message-ID: <8B3917D.007400096D.uuout@thefishnet.com>
Source record: 211085

I have a VHF HT-1000 for sale, It is Excellent shape, Looks like Brand New! 16 channels with scan PL,DPL. Model # H01KDC9AA3AN. I am asking $450 OBO for it. If interested reply to me at mike.brooks@thefishnet.com
Thanks
]\/[ike

 SLMR 2.1a Turn your 486 into an XT, Just add Windows!

3374. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <46g5of$1so@admin5.hsc.uth.tmc.edu>
Source record: 211086

In article <46fc68$8k3@nntp.crl.com>, Dan Brown <danb@a.crl.com> wrote:
> OK, fine. Does that mean they need to use an _anonymous_ remailer?
>There are non-anonymous ones (the one at cs.utexas.edu comes to mind).

Unfortunately, the cs.utexas.edu mail-to-news gateway shut down last week
due to threats from a clueless AOL user.

Send complaints to cyronwode@aol.com. The threads are still reverberating
through news.admin.misc, too.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Next tine, Pinkus, let sleeping guard dogs lie...especially if they have
three heads!" -- The Brain, _Hercules Unwound_

3375. Re: Apoligy to the Group

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <46g61r$718@admin5.hsc.uth.tmc.edu>
Source record: 211087

In article <jlowmanDGvF7p.DFy@netcom.com>,
Jim Lowman <jlowman@netcom.com> wrote:
>IMHO, post all the "for sale" ads here that you want. No one seems
>interested in the more rational idea of creating a new newsgroup in the
>rec.radio.amateur.* hierarchy. If some interest was there, I would have
>been glad to research the necessary procedures for the RFD and CFV to create
>it. Face it, until a move such as this is made, we will continue to have
>the non-problem of FS and WTB ads here. OTOH, this new group might just
>solve what some perceive as a problem. It might also give the FS flamers
>and net cops an excuse to get a life.

It's not a problem for you at Netcom, but I can guarantee that continued
forsale postings here _will_ make the group go away at many sites.

During the reorganization that produced the current rec.radio.amateur.*
groups, it was proposed that the .swap group be placed in the .amateur
hierarchy. The consensus was that that was a Bad Idea both because hams swap
equipment that isn't necessarily ham-specific, and because folks other than
hams swap ham equipment. The group's placement where it is was both
deliberate and the consensus view.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Next tine, Pinkus, let sleeping guard dogs lie...especially if they have
three heads!" -- The Brain, _Hercules Unwound_

3376. 80m handies info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: aaguirr@aleph.FI.uba.AR
Message-ID: <9510230952.AA10101@aleph.fi.uba.ar>
Source record: 211088

hi: i`need information about 80m or 80m and 40m handies (xtal or synth).
i`m not crazy.
i`need a dealer address or a factory address about this ht.
plase replay me by e-mail, because n`t have usenet accsess.
thanks for your time.
anibal aguirre. aaguirr@aleph.fi.uba.ar
LU4DVJ

3377. Re: help with TINY-2

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct23.011433.3529@ke4zv.atl.ga.us>
Source record: 211089

In article <Pine.A32.3.91.951022003840.34003B-100000@academ03.mty.itesm.mx> XE2MXU/N5UHB
<fjorozco@academ03.mty.itesm.mx> writes:
>
>Hi all, here's another 'help-me!!' message:
>
>This time it's about a TINY-2 TNC. The thing connects and accepts
>connections and everything else, BUT, the damn thing doesn't print
>anything on my screen. I can go a ^C, and then 'c xe2xxx', and I will
>the the packets being exchanged, and the 'connect' LED will light up, but
>absolutely nothing shows on the screen. I've tried using procomm,
>Windows Terminal, and a few other dumb terminal programs with no luck.
>(Oh, I also tried XPCOM but couen't get it to acknowledge the tnc)
>
>Any ideas on this one?

Well you've probably got a flow control problem, though broken
hardware is also a possibility. You know you can send to the TNC,
and it behaves as expected in response to commands. Now have you
rechecked your serial cable wiring? The simplest thing when you
suspect flow control problems is to use a 3-wire connection,
gnd, TxD, and RxD only. The Tiny 2 is happy with this, but your
computer software has to be setup to ignore flow control. Procomm
lets you do that, and I expect the others do too.

If your computer has a DE-9 connector for serial use, just wire
pins 2,3,5 of the computer to pins 2,3,5 on the TNC. It should
talk if you've disabled flow control in your computer software.
When you power up the TNC, you should see the sign on banner
printed on your screen.

If your computer has a DB-25 serial connector, then you need
to wire it differently. Wire pin 7 of the computer connector
to pin 5 on the TNC. Pin 2 on the computer to pin 3 on the
TNC. And pin 3 on the computer to pin 2 on the TNC. Note that
pins 2 and 3 are reversed. Again, with flow control disabled
in your software, you should see the sign on banner print on
your screen when you power up the TNC.

If you don't see the sign on banner, then you probably have
a hardware fault. It could be the serial port on the computer,
have you tried that with some other serial device like a telephone
modem? Or it could be a problem in the Tiny 2. You'll have to
get out the test equipment and track that down.

Gary
--

Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3378. Re: fixing swan 250c

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct23.012119.3633@ke4zv.atl.ga.us>
Source record: 211090

In article <46dknq$b08@felix.teclink.net> "Mark J. Acierno" <acierno@teclink.net> writes:
>I bought a swan 250c about a year ago fram a ham in TX that swore that
>the unit worked "the last time I turned it on" wellllll it got here and
>didn't work. Being a student I didn't have the money to fix it (and
>really, I still dont) Is it worth fixing or should I be looking at a new
>mfj 6 m rig?? and who would I even contact about fixing it ?□are there
>people that fix these older units at a reasonable cost - I still have
>education bills to pay!□□

"Didn't work" isn't very descriptive. What are the symptoms? These
rigs are pretty simple. You can certainly fix most problems yourself.
I wouldn't give up on it unless it had something like a fried power
transformer or some other part that's impossible to get from a now
defunct manufacturer.

This *is* amateur radio. You really should try to do more than
turn the knobs on the front. Fixing old rigs is a good introduction
to the workings of radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3379. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: danb@a.crl.com
Message-ID: <46fd61$941@nntp.crl.com>
Source record: 211091

jlowman@netcom.com (Jim Lowman) wrote:

>1) While rec.radio.swap is the correct place for such ads, it is not
>specific to amateur radio equipment.

From other discussions I've seen, this was intentional--amateurs use lots of non-ham equipment (Motorola UHF and VHF business-band radios, for instance). Most of the stuff I've seen in r.r.swap would be appropriate in a group in the .amateur hierarchy, either because (1) it is ham gear, (2) it can be modified to work in ham bands, or (3) it would be used in connection with ham gear.

>2) IMHO, the .forsale naming convention is widespread on the 'net, and is
>more descriptive than .swap.

.swap, .marketplace, and .wanted are about as common as .forsale. Construed strictly, .forsale neglects "wanted" posts (and vice versa). For accuracy's sake, .marketplace seems like the best choice, but I think any of the four is about equally descriptive.

>3) Hopefully, we could guide individuals and commercial advertisers to this
>new newsgroup, thus restoring rec.radio.amateur.equipment to its intended
>purpose.

The same is true of rec.radio.swap.

>For the record, I don't think posting of ads is going to stop, even with the
>flaming that is going on, unless there is a channel for advertisers to use.

There is such a channel, though.

The only real advantage I can see to rec.radio.amateur.{swap | marketplace | forsale} is that it would put a group with the other amateur groups, while the r.r.swap is detached a bit in the alphabetical list. When I saw the list of rec.radio.amateur groups, I went looking for a for-sale group, but apparently others don't bother. I tend to doubt they'd bother anyway, but I'm rather cynical that way.

--
Dan Brown, KE6MKS
danb@a.crl.com, NOT danb@crl.com
Don't tread on me.

3380. Help: Mod 440Mhz to Australian CB Possible?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: Chris Arai <arai@rahul.net>
Message-ID: <46fg1s$b07@bug.rahul.net>
Source record: 211092
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I would like to know if it is possible to modify a 440Mhz hand held to work well on the Australian CB band. I believe it is about 470 Mhz, but I'm not sure. If anyone knows the answer to that question as well I would appreciate it.

Thanks

Chris

arai@rahul.net

--
Chris Arai <arai@rahul.net>

3381. Re: Radio Direction Finding gear.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: k5qq@aol.com
Message-ID: <46fi4q$re1@newsbf02.news.aol.com>
Source record: 211093

The Albuquerque T-Hunters were thinking the same thing about the two articles. Quite a few of us have dopplers and when we looked at the circuit boards and the "stuff" in the boxes, it did not appear to be any cheaper to build than a kit doppler.

Seemed like the two designs were very creative, but when you read the process to understand if the signal was "behind" you and the way you would have to turn around etc, it seems it's not very operationally effective.

I have one of the AB5CK dopplers and it works very good. No problem at any time determining where the signal appears to be coming from. I use four of the Hustler small 1/4 mag mounts and at $17, they are great. The PIN diode and the resistor mount in the base and so I don't even have a switching box on the roof.

I have both of the DF'er used in the articles and have played with them extensively, including the approach of putting them on a rotating mast and turning the mast to the signal null. In a real world environment, the multipath is the biggest issue and to be able to look at a display and realize that is what you are seeing and to determine when it seems you have a direct signal is of utmost importance.

The bottom line is that both work very well for the end point sniff, primarily because they continue to work right up to a transmitter. The The beam and attenuator technique suffer from the signal getting into the radio when you are close.

I don't want to criticize those who are energetic and build stuff, primarily cause I do a lot of fiddling myself, but I'm too lazy to write it up!! However, I think it is incorrect to say these two designs are cheaper than a doppler. However, if their only experience in the costs of a doppler are from looking at the costs of factory assembled units, then I understand the issue.

Adios all
Jim K5QQ

3382. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: chideste@xvnews.unconfigured.domain
Message-ID: <46gc2k$g7i@igate2.pt.cyanamid.com>
Source record: 211094

Why do people have such a problem with using rec.radio.swap? Is it that they don't know it exists? rec.radio.swap is intended for radio sales of all types, CB, amateur, SWL, etc. Who needs another news group? Educate the users! FS and WTB belong in rec.radio.swap period, end sentence.
Dale

3383. Am. auto radios 0.2 MHz tuning resolution

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: ktahola@swri.edu
Message-ID: <46gans$g5u@pemrac.space.swri.edu>
Source record: 211095

Hams, the experts of modifications ...

Most American cars have a built in radio that has a tuning resolution of 0.2 MHz. All the steps are like 89.9-90.1-90.3 etc. no possibility to tune to frequencies like 90.0 or 90.2 MHz. At least in some parts of Europe the used channel resolution is 0.1 MHz. The mark of my radio is DELCO and the model I don't know right now, it is not marked on front panel.

Does anyone have experience on modifications if there is any reasonable to cover this?
How does it discord to listen a station having a 0.1 MHz offset on these 0.2 MHz resolution radios?
Do they have wider filters?

I appreciate if somebody can answer to these kinds of questions.

Kimmo, W5/OH3WU

3384. Yaesu FT-911 Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <46ggik$hfb@news1.deltanet.com>
Source record: 211096

I just picked up an FT-911 (1.2GHZ) HT. Are there any mods availible
that will :
A) Speed up the scan rate, or
B) Increase RX range?
Please respond via e-mail. thx and 73

****
* Mike Krueger "Back up my hard drive?!? *
* KC6ZSF I can't even find the *
* County of Orange RACES reverse switch....." *
* CPRA/APCO *
* E-Mail mikek@deltanet.com *
* Packet KC6ZSF@W6KRW.#SOCA.CA.USA.NOAM *
****

3385. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: k2ph@dxis.monroe.pa.us
Message-ID: <DGwtsM.1rx@dxis.monroe.pa.us>
Source record: 211097

From article <46gc2k$g7i@igate2.pt.cyanamid.com>, by chideste@xvnews.unconfigured.domain (Dale Chidester):
>
> Why do people have such a problem with using rec.radio.swap? Is it that they don't
> know it exists? rec.radio.swap is intended for radio sales of all types, CB,
> amateur, SWL, etc. Who needs another news group? Educate the users! FS and WTB
> belong in rec.radio.swap period, end sentence.

I think you hit the nail on the head. I suspect the big problem is that newcomers don't know about rec.radio.swap. It's not even in the same hierarchy as the amateur radio groups. Newbies come in, see the rec.radio.amateur hierarchy, see no forsale group, but see an equipment group and think this must be the place. It's an easy mistake to make.

Yes, if they read the Guide to the Personal Radio Newsgroups they wouldn't make the mistake. The Guide has lots of very useful info. Unfortunately, the Guide is some 200+ lines in length. I wonder how many people actually read it. Probably not many.

I would support a rec.radio.amateur.forsale newsgroup. I think this would be far more intuitive for newcomers to figure out. Perhaps a short, weekly "charter of the newsgroups" message would be useful as well -- provided the author signs his/her/its name. 8^{)

73,
Bob K2PH

--
+------------------ \-\-\-\ ----------------------------+
Bob Schreibmaier K2PH	E-MAIL: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

3386. Ten-Tec Model 405 Linear Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: parland@aol.com
Message-ID: <46ggpg$luj@newsbf02.news.aol.com>
Source record: 211098

I have a Model 405 linear amp in mint condition with manual and orignal knobs for sale for $150 (I ship). 1.5 watts input on 80-10 meters gives 50 watts output on CW or SSB.

Privage e-mail to: PArland@aol.com

3387. Re: 6146b neutralization---what does it do?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: wcabov@globalxs.nl
Message-ID: <46gh61$4ac@obelix.GlobalXS.nl>
Source record: 211099

tomas@ra.cgd.ucar.edu (Bob Tomas) wrote:

>What does neutralization of a pair of 6146b tubes do?

>bob

If you dont neutralize these tubes they will start oscilating
by it self and start transmitting on random frequencies, instead
of the desired freq
Wim Bovendeert (PAoWCA)

3388. NEED: Schematic for Heath HW-8 QRP Rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: dmock@vaxa.clarion.edu
Message-ID: <46gia0$chc@jake.esu.edu>
Source record: 211100

Thanks for reading this. I picked up a Heathkit HW-8 QRP radio over the weekend at an auction and now I'm looking for a schematic.

If you can help, please e-mail me at dmock@vaxa.clarion.edu

TNX Don, N3IHC

3389. WTB: Leather case for th78a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <46gjph$301@uwm.edu>
Source record: 211101

Email with info.

nate, KB9LSX

3390. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-23 00:00:00 UTC
From: mjjohn5@lookout.mtt.it.uswc.uswest.com
Message-ID: <DGwrJr.G1L@da_vinci.ecte.uswc.uswest.com>
Source record: 211102

In article <jlowmanDGvoHu.IH8@netcom.com> jlowman@netcom.com (Jim Lowman) writes:

>
>1) While rec.radio.swap is the correct place for such ads, it is not
>specific to amateur radio equipment.

Sense this mess started I have been paying more attention to
rec.radio.swap. Most of the post do seem to relate to amateur radio
equipment or at least to equipment that could be used by hams.

>
>2) IMHO, the .forsale naming convention is widespread on the 'net, and is
>more descriptive than .swap.

I agree. The normal convention for such groups on the internet seems to
be forsale.

Also, as has been pointed out, rec.radio.swap does not follow the
rec.radio.amateur naming convention for newsgroups related to ham radio.
If someone is looking at a list of newsgroups. It does look like
rec.radio.amateur.equipment would be the place for fs posts.

>
>
If there is not a need for two such groups, maybe the rec.radio.swap
should be removed and rec.radio.amateur.forsale should take its place.

Thanks
73
Mark
WA0DCA

3391. Hostmaster for Kam Plus Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: ew9186@u.cc.utah.edu
Message-ID: <46iu6a$f3k@news.cc.utah.edu>
Source record: 210903

I was considering getting the Hostmaster software for the
Kam Plus (the split window features look intriguing and useful.)
Does anyone out there have any comments or opinions on how useful
this piece of software is, or if there is better software available
elsewhere?

3392. WTB:Tube for Tectroniics 422 o.scope

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: dwshock@usa.net
Message-ID: <46j185$s0k@shiva.usa.net>
Source record: 210904

Does anyone know where I can find a o.scope for a Tectronics 422 O.Scope?
The tube that is used now has lost it's intentsity. I can't find the
number of the tube anywhere.
Any help or suggestions would be appreciated!!! E-mail me with any info
please.

Thanks
Doug/AA0UF

3393. MFJ 1278 **Junk** for slow scan/wefax?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <46j4kb$6kg@newsbf02.news.aol.com>
Source record: 210905

I have an older model 1278 (v. 3.4 firmware) that I am thinking of updating to be able to use for slow scan/wefax. Anyone out there have any success with this monster for that? I don't want to spend the 75 bucks or so to get the firmware es software to do it only to find that it is horrible quality (which I have heard). Advice? Comments? Tnx es 73 Mike KS4DA

3394. Re: How Good is TS-850 on CW?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <814556806.13305@pinetree.microserve.com>
Source record: 210906

hgoldste@bbs.mpcs.com (Howard Goldstein) wrote:

>Infant mortality claimed the rf front end but the service was fast and
>effective. Having an intermittent problem now though on receive, I think
>the T/R relay is dirty as on some power ups the rcvr is dead until I
>transmit.

Do these use a relay to key the rig on CW?

Jack WB3U

3395. IC 706 - TX Audio problem?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <46jak7$228@solaris.cc.vt.edu>
Source record: 210907

I have heard a couple of reports (one of them from an owner of the 706) of possible transmit audio problems on the IC 706. I am wondering if any others who own 706's have or had similar problems. The problem seems to revolve around constricted or "pinched" sounding transmit audio as if the person was speaking through a tube. This is interesting since HRO advertises the 706 as being 100% quality checked by ICOM America (see the HRO web page under new products). I am wondering if this is a rare problem or one which is more pervasive? Since there are many of us out here in cyberspace who are interested in the radio, responses to this inquiry here, on this net, would be most appreciated.

Greg KN4FR

3396. Drake R7 Freq display problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: russ@gslink.net
Message-ID: <46jeh4$b4f@ddi2.digital.net>
Source record: 210908

The DR7 display on my receiver suffers from the digits blanking out, erroneous digit readings. Has anyone suffered from this? I'm thinking of replacing the latches and BCD chips that feed the display driver. Any comments or suggestions welcomed.

Russ

3397. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: Mike Lubrecht <flowmole@accessone.com>
Message-ID: <46j8n6$8iu@news.accessone.com>
Source record: 210909

Apologies in advance if this shows up twice!

Does anyone have hardware or firmware mods to extend RX/TX range of Icom IC-W31A? This is my first ham radio -- I just passed my Technician class license and am waiting for my call sign. I'm looking forward to getting on the air. Thanks in advance to anyone who can assist!

Mike

3398. Re: Hostmaster for Kam Plus Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: kleerdex@epix.net
Message-ID: <46jbue$3ba@guava.epix.net>
Source record: 210910

In article <46iu6a$f3k@news.cc.utah.edu>, ew9186@u.cc.utah.edu (Eugene Watanabe) says:
>
>I was considering getting the Hostmaster software for the
>Kam Plus (the split window features look intriguing and useful.)
>Does anyone out there have any comments or opinions on how useful
>this piece of software is, or if there is better software available
>elsewhere?
>
I've been using Hostmaster with my KAM for several years and am quite
happy with it. The whole point of my getting the KAM in the first place
was to simultaneously work HF digital modes and monitor the DXcluster,
and I never found another satisfactory package to do that other than
Hostmaster.

As you probably know, it is a DOS-based program, but works well enough
in a windows environment and is reasonably friendly. Good luck!

73 es CUL, =Vic= WA4THR

3399. Re: FLAMES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: pklein@handel.seattleu.edu
Message-ID: <46jecd$iql@handel.seattleu.edu>
Source record: 210911

I sent the following email to someone who was recently flamed here. I am also posting it to the group on the chance that it might make someone think twice the next time they want to flame.

>I'd like to take this opportunity to thank all who sent me tons of mail
>suggesting that I take my ad about the T-T linear to another list.

I was not one of those people, but let me apologize for them.

It does not excuse the behavior, but let me put it in perspective. Unfortunately, civility in our society has gone way downhill. Even the ham bands have degenerated significantly in the 26 years I've been a ham.

USENET may contain much useful information, and some very knowledgeable and interesting people. But its lowest common denominator of social skills and maturity is that of the junior high school locker room. When on-line people will say things that they would never dare say face-to-face. Part of it is anonymity, part of it is just the nature of the medium. A lot of folks who use computer BBSes, online services and the Internet are verbally aggressive types who just like to argue, complain, flame, slam, and correct everybody else. And as in the general society, it is often the loudest, rudest people who set the tone.

The other side of the equation is that commercial interests are moving in on the Internet. Some folks consider it a public service to flame any and all commercial messages. Others pick up the call, and extend that to any "for sale" posting in a non-sales newsgroup. Sort of like the self-appointed guardians of Proper Procedure on 2-meter repeaters. And then it's "monkey see, monkey do."

The next thing you know, the hapless newcomer is deluged with angry email. Unfortunately, this sort of thing has become almost a rite-of-passage on the Internet. Of course, none of the people who emailed you have seen anybody else's mail on the same subject. Which doesn't help you. One thing I would advise: if any one person "punished" you by sending multiple duplicate emails to your personal email account (as opposed to the newsgroup/mailing list), send a message to

postmaster@wherever_they_posted_from.com

Mailbox jamming is a much more serious Netiquette offense than posting a message in the wrong group. Let the postmaster deal with the offender.

As you've probably know by now, rec.radio.swap is the agreed upon-place for posting radio equipment for sale. Good luck there. I have bought a couple of things there, and have been very pleased.

>The flip side: I am a radio hobby press journalist. I have a column in
>Monitoring Times, several of my feature articles have appeared in QST and
>CQ in the last year. I also have authored several books on ham radio. Rest
>assured, when it comes time to recomment any USENET groups or mailing
>lists, I will not mention this one.

That would be a pity. I have gotten much useful information here. The kind of rudeness you experienced is a problem of online communications in general, not this group in particular. Check out the the pro/anti "right wing radio" debates in rec.radio.shortwave, or the code/no-code religious wars in rec.radio.amateur.misc. Or any newsgroup devoted to political or cultural discussion.

Rather than suggest your readers avoid this newsgroup, I'd advise them to ignore the nonsense and use the Net for what it's worth. Also, clue them in on a wonderful feature known in UNIX as the "kill file," and in the DOS/Windows mail packet reader world as the "twit filter." It enables you to configure your reader to ignore messages to/from specific people or about specific subjects.

Again, I regret the rudeness you have experienced here, and hope that what I've written here is helpful.

73 -
Peter, KD7MW

--
Peter A. Klein (pklein@seattleu.edu) : ------==3== --- ---
Information Services, 5569 : | | | | | | | |
Seattle University : @| @| @| @| @| @| @| @|

3400. Re: Yaesu repair help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDGywLI.C7H@netcom.com>
Source record: 210912

In article <wright-2410950643580001@jbw.csbsdal.org> wright@onramp.net (jeff wright) writes:
>In article <lfloydDGxtzs.HM7@netcom.com>, lfloyd@netcom.com (L. Floyd) wrote:
>
>> I need to send in my Yaesu FT-2400 for some repairs. Can anyone help me
>>
>Good luck.
>

"Good luck" is right. Service from the big 3 seems to be a crapshot these days. I sent in my FT736R asking for check of power supply noise and general set of updates. 8 phone calls and 2 months later I'm getting it back with no net improvement except for a replacement of the lithium memory battery. Maybe they're better at fixing HTs than the bigger radios.

73 Dave WB0GAZ dgf@netcom.com

3401. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDGyz8K.BMA@netcom.com>
Source record: 210913

MICHAEL T. HODGSON (REDLIGHT@NANDO.NET) wrote:

: why would we do away with rec.radio.swap???? alot of things change hands on
: this group amongst commercial radio users, shortwave listeners and such..not
: all of us are hams and although we might look at a rec.radio.amateur.forsale
: groups for possible sources of equipment we rely on rec.radio.swap for our
: mainstay of a source for equipment.

My proposal was to add a newsgroup, not replace .swap. Sorry if I wasn't
clear on that.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

3402. Re: an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <46hubj$rmr@ixnews7.ix.netcom.com>
Source record: 210914
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.homebrew

In <46c23i$6i9@bighorn.accessnv.com> ad7k@bighorn.accessnv.com (Squeak Porray) writes:
>
>If you want my name just ask. (timhynde@ix.netcom.com) wrote:
>
>: >to Hong Kong soon and am interested in shopping for an HT. What can
>: you
>: >advise me about:
>
>
>: I'd save myselft the trouble and buy from a stateside distributor,
>
>Comments from a "Stateside distributor", who has had experience both ways
>...
>
>If you buy a radio from someone you never saw before, and never expect to
>see again, all he is going to be interested in is getting your money out
>of your wallet and you on your way.
>
>If you buy from a local (or regional) dealer, you are buying from someone
>who wants to see YOU happy, since he hopes that you will come back again
>and again, for all those accessories, mobile radios, antennas and the
>like that we hams always need to add to our collection.
>
>If you bring in an oversees "Yaekenicostanco" radio, you will have NO US
>warranty - the American distributors warrant only those radios that they
>import, and quite possibly might not service them - they are completely
>within their rights to do so. There very well may be (as has been in the
>past) board or component differences between various versions of the
>radio destined for different countries, thus compounding the situation.
>(Some manufacturers have had up to five different versions of the same

>radio - with each version destined for a different market area, with
>different regulations.)
>
>If you buy the radio from a local (or regional) dealer, you have
someone
>you can go to with questions and problems ... but long-distance calls
to
>Hong Kong to get answers to a question get expensive - to say nothing
of
>"how do you ask someone how to program odd splits for repeaters into
your
>new handy - when he is only really fluent, technically, in Chinese?"
>
>I doubt that you will find any significant price differentials in
buying
>in Hong Kong ... that was true years ago (I was there during the
VietNam
>era), but not now, with the global economy/distribution situation now
in
>existance. However, you can find real bargains in Hong Kong on things
>that are local-labor-intensive (like tailored suits for example).
>
>Enjoy your trip ... take the tram to the top of Victoria Peak and let
me
>know if the view is still as grand as it was on Christmas Day of 1972
..
>and good luck to you!
>
>Very 73,
>
>"Squeak" Porray, AD7K
>Manager, Amateur Electronic Supply/Las Vegas
>
>ps: I hope you don't think I am touting just our company ... in the
>above, I speak for the Amateur Radio community in general, and I think

>that it speaks for all domestic Amateur Radio Dealers as well.
>

I agree Squeek !!! Very well said.

73's

Kevin

3403. Re: Yaesu repair help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <46i034$so0@ixnews3.ix.netcom.com>
Source record: 210915

In <lfloydDGxtzs.HM7@netcom.com> lfloyd@netcom.com (L. Floyd) writes:
>
>I need to send in my Yaesu FT-2400 for some repairs. Can anyone help
me
>with the phone number and/or address for Yaesu's west coast repair
shop?
>

>Larry - WB5HHM (/6)
>
>--
>
>L. Floyd
>lfloyd@netcom.com
>ftp://ftp.netcom.com/pub/lf/lfloyd/homepage.html

Hello Mr. Floyd,

Contact Yaesu USA at:

YAESU USA
17210 Edwards Road
Cerritos, CA 90703

Phone: 310-404-2700
(8-5 pm PST)

73's

Kevin

3404. Returned mail: Local configuration error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: MAILER-DAEMON@uoknor.EDU
Message-ID: <199510240622.BAA08689@ooz.backbone.uoknor.edu>
Source record: 210916

```
This is a MIME-encapsulated message

--BAA08689.814515766/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 01:22:44 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--BAA08689.814515766/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id BAA08687 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 01:22:44 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id BAA00555 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 01:21:56 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSU1JPNLC004N6C@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 01:26:19 -0500 (CDT)
Date: Tue, 24 Oct 1995 01:26:18 -0500 (CDT)
Subject: Ham-Equip Digest V95 #542
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSU1JR9GI004N6C@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSU19KR0G0043TE@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 01:26:07 -0500 (CDT)
Received: by mail.ucsd.edu; id WAA12611 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 22:06:27 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id WAA12582 sendmail 8.6.12/UCSD-2.2-sun Mon,
```

23 Oct 1995 22:06:23 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 22:06:21 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #542
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240506.WAA12582@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 542

Today's Topics:
Another ICW2A Question
Apoligy to the Group
fixing swan 250c
IC-W31A Mods?
Opinions wanted: new newsgroup .forsale (2 msgs)
Returned mail: Local configuration error

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 21:31:54 GMT
From: pepperh@demo.bb.unisys.com (Hugh M. Pepper)
Subject: Another ICW2A Question

In article <SO-PATU.95Oct20101835@stekt14.oulu.fi>, so-patu@stekt14.oulu.fi (Timo Patana)
says:
>
>
>I have been trying to find a way how to disable receiving audio
>on W2 when transmitting an the other band. I have tried several
>ways how to do it, but without success so far. If somebody knows
>how to solve this, i'd like to hear from you.

Not to be simplistic here, but can't you just turn down the volume on the VFO
that you don't want to hear.. there are separate volume controls for
each VFO...

Hugh -

pepperh@demo.bb.unisys.com

Date: Mon, 23 Oct 1995 21:33:16 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Apoligy to the Group

Jay Maynard (jmaynard@admin5.hsc.uth.tmc.edu) wrote:

: It's not a problem for you at Netcom, but I can guarantee that continued
: forsale postings here _will_ make the group go away at many sites.

I have to admit, I was unaware of this problem until late in the discussion.

: During the reorganization that produced the current rec.radio.amateur.*
: groups, it was proposed that the .swap group be placed in the .amateur
: hierarchy. The consensus was that that was a Bad Idea both because hams swap
: equipment that isn't necessarily ham-specific, and because folks other than
: hams swap ham equipment. The group's placement where it is was both
: deliberate and the consensus view.

Well, even after a year, things change. I started another thread, offering
to propose the new group rec.radio.amateur.forsale, which I will check next.

BTW, I am not proposing that we dump the .swap group, only that we create a
new newsgroup that would be used for buying, selling and trading amateur
geam and related items, such as test equipment, tubes, etc. I am not saying
that this is the only answer, just that we should examine the situation as
it exists today.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: 22 Oct 1995 14:33:30 GMT
From: "Mark J. Acierno" <acierno@teclink.net>
Subject: fixing swan 250c

I bought a swan 250c about a year ago fram a ham in TX that swore that
the unit worked "the last time I turned it on" wellllll it got here and
didn't work. Being a student I didn't have the money to fix it (and
really, I still dont) Is it worth fixing or should I be looking at a new
mfj 6 m rig?? and who would I even contact about fixing it ?□are there
people that fix these older units at a reasonable cost - I still have
education bills to pay!□□

thanx
mark

Date: 23 Oct 1995 22:06:33 GMT
From: Mike Lubrecht <flowmole@accessone.com>
Subject: IC-W31A Mods?

I just bought a new Icom IC-W31A (my first ham radio on my new technician-class ticket!) and am interested in finding out any modifications to extend the receive range: particularly mods. that just involve keypad inputs/system resets. I would also be interested in hardware mods to increase the TX range, if they're not too difficult.

Either E-mail me (a preserve bandwidth) or post - I haven't seen much info on the W-31A, so there may be others who are interested.

Thanks!
Mike

Date: Mon, 23 Oct 1995 22:29:16 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Opinions wanted: new newsgroup .forsale

Dale Chidester (chideste@xvnews.unconfigured.domain) wrote:

: Why do people have such a problem with using rec.radio.swap? Is it that they don't
: know it exists? rec.radio.swap is intended for radio sales of all types, CB,
: amateur, SWL, etc. Who needs another news group? Educate the users! FS and WTB
: belong in rec.radio.swap period, end sentence.

It probably is that they do not know that .swap exists, because it is outside of the rec.radio.amateur.* hierarchy. I, for one, would prefer to have a newsgroup that was dedicateed to sale/trade/purchase of *amateur* equipment only. What is so wrong with creating a new newsgroup with a more specific purpose?

Obviously, continuing to repeat the same dogma has not made the problem go away. Maybe nothing will.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: Mon, 23 Oct 1995 15:40:39 GMT
From: mjjohn5@lookout.mtt.it.uswc.uswest.com (Mark Johnson)
Subject: Opinions wanted: new newsgroup .forsale

In article <jlowmanDGvoHu.IH8@netcom.com> jlowman@netcom.com (Jim Lowman) writes:

>
>1) While rec.radio.swap is the correct place for such ads, it is not
>specific to amateur radio equipment.

Sense this mess started I have been paying more attention to
rec.radio.swap. Most of the post do seem to relate to amateur radio
equipment or at least to equipment that could be used by hams.

>
>2) IMHO, the .forsale naming convention is widespread on the 'net, and is
>more descriptive than .swap.

I agree. The normal convention for such groups on the internet seems to
be forsale.

Also, as has been pointed out, rec.radio.swap does not follow the
rec.radio.amateur naming convention for newsgroups related to ham radio.
If someone is looking at a list of newsgroups. It does look like
rec.radio.amateur.equipment would be the place for fs posts.

>
>
If there is not a need for two such groups, maybe the rec.radio.swap
should be removed and rec.radio.amateur.forsale should take its place.

Thanks
73
Mark
WA0DCA

Date: 24 Oct 95 05:02:00 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--AAA08222.814510920/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 00:01:59 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--AAA08222.814510920/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id AAA08220 for <arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 00:01:59 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id AAA00498 for <arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 00:01:11 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu (PMDF V4.3-13 #7521) id <01HWSR7HW4K0004KN5@aardvark.ucs.uoknor.edu>; Tue, 24 Oct 1995 00:05:36 -0500 (CDT)
Date: Tue, 24 Oct 1995 00:05:35 -0500 (CDT)
Subject: Ham-Equip Digest V95 #541
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSR7HY02Q004KN5@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu (PMDF V4.3-13 #7521) id <01HWSR7936GG004WW0@aardvark.ucs.uoknor.edu>; Tue, 24 Oct 1995 00:05:24 -0500 (CDT)
Received: by mail.ucsd.edu; id UAA01776 sendmail 8.6.12/UCSD-2.2-sun Mon, 23 Oct 1995 20:52:08 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id UAA01760 sendmail 8.6.12/UCSD-2.2-sun Mon, 23 Oct 1995 20:52:06 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 20:52:04 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #541
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240352.UAA01760@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 541

Today's Topics:
** This Group Is Not For Sales or Purchases **
6146b neutralization---what does it do?
How Many FT-530 mods are there?
Info Needed on VE3YRC
Returned mail: Local configuration error (2 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 16:41:04 -0500
From: jmaynard@admin5.hsc.uth.tmc.edu (Jay Maynard)
Subject: ** This Group Is Not For Sales or Purchases **

In article <46gco2$a90@utopia.hacktic.nl>,
Anonymous <nowhere@bsu-cs.bsu.edu> wrote:
>This is one of the reasons anonymous remailers exist. No one would
>want this garbage in their mailbox.

The whole reason for those messages is your anonymity. If you were to post
under your own ID, you wouldn't have this problem.

I agree with the sentiments expressed, if not perhaps the language.

>The message is still the same. Ads belong on rec.radio.swap.

Yes, it is, but you are discrediting the message by your cowardice.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Next tine, Pinkus, let sleeping guard dogs lie...especially if they have
three heads!" -- The Brain, _Hercules Unwound_

Date: Mon, 23 Oct 1995 13:25:28 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: 6146b neutralization---what does it do?

In article <46b3tv$c1c@ncar.ucar.edu>,
tomas@ra.cgd.ucar.edu (Bob Tomas) wrote:
>What does neutralization of a pair of 6146b tubes do?
>
>bob

The main reason for neutralization is to prevent the tube(s) from oscillating.
An additional side benefit is that it makes the point of maximum power output
and minimum plate current the same. Otherwise, the tuning would be slightly
different for each. Neutralization is almost always required for
grounded-cathode amplifiers, and sometimes for grounded-grid too.

73, Bill W7LZP
wrt@eskimo.com

Date: 23 Oct 1995 21:11:25 GMT
From: HSHK84D@prodigy.com (Philip Stockmal)
Subject: How Many FT-530 mods are there?

Hi,
I am wondering how many mods are known that are for the Yaesu FT-530 HT.
I own one and I would like to do some of these mods on my HT. If you know
of any, no matter how old the mod is please send it to me at my E-Mail
address.
Thanks in advance...

Phil Stockmal, N1TMG
HSHK84D@PRODIGY.COM
President: 21 & Under DXing & CONTESTing Club

Date: Sat, 21 Oct 95 22:14:53 GMT
From: sdavid@terraport.net (Shivantha David)
Subject: Info Needed on VE3YRC

I am looking for any information on the York Region Amateur Radio Club.
Any info on club contacts and meetings will be appreciated.

Thanks in Advance,
Shiv.

Date: 24 Oct 95 02:55:49 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--VAA07016.814503349/ooz.backbone.uoknor.edu

The original message was received at Mon, 23 Oct 1995 21:55:48 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--VAA07016.814503349/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id VAA07014 for

<areees@ELECT1.CHEM.uoknor.edu>; Mon, 23 Oct 1995 21:55:48 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id VAA00380 for
<arees@elect4.uoknor.edu>; Mon, 23 Oct 1995 21:55:00 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSMT365IO004PWU@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 21:59:25 -0500 (CDT)
Date: Mon, 23 Oct 1995 21:59:25 -0500 (CDT)
Subject: Ham-Equip Digest V95 #539
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSMT38TYQ004PWU@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSMSVSDM80047JF@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 21:59:15 -0500 (CDT)
Received: by mail.ucsd.edu; id MAA23574 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 12:31:04 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id MAA23543 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 12:31:01 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 12:30:59 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #539
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510231931.MAA23543@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 539

Today's Topics:
** This Group Is Not For Sales or Purchases **
6146b neutralization---what does it do?
80m handies info
an HT from Hong Kong?
Dead Tubes? ? ??
Dentron Super Tuner
fixing swan 250c
FS: Icom P4AT 440 pocket size
Help: Mod 440Mhz to Australian CB Possible?

help with TINY-2
IC-706 VHF Mod
Jimmie "The Tube Man" Hawkins - What to do in this situation?
Kenwood TS-820
Military Communications Standards
Need help with ignition noise problem...
New MFJ 6 Meter SSB Rig
Opinions wanted: new newsgroup .forsale
POLARAD ESH-3
Radio Direction Finding gear.
Want: Service manual for TM-2570A
Want manual for AN/USM 117C OSCOPE
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 10:48:59 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: ** This Group Is Not For Sales or Purchases **

Hello,

As a new person to Internet, what I've learned here is.........

1.) The FAQ is too long and complicated to read, so it's ok to ignore it
and do what ever you like.

2.) The correct way to applogize for being insulting is with another
insult and a touch of superiority and more name calling mixed in.

3.) If I'm doing something wrong, and someone else corrects me in an
inappropriate manner, my response should be it to continue doing the wrong
thing on purpose to "teach my rival or subordinate a lesson" without
regard for my own ill-behavior. The ability to show someone else "I don't
have to listen to my underlings" would supersede maturity in this
situation, and excuse any poor behavior on my part.

4.) The people that cause or create all problems are from AOL or other
easy access services. Without them, none of this would occur.

5.) This group is really not for sales or purchases.

Do I have it all correct?

73 Tom

Date: 22 Oct 1995 00:57:35 GMT
From: Floyd Sense <sentek@nando.net>
Subject: 6146b neutralization---what does it do?

The purpose of neutralization of any rf amplifier stage is to balance out
effects of the grid-plate capacitance coupling in the amplifier. One of
the effects of an un neutralized amplifier is the possibility of the
stage breaking into oscillation. I suggest that you follow the
neutralization procedure described in the transmitter manual. It's not a
difficult thing to do.

Date: 23 Oct 95 09:52:51 GMT
From: aaguirr@aleph.FI.uba.AR (Anibal Aguirre)
Subject: 80m handies info

hi: i`need information about 80m or 80m and 40m handies (xtal or synth).
i`m not crazy.
i`need a dealer address or a factory address about this ht.
plase replay me by e-mail, because n`t have usenet accsess.
thanks for your time.
anibal aguirre. aaguirr@aleph.fi.uba.ar
LU4DVJ

Date: 23 Oct 1995 15:02:54 GMT
From: bobw@col.hp.com (Bob Witte)
Subject: an HT from Hong Kong?

David Cripps (d-cripps@dircon.co.uk) wrote:

: One thing's for sure - you will have a fantastic choice of radios! I felt guiddy
: every time I went shopping.

<snip>

: There are stories abound of people getting ripped off (especially in electrical shops),
: if it's anything to go by I didn't buy anything while I was there - the fantastic cheap
: bargins everybody hears about arn't there. The prices seem to be the same as
: in the UK (eg the newish Sony SW-100 was about 240 sterling).

: Save your self a LOT of hassle and buy local - and start up a friendship with the local
: ham store owner - much better in the long term.

After watching the discussion on this topic, my thoughts condense down
to this advice:
Enjoy the shopping experience (the variety of radios, old and new mixed
in with walkmans and electric razors) but buy very selectively (the
occasional good deal might show up but don't plan on a major radio
shopping trip).

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

Date: 22 Oct 1995 00:45:12 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Dead Tubes? ? ??

Agreed. Don't remember what kind of rig was mentioned, but, if it's a
Heath kit, chances are about 100 percent that what you say is true.

Date: 23 Oct 95 12:54:57 GMT
From: rogers@eng15.rochny.USpra.abb.COM (Bill_Rogers)
Subject: Dentron Super Tuner

Hi All:

Perhaps someone familiar with the Dentron Super Tuner could answer a few questions for me. I just found one for sale at a reasonable price but the owner could not answer my questions. Does anyone know the ratings? Does is have a roller inductor? What does the tuning circuit look like, i.e. transmatch... Has anyone modified one to 160m?

Thank you,
Bill KA2CKI

Date: Mon, 23 Oct 1995 01:21:19 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: fixing swan 250c

In article <46dknq$b08@felix.teclink.net> "Mark J. Acierno" <acierno@teclink.net> writes:
>I bought a swan 250c about a year ago fram a ham in TX that swore that
>the unit worked "the last time I turned it on" wellllll it got here and
>didn't work. Being a student I didn't have the money to fix it (and
>really, I still dont) Is it worth fixing or should I be looking at a new
>mfj 6 m rig?? and who would I even contact about fixing it ?□are there
>people that fix these older units at a reasonable cost - I still have
>education bills to pay!□□

"Didn't work" isn't very descriptive. What are the symptoms? These rigs are pretty simple. You can certainly fix most problems yourself. I wouldn't give up on it unless it had something like a fried power transformer or some other part that's impossible to get from a now defunct manufacturer.

This *is* amateur radio. You really should try to do more than turn the knobs on the front. Fixing old rigs is a good introduction to the workings of radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Oct 1995 07:18:41 -0400
From: rbryanj@aol.com (RBryanJ)
Subject: FS: Icom P4AT 440 pocket size

Hi Bryan here,

I have a mint P4AT, 100 channel with PL, DTMF, Scan, etc. Unit is a spare
used very little around the house. Includes softcase, original box and
manuals and wall charger.

Asking $220.00 shipped 48 states

Date: 23 Oct 1995 07:25:48 GMT
From: Chris Arai <arai@rahul.net>
Subject: Help: Mod 440Mhz to Australian CB Possible?

I would like to know if it is possible to modify a 440Mhz hand held to
work well on the Australian CB band. I believe it is about 470 Mhz, but
I'm not sure. If anyone knows the answer to that question as well I
would appreciate it.

Thanks

Chris

arai@rahul.net

--
Chris Arai <arai@rahul.net>

Date: Mon, 23 Oct 1995 01:14:33 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: help with TINY-2

In article <Pine.A32.3.91.951022003840.34003B-100000@academ03.mty.itesm.mx> XE2MXU/N5UHB
<fjorozco@academ03.mty.itesm.mx> writes:
>
>Hi all, here's another 'help-me!!' message:
>
>This time it's about a TINY-2 TNC. The thing connects and accepts
>connections and everything else, BUT, the damn thing doesn't print
>anything on my screen. I can go a ^C, and then 'c xe2xxx', and I will
>the the packets being exchanged, and the 'connect' LED will light up, but
>absolutely nothing shows on the screen. I've tried using procomm,
>Windows Terminal, and a few other dumb terminal programs with no luck.

>(Oh, I also tried XPCOM but couen't get it to acknowledge the tnc)
>
>Any ideas on this one?

Well you've probably got a flow control problem, though broken
hardware is also a possibility. You know you can send to the TNC,
and it behaves as expected in response to commands. Now have you
rechecked your serial cable wiring? The simplest thing when you
suspect flow control problems is to use a 3-wire connection,
gnd, TxD, and RxD only. The Tiny 2 is happy with this, but your
computer software has to be setup to ignore flow control. Procomm
lets you do that, and I expect the others do too.

If your computer has a DE-9 connector for serial use, just wire
pins 2,3,5 of the computer to pins 2,3,5 on the TNC. It should
talk if you've disabled flow control in your computer software.
When you power up the TNC, you should see the sign on banner
printed on your screen.

If your computer has a DB-25 serial connector, then you need
to wire it differently. Wire pin 7 of the computer connector
to pin 5 on the TNC. Pin 2 on the computer to pin 3 on the
TNC. And pin 3 on the computer to pin 2 on the TNC. Note that
pins 2 and 3 are reversed. Again, with flow control disabled
in your software, you should see the sign on banner print on
your screen when you power up the TNC.

If you don't see the sign on banner, then you probably have
a hardware fault. It could be the serial port on the computer,
have you tried that with some other serial device like a telephone
modem? Or it could be a problem in the Tiny 2. You'll have to
get out the test equipment and track that down.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 22 Oct 1995 15:26:10 GMT
From: "Stephen C. Gross" <sgross@enet.net>
Subject: IC-706 VHF Mod

I need the mod to allow out of band transmit on VHF for the IC-706.
I have already done the HF mod.

-steve

Stephen C. Gross

Pilot B737
America West Airlines

Date: Sat, 21 Oct 1995 23:52:35 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: Jimmie "The Tube Man" Hawkins - What to do in this situation?

In article <465r1u$3k3@newsbf02.news.aol.com>,
grauzer@aol.com (Grauzer) wrote:
>In an effort to save some money, I bought EL34 output tubes from Jimmie
>Hawkins, usually a seller of ham radio tubes at Southern California swap
>meets. I received the tubes mail order, having been told they were new.
>The tubes were blackened at the tops, clearly had been used, and when I
>called him, I was told that they are new, but I should try them, and if I
>don't like them, to return them and I'd get my money back. I tried them,
>blew fuses in my amp, and sent them back. He told me I had blackened the
>tubes, he could no longer sell them and sent them back to me. Have any
>others had problems with this guy? Perhaps at this point, the most I can
>do is tell others to be wary when dealing with him, so that someone else
>doesn't also get screwed.
>Dave

Not trying to defend 'ol Jimmie, but "blackened" is normal for nearly all
receiving tubes. Not always at the top, but always there somewhere. As part
of the manufacturing process, they induce a high current pulse into a part
inside the tube known as a "getter", and it flashes and burns up any stray
gas, thereby increasing the vacuum. The black stuff is the vaporized getter.

If a tube loses it's vacuum, the black part will turn gray -- a sure sign of a
bad tube. If that's what you have then yes, they're no good.

73, Bill W7LZP
wrt@eskimo.com

Date: 22 Oct 1995 01:03:54 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Kenwood TS-820

The price is good. Wonder if it's a TS-820S with the digital readout?
The digital readout circuit board was troublesome with poor solder
connections and often requires some work to make the display function.
You might want to contact Internation Radio in Port St. Lucie, Florida.
They used to publish a Kenwood Users newsletter and used to sell a
collection of the newsletter articles that dealt with the TS-820
specifically. There were a lot of shortcomings with the rig, but the
suggestions in the newletters go a long way towards making it a very good
rig. There was also an article or two in CQ or QST in the early eighties.
One of them dealt with adding the WARC bands to the rig. Not for the

feint of heart, but I was able to do the mod and it worked very well. International Radio also used to sell good SSB and CW filters for the rig. They also repair Kenwood gear. 73, K8AC in North Carolina

---

Date: 23 Oct 1995 04:05:44 -0400
From: screa@aol.com (Screa)
Subject: Military Communications Standards

I think mil spec 810 has to do with shock/vibration tests. Which does not mean that the radio is type accepted for anything but ham use.
KB6VTU.

Date: Sun, 22 Oct 1995 05:39:04 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Need help with ignition noise problem...

In article <xBLFQPE.mlazaroff@delphi.com> mlazaroff@delphi.com writes:
>I've done the following so far:
>
>new resistor plugs and cables
>coaxial feed-thru caps on the ignition leads and alternator
>bonding straps on the engine, hood, trunk, exhaust system,
> doors, fenders, and bumpers

Have you replaced the distributor *cap*. Often, carbon tracking in the cap is the source of ignition noise. (Of course this could be one of those engines with no distributor, but it's worth a shot.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 19 Oct 1995 18:26:24 GMT
From: andy@clark.net (andy)
Subject: New MFJ 6 Meter SSB Rig

James W. KELLEY (jwkelley@e4e.oac.uci.edu) wrote:
: The latest QST has an MFJ ad for a 6 meter (50-50.3MHz) SSB 10 watt radio
: for $259 with a mic. Does anybody know about this one yet?

Well, we do now. After reading previous posts on this subject, it appears that MFJ may not be quite ready to ship the units. But that's ok; pre-production advertising is really not that uncommon, providing the consumer is advised accordingly.

I think these little cheapie SSB/CW rigs are a great idea for the QRP fans. However, I am a bit surprised at their choice of bands. After having produced a 20 meter version, I would have guessed that a 10 or 15 meter unit would be next on the list, given that there may be a bit more activity on these bands.

andy

Date: Mon, 23 Oct 1995 16:29:09 GMT
From: k2ph@dxis.monroe.pa.us (Bob Schreibmaier)
Subject: Opinions wanted: new newsgroup .forsale

Date: 23 Oct 1995 08:01:22 -0400
From: radiomatt@aol.com (Radiomatt)
Subject: POLARAD ESH-3

Anybody know someone who has one?

Date: 23 Oct 1995 04:01:30 -0400
From: k5qq@aol.com (K5QQ)
Subject: Radio Direction Finding gear.

The Albuquerque T-Hunters were thinking the same thing about the two articles. Quite a few of us have dopplers and when we looked at the circuit boards and the "stuff" in the boxes, it did not appear to be any cheaper to build than a kit doppler.

Seemed like the two designs were very creative, but when you read the process to understand if the signal was "behind" you and the way you would have to turn around etc, it seems it's not very operationally effective.

I have one of the AB5CK dopplers and it works very good. No problem at any time determining where the signal appears to be coming from. I use four of the Hustler small 1/4 mag mounts and at $17, they are great. The PIN diode and the resistor mount in the base and so I don't even have a switching box on the roof.

I have both of the DF'er used in the articles and have played with them extensively, including the approach of putting them on a rotating mast and turning the mast to the signal null. In a real world environment, the multipath is the biggest issue and to be able to look at a display and realize that is what you are seeing and to determine when it seems you have a direct signal is of utmost importance.

The bottom line is that both work very well for the end point sniff, primarily because they continue to work right up to a transmitter. The The beam and attenuator technique suffer from the signal getting into the radio when you are close.

I don't want to criticize those who are energetic and build stuff, primarily cause I do a lot of fiddling myself, but I'm too lazy to write it up!! However, I think it is incorrect to say these two designs are cheaper than a doppler. However, if their only experience in the costs of a doppler are from looking at the costs of factory assembled units, then I understand the issue.

Adios all
Jim K5QQ

Date: Sat, 21 Oct 95 14:27:19 GMT
From: nadzam@garlic.com (Bill Nadzam)
Subject: Want: Service manual for TM-2570A

Subject says it all, I need a service manual for the Kenwood 2 meter radio "TM-2570A". If you have one, even a copy I'll buy it.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

Date: 22 Oct 1995 00:25:44 GMT
From: gcouger@jsun.agen.okstate.edu (Gordon Couger)
Subject: Want manual for AN/USM 117C OSCOPE

I have a couple of these scopes and need the manual to fix one of them.

Thanks
Gordon
AB5DG

Gordon Couger - Biosystems & Ag Engineering Oklhoma State Univ.
114 Ag Hall, Stillwater, OK 74078
Home 624 Cheyenne, Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405-624-2855 evenings 405 744 8392 work
I do not speak for my employer

Date: Sun, 22 Oct 1995 00:01:23 GMT
From: d90thoah@ida.liu.se (Thomas Ahlblom)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Hello!
I would like to how much a Kenwood HF rig costs in the US.

Can you give me a clue? Its not necessary to tell me where to get the cheapest rig - I just want to know the approximate price.

I'm interested in the following rigs:
Kenwood TS-450AT, TS-850AT and TS-870.

Tnx in advance & 73

de Thomas / SM5VOH

Internet: d90thoah@und.ida.liu.se
AX25: SM5VOH@SK5AS.E.SWE.EU

Date: (null)
From: (null)

I think you hit the nail on the head. I suspect the big problem is that newcomers don't know about rec.radio.swap. It's not even in the same hierarchy as the amateur radio groups. Newbies come in, see the rec.radio.amateur hierarchy, see no forsale group, but see an equipment group and think this must be the place. It's an easy mistake to make.

Yes, if they read the Guide to the Personal Radio Newsgroups they wouldn't make the mistake. The Guide has lots of very useful info. Unfortunately, the Guide is some 200+ lines in length. I wonder how many people actually read it. Probably not many.

I would support a rec.radio.amateur.forsale newsgroup. I think this would be far more intuitive for newcomers to figure out. Perhaps a short, weekly "charter of the newsgroups" message would be useful as well -- provided the author signs his/her/its name. 8^{)

73,
Bob K2PH

--
+------------------ \-\-\-\ ----------------------------+
Bob Schreibmaier K2PH	E-MAIL: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

End of Ham-Equip Digest V95 #539
****

--VAA07016.814503349/ooz.backbone.uoknor.edu--

Date: 24 Oct 95 03:46:10 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--WAA07851.814506370/ooz.backbone.uoknor.edu

The original message was received at Mon, 23 Oct 1995 22:46:09 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--WAA07851.814506370/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id WAA07849 for
<arees@ELECT1.CHEM.uoknor.edu>; Mon, 23 Oct 1995 22:46:09 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id WAA00415 for
<arees@elect4.uoknor.edu>; Mon, 23 Oct 1995 22:45:21 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSOKKCKUO004LL4@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 22:49:49 -0500 (CDT)
Date: Mon, 23 Oct 1995 22:49:49 -0500 (CDT)
Subject: Ham-Equip Digest V95 #540
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSOKKEGDE004LL4@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSOKAE3RK004GG7@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 22:49:36 -0500 (CDT)
Received: by mail.ucsd.edu; id TAA10270 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 19:15:20 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id TAA10196 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 19:15:15 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 19:15:09 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #540
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240215.TAA10196@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List

Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 540

Today's Topics:
(no subject)
** This Group Is Not For Sales or Purchases **
an HT from Hong Kong? (2 msgs)
Dead Tubes? ? ??
FREQUENCIES ????
FT-11R Sub-audible tone NOT!
Ft530 Mods?!!
Ham Swap Meets in Denver Area
Heathkit DX35 tranciever; Antique wind-up Morse code training thing
help plastic power connectors
HELP PLEASE! - Old RCA Senior Volt-Ohmist
IC-706 HF Rig Features
Need help with ignition noise problem...
Need some info on Kenwood SP940 speaker
Opinions wanted: new newsgroup .forsale
Radio Direction Finding gear.
unsubscribe
Wanted:HP 8555
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?
WWW Pentone

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 Oct 1995 15:15:31 GMT
From: nelson@fdt.net
Subject: (no subject)

I have a Phillips AM-FM Deluxe radio with five short wave bands. It is
about twenty years old and has developed a whooshing noise on all bands
all the time. I live in Gainesville Fl. I don't think there is a radio
repair store in town. Can old radios still be repaired? or do I have to
junk it?

Date: 23 Oct 1995 18:01:45 GMT
From: bobw@col.hp.com (Bob Witte)
Subject: ** This Group Is Not For Sales or Purchases **

W8JI Tom (w8jitom@aol.com) wrote:
: Hello,

: As a new person to Internet, what I've learned here is.....

<snip>

: 5.) This group is really not for sales or purchases.

: Do I have it all correct?

You got the most important one correct. If we could all get
THAT one straight, it would be a great start.

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

Date: 21 Oct 1995 17:09:22 -0700
From: ad7k@bighorn.accessnv.com (Squeak Porray)
Subject: an HT from Hong Kong?

If you want my name just ask. (timhynde@ix.netcom.com) wrote:

: >to Hong Kong soon and am interested in shopping for an HT. What can
: you
: >advise me about:

: I'd save myselft the trouble and buy from a stateside distributor,

Comments from a "Stateside distributor", who has had experience both ways
...

If you buy a radio from someone you never saw before, and never expect to
see again, all he is going to be interested in is getting your money out
of your wallet and you on your way.

If you buy from a local (or regional) dealer, you are buying from someone
who wants to see YOU happy, since he hopes that you will come back again
and again, for all those accessories, mobile radios, antennas and the
like that we hams always need to add to our collection.

If you bring in an oversees "Yaekenicostanco" radio, you will have NO US
warranty - the American distributors warrant only those radios that they
import, and quite possibly might not service them - they are completely
within their rights to do so. There very well may be (as has been in the
past) board or component differences between various versions of the
radio destined for different countries, thus compounding the situation.
(Some manufacturers have had up to five different versions of the same
radio - with each version destined for a different market area, with
different regulations.)

If you buy the radio from a local (or regional) dealer, you have someone
you can go to with questions and problems ... but long-distance calls to
Hong Kong to get answers to a question get expensive - to say nothing of
"how do you ask someone how to program odd splits for repeaters into your

new handy - when he is only really fluent, technically, in Chinese?"

I doubt that you will find any significant price differentials in buying in Hong Kong ... that was true years ago (I was there during the VietNam era), but not now, with the global economy/distribution situation now in existance. However, you can find real bargains in Hong Kong on things that are local-labor-intensive (like tailored suits for example).

Enjoy your trip ... take the tram to the top of Victoria Peak and let me know if the view is still as grand as it was on Christmas Day of 1972 ... and good luck to you!

Very 73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

ps: I hope you don't think I am touting just our company ... in the above, I speak for the Amateur Radio community in general, and I think that it speaks for all domestic Amateur Radio Dealers as well.

Date: Mon, 23 Oct 1995 18:50:11 GMT
From: rafaels@zimmer.CSUFresno.EDU (Rafael Solis)
Subject: an HT from Hong Kong?

In article <46b7s9$lmj@ixnews5.ix.netcom.com> timhynde@ix.netcom.com (If you want my name just ask.) writes:
>
>>to Hong Kong soon and am interested in shopping for an HT. What can
>you
>>advise me about:
>
>
>I'd save myselft the trouble and buy from a stateside distributor, I've
>heard of guys buying overseas HF gear with features or bands not avail.
>in U.S but I've never heard of any great bargains. What you save by
>shopping Hong Kong may cost you quickly if you have a problem or need
>an accessory for the radio.
>
>I have a Kenwood Dual band HT and like it alot.
>
>73, Tim ka8ddz

I agree with Tim. I've been to HK several times on business trips and it is not worth the hassling of dealing with the salesmen over there (prices are not fixed and you have to deal, yes as in bargaining!). Also there is the problem of the warranty. I don't think any of the major brands (K,I,Y) honor warranties of any equipment bought overseas. What I have bought though are accessories. Bring your AES catalog to check the price differences. Some things are cheaper there but others are around the same or even higher depending on the store.

Another suggestion is to get away from the Nathan Rd. stores, those
are usually overpriced.

Have fun in HK.

Rafael (KE6JSR)

Date: Sun, 22 Oct 1995 16:05:05 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Dead Tubes? ? ??

In article <46bhjh$b3m@ixnews7.ix.netcom.com> scibelli@ix.netcom.com (Christopher
Scibelli) writes:
>>On 18 Oct 1995 18:13:19 GMT, Floyd Sense <sentek@nando.net> wrote:
>
>>>Check the output power on 10 meters. If it's not up to spec there but is
>>>on the lower bands, you may need new finals. If you don't have a
>>>reliable watt meter, use a 100 watt light bulb as a dummy load and fire
>>>it up on 10 meters. If it appears to be fully bright, you're probably
>>>OK. 6146Bs tend to last a long, long time if not abused.
>
>Does this work for transistor rigs as well? My IC735 is now only
>putting out half power on 10, 3/4 power on 12 and full power on the
>other bands.

You need new 6146s in your IC735! :-)

Transistor finals generally don't "go soft" the way tubes do, so
this test isn't very useful for transistor rigs. Your symptom
could be the result of reduced PA gain, due to an internal
emitter ballast resistor failure, but it's probably another
cause. You might check the bandpass filter switching in the rig
for the two highest bands. And you might want to look at the
drive level from the low power stages. A hint to where the
trouble may lie would be whether this condition appeared
suddenly or had a gradual onset.

There may also be no problem with the rig at all. It may be doing
power foldback due to VSWR on the two highest bands. Are you testing
into a known good dummy load? No tune rigs won't work well at all
using a lightbulb for a dummy load. It's not even close to their
design output impedance. Lightbulbs work fine as crude loads on
the older rigs with tune and load controls, but not on the no tune
rigs. They have to see the right impedance, or they'll foldback
power.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us

Lawrenceville, GA 30244 | |

Date: 23 Oct 95 19:19:06 GMT
From: walter@idirect.com (SLEDDER)
Subject: FREQUENCIES ????

Can somone give me a list with the bands and their corresponding
frequencies.

PLEASE & THANK YOU

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo---
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
THINK SNOW ! ! !
=A9 Copyright 1995

Date: 23 Oct 1995 19:26:00 GMT
From: ydtlzmj@news.atglab.bls.combst.bls.com (Victor Gregg)
Subject: FT-11R Sub-audible tone NOT!

I have a friend here in Atlanta who has a FT-11R that
you can hear the CTCSS (should be sub audible) tone.

On very good repeaters, the tone noise is quite loud,
and at best annoying.

I have a FT-51R which does not have this problem.

Are there other Yaesu FT-?1R users with similar experiences?

Is there any adjustment my friend might make on his FT-11R?

Thanks,

Victor KF4BUX Gregg

Date: 21 Oct 1995 16:45:09 -0700
From: ad7k@bighorn.accessnv.com (Squeak Porray)
Subject: Ft530 Mods?!!

rossr (rossr@tcs.com) wrote:
: Hi, I recently bought an FT530, I also modified it for extended rxcv,

: however, the 900 mhz band does not rxcv as it does on a friend's
: FT530. --==> snip

This is as it should be ... Congress passed a law several years ago that made it illegal to manufacture (if domestic) or import (if from overseas) any receiver that receives, or can be modified to receive, cellular telephone conversations ... following up on the Electronic Privacy Act, which makes it illegal to actually receive cellular telephone conversations themselves. This prohibition went into effect in April of 1994 ... stocks on hand could be sold off, but nothing imported/manufactured after that date could be sold. There is no modification possible on these receivers, since the law was very specific in making sure that modification was impossible. If 800 MHz receive is important to you, your only hope is to find a radio made or imported before April of 1994 (i.e., pre-Lot 20 for an FT530), and hope you want it more than its current owner ($$$$$)!

73 and good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

Date: 23 Oct 1995 20:48:00 GMT
From: jmoody@denadm.ms.ch2m.com (Joe Moody)
Subject: Ham Swap Meets in Denver Area

I would like to find an upcoming ham radio swap meet in the Denver area. I also need to find someone to repair a Drake TR-7.

Please E-mail me, as I do not always read this newsgroup.

Thanks in advance for you help,
-
Joe Moody
(jmoody@denadm.ms.ch2m.com)

Date: Mon, 23 Oct 1995 19:23:33 GMT
From: al564@FreeNet.Carleton.CA (John Rakos)
Subject: Heathkit DX35 tranciever; Antique wind-up Morse code training thing

Thesed items are for sale for $50 each.

The DX35 has Q-mult and antenna
multiplier with
it. This transciever has crystals that you plug intothe back; comes with lots of crystals. I do not know enough about trancievers to see if it works - the tubes light up.

The morse code trainer comes with the paper tapes with holes...some new tapes with no holes!

--
John J. Rakos & Associates Consultants Ltd.
Project Management Consultants, 14 Palsen St., Ottawa, ON, Canada
Phone or Fax: (613) 727-1626

Date: 23 Oct 1995 21:12:17 GMT
From: w2gma@ix.netcom.com (MELVIN TOREN)
Subject: help plastic power connectors

Hi and thanks for reading this. I am looking for a source of the plastic two pin connectors that most of the manufactures are using for power cables on their vhf and uhf radios. I have an old radio that i had jones plugs on that i would like to change to the newer design but have been unable to acquire the plugs. Any help greatly appreciated.

Thanks,

mel, w2gma...

Date: 23 Oct 95 15:04:14 CDT
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Subject: HELP PLEASE! - Old RCA Senior Volt-Ohmist

I thought I might be able to restore the above after getting it in a lot of test equip. at a Hamfest.

Since it had some corrosion on the bottom of the from panel I opened it to find a corroded Alkaline 1.5v cell soldered in place. While the battery bracket looked original the cell wasn't.

The unit is AC operated with one 12AU7, and two 6AL5 tubes.

I can't get it to calibrate high enough on the DC ranges. ie, at a 1.48v source the best I can get the meter to read is about 1.3v.

Also while I can get a zero ohms with the probes shorted I can't get infinity on the high end.

Any idea what type of battery should be in it?
Do you think new tubes would help?
Do you think the capacitors are so old they should be replaced?
Am I wasting my time on this thing?

Thanks for reading and your thoughts. Please reply by e-mail to:

dharper@kumc.wpo.ukans.edu

73's de N0USP,
Dick

Date: 23 Oct 95 17:30:32 GMT
From: aust@gandalf.sp.TRw.COM (Mike Aust)
Subject: IC-706 HF Rig Features

I ran the AT-50 with the Special cable which allows to run directly
off 12V, then manually switching to the desired band, I had the tuner
automatically tune for low VSWR with the IC-706. I think the AT-50 is a real
good tuner to be used with the New Icom IC-706 HF rig, but this tuner
does not cover 6 meters!!
73's
Mike
W6TR
In article <9510222046.AA20001@haldir>, aust@gandalf.sp.TRw.COM (Mike
Aust) wrote:
> It will overload , my TS-50 also did overload, i.e. 80 and 160 meters, but
> when I used the Kenwood AT50 Antenna Tuner with the Kenwood TS-50, it
was pretty
> good.

Mike-

I currently use the TS-50 with the AT-50 in my car. There are about 15
people ahead of me on the AES/Orlando waiting list for the IC-706, with a
shipment expected in about a week.

I wonder what is involved in using the AT-50 with the Icom? I would think
you might at least need a special cable.

I agree with your comment about the TS-50's SSB filter. I plan to get the
narrow SSB filter for the Icom's narrow filter position, with intent of
possibly installing it in place of the existing filter. If this works
out, I would then get a CW filter to go in the narrow position. Does this
sound feasible?

73, Fred, K4DII

Date: Sat, 21 Oct 95 23:50:52 -0500
From: mlazaroff@delphi.com
Subject: Need help with ignition noise problem...

I have a 1988 Chrysler LeBaron with the 2.2L
turbocharged 4-cyl engine.
I've been unsuccessful in ridding it of ignition noise
in my HF mobile setup (FT900 with screwdriver antenna).
Even the AM broadcast radio suffers from the noise.
It does appear to be ignition noise, as it is the classic
"popping" and "hash" that varies with engine speed.
There is no alternator whine. The noise is not present
when the antenna is disconnected (i.e., it's being picked
up by the antenna and not coming in thru the power leads).
The rig's power cable is wired directly to the battery with
heavy, high-quality wire.

I've done the following so far:

new resistor plugs and cables
coaxial feed-thru caps on the ignition leads and alternator
bonding straps on the engine, hood, trunk, exhaust system,
doors, fenders, and bumpers

Starting the engine increases my noise level from S0/S1
to S4/S5. It's worst on 10, 15, and 20. There seems to be
little problem on 75 and 40; the rig's noise blanker eliminates
the noise there but is only partially effective on the higher
bands. With the noise blanker off, the noise is S7 and makes
mobile operation effectively impossible.

Out of the several cars I've operated mobile from, this is the
first one (and hopefully the last!) that has defied my efforts
to
"quiet it down". Anyone out there have any ideas/suggestions
other than the obvious "get rid of it and buy another car" :)?

73, Mike KB3RG

Date: Mon, 23 Oct 1995 18:58:31 GMT
From: dgf@netcom.com (David Feldman)
Subject: Need some info on Kenwood SP940 speaker

I picked up one of these w/o docs. Would someone care to send me the specs
or a copy (by fax maybe?) or please let me know by e-mail the specs around the
HIGH1, HIGH2 and LOW controls and the "line out" connector on the rear?

Thanks,

73 Dave WB0GAZ dgf@netcom.com

Date: Mon, 23 Oct 1995 22:20:27 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Opinions wanted: new newsgroup .forsale

Dan Brown (danb@a.crl.com) wrote:
: jlowman@netcom.com (Jim Lowman) wrote:

: >1) While rec.radio.swap is the correct place for such ads, it is not
: >specific to amateur radio equipment.

: From other discussions I've seen, this was intentional--amateurs use
: lots of non-ham equipment (Motorola UHF and VHF business-band radios,
: for instance). Most of the stuff I've seen in r.r.swap would be
: appropriate in a group in the .amateur hierarchy, either because (1)
: it is ham gear, (2) it can be modified to work in ham bands, or (3) it
: would be used in connection with ham gear.

What I would propose is that any amateur or related gear - anything that facilitates the operation or maintenance of an amateur radio station - would be "on topic." This could include, but not be limited to, test equipment, replacement parts, commercial gear that could be converted to operate on the authorized amateur frequencies - you get the idea.

: .swap, .marketplace, and .wanted are about as common as .forsale.
: Construed strictly, .forsale neglects "wanted" posts (and vice versa).
: For accuracy's sake, .marketplace seems like the best choice, but I
: think any of the four is about equally descriptive.

OK, I am not hung up on the actual name; whatever everyone feels is right, is fine with me.

: >3) Hopefully, we could guide individuals and commercial advertisers to this
: >new newsgroup, thus restoring rec.radio.amateur.equipment to its intended
: >purpose.

: The same is true of rec.radio.swap.

: >For the record, I don't think posting of ads is going to stop, even with the
: >flaming that is going on, unless there is a channel for advertisers to use.

: There is such a channel, though.

: The only real advantage I can see to rec.radio.amateur.{swap |
: marketplace | forsale} is that it would put a group with the other
: amateur groups, while the r.r.swap is detached a bit in the
: alphabetical list. When I saw the list of rec.radio.amateur groups, I
: went looking for a for-sale group, but apparently others don't bother.
: I tend to doubt they'd bother anyway, but I'm rather cynical that way.

When I first subscribed to the desired groups in rec.radio.amateur*, I looked for a .forsale or similar group. It was not until I noticed some retailer being flamed *on the newsgroup* for posting an ad, that I became aware of the .swap newsgroup. The considerate/experienced net user would probably look for, and find, a .forsale group if it were in the same hierarchy. The clueless will remain so, no matter what we do. Even if this proposed new group does not come to pass, I would hope that we could agree to stop flaming the advertisers on the newsgroup itself. I would hate to put all the net cops in a killfile, because they might just have something worthwhile to say down the road.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: Mon, 23 Oct 1995 13:44:20 -0500
From: mmusick@talx.com (Mike Musick)
Subject: Radio Direction Finding gear.

> In the November issuse of QST and 73 magazines are a couple of very
> interesting RDF (Radio Direction Finding) projects. The projects are
> entitled "The Four-Way DFer" and "Poor Man's Doppler".

You were being kind, Tom. The "Poor Man's Doppler" is aptly named, because not only do you have a big construction project, it's built around the Ramsey DF kit which will set you back $70 before you even start. By the time all is done, you *will* be poor if you weren't before.

When I saw Malcomb present "The Four-Way DFer" at Dayton this year, I had to ask myself "Why bother?" Not to detract from his efforts, but in the end his dual TDOA is more complicated than a Roanoke and has less resolution to boot. Attempts to increase the resolution beyond the 8 compass points on the "4-Way" become immensely complicated, too, because the L-R and F-B proportioning is nonlinear and therefore has to be calculated or compensated.

Your kit version of the Roanoke is a better deal all around. I've got three foxhunting friends with 'em and they're almost as good as my modified Atlanta kit. ;-)

> It is fun to share one ham's comment: "Dopplers are LETHAL when it comes
> to tracking down trouble makers".

Fer sure!
...mm

==========
Mike Musick/N0QBF |
71301.3106@compuserve.com | [Insert usual disclaimers here.]
mmusick@talx.com |

Date: 23 Oct 95 21:50:05 GMT
From: am257@detroit.FReenet.ORG (Tim English)
Subject: unsubscribe

unsubscribe

Date: Tue, 17 Oct 1995 21:24:00 MST
From: mater@primenet.com (Eric Nelson)
Subject: Wanted:HP 8555

I am interested in purchasing a working HP 8555 RF plug in for the 141T based HP spectrum analyzer. Please e-mail any info.

Thanks

Eric Nelson

Date: 23 Oct 95 19:22:14 GMT
From: walter@idirect.com (SLEDDER)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Try http://www.hamradio.com

Enjoy.!

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo----------
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
THINK SNOW ! ! !
=A9 Copyright 1995

Date: Mon, 23 Oct 95 17:06:04 GMT
From: Troll <Troll@nochet.demon.co.uk>
Subject: WWW Pentone

My mates run a company making radio modems and selcall modules;

WWW page is

http://www.io.com/~troll/pentone/index.html

--
Tom Zunder: Troll@nochet.demon.co.uk
http://www.io.com/user/troll/index.html
All views expressed are strictly my own.
May Argan Argar shield this mail

End of Ham-Equip Digest V95 #540
******

--WAA07851.814506370/ooz.backbone.uoknor.edu--

End of Ham-Equip Digest V95 #541
******

--AAA08222.814510920/ooz.backbone.uoknor.edu--

End of Ham-Equip Digest V95 #542
******

--BAA08689.814515766/ooz.backbone.uoknor.edu--

3405. Re: Dedicated radio for packet?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: otheral@ix.netcom.com
Message-ID: <46i1cc$ou@ixnews5.ix.netcom.com>
Source record: 210917
Cross-posted to: uk.radio.amateur,rec.radio.amateur.equipment

In <DGu7yx.4Ir@eskimo.com> wrt@eskimo.com (Bill Turner) writes:
>
>In article <45t64p$hjq@newsgate.dircon.co.uk>,
> d-cripps@dircon.co.uk (David Cripps) wrote:
>>I've recently got back on the air and linked my Icom 2/70 handheld up
to
>>a PK232 to experiment with packet.
>>
>>The thing is my handheld is a bit OTT as a single freq, packet,
transceiver.
>>
>>What I'm looking for (I think) is a dedicated radio that can act as
my packet
>>radio, transmitting approx 10W. What should I be looking at?
>>
>---
>I've been using a Radio Shack HTX-202 for almost three years now and
it has
>been a real workhorse. I estimate it has about 15,000 hours on it and
still
>going strong. They are available used for about $150 or so. One
thing I like
snip

Mine hasn't got that that many hours, but it's doing a fine job so far.
What I wanted to add is that it puts out 9.5 watts on 13.8 volts and
over 6 watts on 12.2 volts. This would seem to fit your desires.

73's de N3TYD <Al>

3406. FS: Yaesu 900 ; info on TS50S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: pve@dg13.cec.BE
Message-ID: <308C7FC7@smtp>
Source record: 210918

An 'as new' Yaesu 900 for sale including the mobile mount and the remote mounting kit which allows the display to be installed separately from the main unit. Excellent condition, still in the original box. Asking for $1000.

E-mail to kc1qf@amsat.org.

I need the general tramsmit mode of the TS50S. Can anyone supply the details please? Thanks in advance.

PS: Please dont post 'not for sale messages'

3407. Yaesu repair help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: lfloyd@netcom.com
Message-ID: <lfloydDGxtzs.HM7@netcom.com>
Source record: 210919

I need to send in my Yaesu FT-2400 for some repairs. Can anyone help me with the phone number and/or address for Yaesu's west coast repair shop?

Reply here or via e-mail.

Thanks!

Larry - WB5HHM (/6)

--

L. Floyd
lfloyd@netcom.com
ftp://ftp.netcom.com/pub/lf/lfloyd/homepage.html

3408. Re: ** This Group Is Not For Sales or Purchas

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: davidb9608@aol.com
Message-ID: <46jjit$kck@newsbf02.news.aol.com>
Source record: 210920

If you are selling stuff put it in rec radio swap. I check this group once a week and rec radio swap every 6 hours

3409. Alinco DR-590T - Modifications

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: "Hugh M. Pepper" <pepperh@demo.bb.unisys.com>
Message-ID: <1995Oct24.174319.10451@unislc.slc.unisys.com>
Source record: 210921

Hello all,

I have seen many modifications for the alinco DR-570, DR-599, DR-600, DR-610 etc, but nothing except the cross band mod for the DR-590T...

Are there any mods which will enable receiving 118MHz - aircraft, and 800 Mhz bands on the DR-590T mobile???

(other than cutting the Blue wire for cross band repeat!!)

Hugh -

pepperh@demo.bb.unisys.com

3410. Dopplers and computers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: northup@blackdog.sw.stratus.com
Message-ID: <46irbm$5u0@transfer.stratus.com>
Source record: 210922

From the comments I have seen in the last few weeks there are lots of dopplers being used for FOX hunting. My question is are any of you using computers hooked up to them ?

If so are you doing any data processing ? I am looking for ideas on how to filter out reflections.

--
--

Bill Northup PHONE: (508) 460-2085
Stratus Computer Inc. INTERNET: northup@sw.stratus.com
55 Fairbanks Boulevard Amateur Radio: N1QPR
Marlboro, MA 01752 QRP-NE #307
NorCal #1027

3411. Re: How Many FT-530 mods are there?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: Mike Lubrecht <flowmole@accessone.com>
Message-ID: <46j8rg$8iu@news.accessone.com>
Source record: 210923

There's a jillion of them. FTP to oak.oakland.edu/pub/hamradio/mods

3412. Icom IC-W31A mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: Mike Lubrecht <flowmole@accessone.com>
Message-ID: <46j8un$8iu@news.accessone.com>
Source record: 210924

Apologies in advance if this shows up twice!

Does anyone have hardware or firmware mods to extend RX/TX range of Icom IC-W31A? This is my first ham radio -- I just passed my Technician class license and am waiting for my call sign. I'm looking forward to getting on the air. Thanks in advance to anyone who can assist!

Mike

3413. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: mjjohn5@lookout.mtt.it.uswc.uswest.com
Message-ID: <DGyooy.Hwr@da_vinci.ecte.uswc.uswest.com>
Source record: 210925

>In article <46gco2$a90@utopia.hacktic.nl>,
>Anonymous <nowhere@bsu-cs.bsu.edu> wrote:
>>This is one of the reasons anonymous remailers exist. No one would
>>want this garbage in their mailbox.
>
Not quite true.

Most remailers will allow an e-mail reply back to the anonymous poster.
All you have to do is use the reply function.

In addition most remailers provide an e-mail address where abuse of the
service can be reported. In our net-lids case, it is at the top before
the text of the message.

Most remailer system administrators frown on mis-use of this service.
Mis-use would normally be things like spaming, mail-bombing, threats and
such.

73
Mark
WA0DCA

3414. WANTED: Kenwood TS-520 parts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: tjv@indra.com
Message-ID: <tjv-241095123655@192.0.2.1>
Source record: 210926

Hello!

I'm looking for parts for a Kenwood TS-520. I'm interested in buying a busted 520 with most of its innerds, or if you have a large quantity please email me and we can talk. I've got a good working 520 here that needs a bunch of coils replaced and I'd really like to just swap them from another 520.

Thanks in advance

Tom Vilot
KA2KGZ

3415. Returned mail: Local configuration error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: MAILER-DAEMON@uoknor.EDU
Message-ID: <199510241132.GAA10268@ooz.backbone.uoknor.edu>
Source record: 210927

```
This is a MIME-encapsulated message

--GAA10268.814534352/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 06:32:30 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--GAA10268.814534352/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id GAA10266 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 06:32:30 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id GAA00752 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 06:31:42 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWT4ULME28004NRE@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 06:36:07 -0500 (CDT)
Date: Tue, 24 Oct 1995 06:36:05 -0500 (CDT)
Subject: Ham-Equip Digest V95 #545
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWT4ULOJ82004NRE@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWT4UBK5XS004J0P@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 06:35:52 -0500 (CDT)
Received: by mail.ucsd.edu; id DAA25822 sendmail 8.6.12/UCSD-2.2-sun Tue,
24 Oct 1995 03:48:22 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id DAA25809 sendmail 8.6.12/UCSD-2.2-sun Tue,
```

24 Oct 1995 03:48:20 -0700 for ham-equip-ddist
Date: Tue, 24 Oct 1995 03:48:18 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #545
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510241048.DAA25809@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Tue, 24 Oct 95 Volume 95 : Issue 545

Today's Topics:
** This Group Is Not For Sales or Purchases **
HELP: Magellan Meridian GPS
Quieting reed relays?
Returned mail: Local configuration error

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 Oct 1995 07:59:28 -0700
From: marcw@kaiwan009.kaiwan.com (Marc K. Whisman)
Subject: ** This Group Is Not For Sales or Purchases **

As I have not seen the faq for this group, can someone (besides anonymous)
tell me if it does include not posting Wanted messages too? Is it OK to
post a wanted message for a manual, but not the radio that the manual is
for? Just curious.

Regards,

-Marc
KC6VUP

Date: 24 Oct 1995 03:37:44 -0400
From: kingtritan@aol.com (KingTritan)
Subject: HELP: Magellan Meridian GPS

The Meridian XL GPS does have a computer interface, the cable is available
from Magellan for approx. $80, or can be homebrewed.

Date: 24 Oct 95 00:07:21 GMT
From: turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG)
Subject: Quieting reed relays?

I just got an OMNI VI. It is a good basic radio, with only a few
drawbacks. It has a reed relay that controls some part of the keying
circuit (yeah, I don't believe it either...I heard the relay, and called
Ten Tec who said it was the reed relay)

Now, I will look to see exactly where it is...and try to figure out whether
I can replace it with a transistor or something. I would rather leave
well enough alone if I can - hence my question:

Anyone know how to "quiet" a reed relay?

I thought I could take it off the board then remount it into some rubber
or silicone cement on the circuit board to deaden the sound. I also
thought that I might then cover it with a little styrofoam box of some
sort. Any suggestions? Anyone else have the OMNI and want to figure
this out with me?

Clark
WA3JPG

Date: 24 Oct 95 10:44:31 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--FAA10035.814531471/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 05:44:30 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--FAA10035.814531471/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id FAA10033 for

<areees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 05:44:30 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id FAA00719 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 05:43:39 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWT361OV6O004C3D@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 05:48:04 -0500 (CDT)
Date: Tue, 24 Oct 1995 05:48:02 -0500 (CDT)
Subject: Ham-Equip Digest V95 #544
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWT361QH1U004C3D@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWT34Z4IGW004TO8@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 05:47:50 -0500 (CDT)
Received: by mail.ucsd.edu; id CAA16900 sendmail 8.6.12/UCSD-2.2-sun Tue,
24 Oct 1995 02:02:52 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id CAA16884 sendmail 8.6.12/UCSD-2.2-sun Tue,
24 Oct 1995 02:02:48 -0700 for ham-equip-ddist
Date: Tue, 24 Oct 1995 02:02:46 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #544
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240902.CAA16884@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Tue, 24 Oct 95 Volume 95 : Issue 544

Today's Topics:
an HT from Hong Kong?
Dedicated radio for packet?
FLAMES
FS: Yaesu 900 ; info on TS50S
Ham Swap Meeting in Aarhus area, DK
How about IC706,TS50,ALINCO DX70
Opinions wanted: new newsgroup .forsale
Returned mail: Local configuration error
Yaesu repair help needed

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 23 Oct 95 09:26:14 GMT
From: davie@primenet.com (Dave Easton)
Subject: an HT from Hong Kong?

In article <46elj9$g28$1@mhafm.production.compuserve.com>,
Erik Westgard <71505.341@CompuServe.COM> wrote:

>
>I was in Hong Kong this summer, staying in the Causeway Bay area. I
>was completely surprised by the number of authorized Icom dealers in

>
>Would I go back- yes. Buy some gear- maybe. Fun place- I have never
>been in more Ham Radio dealers in my life.
>

I would like to add to this thread - I was there not too long ago and I
got the feeling many stores were more "communications" stores. They had ham,
two way, commercial HF, you name it. Whatever you wanted, whoever you were,
they were happy to sell it to you. Perfectly legal, of course, as it would be
in the US, as long as you didn't try to use it here, or in HK. I suspect the
HK government keeps after toursts trying out their new toys before they leave!

I also found the HK shop keeper's to be the nastiest, most disinterested,
discourteous S.O.B.'s I have EVER run into. It was so bad I asked my hotel
manager what I was doing wrong. He said "probably nothing", adding "being
Caucasian and wanting less than 10 of anything was not a good combination for
many sales people; a serious problem in HK". All of this right after visiting
Tokyo where the HAM (REAL ham) stores where SO polite and friendly I literally
could not believe it.

Dave, WE6L/ Phoenix

Date: 24 Oct 1995 06:33:48 GMT
From: otheral@ix.netcom.com (Al Williams)
Subject: Dedicated radio for packet?

In <DGu7yx.4Ir@eskimo.com> wrt@eskimo.com (Bill Turner) writes:
>
>In article <45t64p$hjq@newsgate.dircon.co.uk>,
> d-cripps@dircon.co.uk (David Cripps) wrote:

>>I've recently got back on the air and linked my Icom 2/70 handheld up
to
>>a PK232 to experiment with packet.
>>
>>The thing is my handheld is a bit OTT as a single freq, packet,
transceiver.
>>
>>What I'm looking for (I think) is a dedicated radio that can act as
my packet
>>radio, transmitting approx 10W. What should I be looking at?
>>
>---
>I've been using a Radio Shack HTX-202 for almost three years now and
it has
>been a real workhorse. I estimate it has about 15,000 hours on it and
still
>going strong. They are available used for about $150 or so. One
thing I like
snip

Mine hasn't got that that many hours, but it's doing a fine job so far. What I wanted to add is that it puts out 9.5 watts on 13.8 volts and over 6 watts on 12.2 volts. This would seem to fit your desires.

73's de N3TYD <Al>

Date: 23 Oct 1995 20:02:25 -0400
From: parland@aol.com (PArland)
Subject: FLAMES

I'd like to take this opportunity to thank all who sent me tons of mail suggesting that I take my ad about the T-T linear to another list.

My point: Once, maybe twice, would have been sufficient to call my attention to the error of my ways. Obviously I do not belong on this list nor will I ever be here after this posting.

The flip side: I am a radio hobby press journalist. I have a column in Monitoring Times, several of my feature articles have appeared in QST and CQ in the last year. I also have authored several books on ham radio. Rest assured, when it comes time to recomment any USENET groups or mailing lists, I will not mention this one.

Thanks for a wonderful time.

Date: 24 Oct 95 14:57:00 GMT
From: pve@dg13.cec.BE (VEKINIS Peter)
Subject: FS: Yaesu 900 ; info on TS50S

An 'as new' Yaesu 900 for sale including the mobile mount and the remote mounting kit which allows the display to be installed separately from the main unit. Excellent condition, still in the original box. Asking for $1000.

E-mail to kc1qf@amsat.org.

I need the general tramsmit mode of the TS50S. Can anyone supply the details please? Thanks in advance.

PS: Please dont post 'not for sale messages'

Date: 24 Oct 95 09:34:07 GMT
From: jm@infocom.DK (Jens Madsen)
Subject: Ham Swap Meeting in Aarhus area, DK

To hams in Denmark

On Sunday the 29th october, is a ham-auktion and exibition taking place at "Hadsten Tekniske Skole".
Opening hours are 10.00 to 17.00 .

73 and have a good time
Jens Madsen / OZ2JMA

Date: 21 Oct 1995 01:55:54 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: How about IC706,TS50,ALINCO DX70

In article <DGr1x1.MJo@iglou.com>,
n4lq@iglou2.iglou.com says...
>
>
>It said:
>
>Ahso! Very Bad!
>--
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

Not exactly, Steve.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

Date: Mon, 23 Oct 1995 22:41:09 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Opinions wanted: new newsgroup .forsale

Mark Johnson (mjjohn5@lookout.mtt.it.uswc.uswest.com) wrote:

: If there is not a need for two such groups, maybe the rec.radio.swap
: should be removed and rec.radio.amateur.forsale should take its place.

I do not see the need to replace rec.radio.swap, just to create a new, more
specific newsgroup. Replacing it might just cause further confusion.

: Thanks

Thank you! for your input...Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: 24 Oct 95 08:37:17 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--DAA09382.814523837/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 03:37:16 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--DAA09382.814523837/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id DAA09380 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 03:37:16 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id DAA00642 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 03:36:27 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSYQCYW0G003VHY@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 03:40:52 -0500 (CDT)
Date: Tue, 24 Oct 1995 03:40:51 -0500 (CDT)
Subject: Ham-Equip Digest V95 #543
To: arees@ELECT4.CHEM.uoknor.edu

Message-id: <01HWSYQD0HVM003VHY@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSYPZ12TC004QWK@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 03:40:39 -0500 (CDT)
Received: by mail.ucsd.edu; id XAA24233 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 23:26:34 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id XAA24219 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 23:26:32 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 23:26:29 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #543
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240626.XAA24219@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 543

Today's Topics:
** This Group Is Not For Sales or Purchases **
Returned mail: Local configuration error
SB 220 hook up
W2a audio going down (was: HELP - Icom ICW2A Speaker Connection)
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 23 Oct 1995 23:35:07 +0100
From: anon-remailer@utopia.hacktic.nl (Anonymous)

Subject: ** This Group Is Not For Sales or Purchases **

mjjohn5@lookout.mtt.it.uswc.uswest.com (Mark Johnson) wrote:

>If they do not know about the rules, then maybe we should treat them
>like we would a new ham. Give them some polite information and help,
>but not jump down their throats.

No one suggested otherwise.

>If the FAQ is posted on a monthly or weekly basis then there is also
>no need to send a shouting post not to post FS here.

If the FAQ was enough, FS and WTB wouldn't be here.

>That is just as annoying and very insulting to most of the fine users
>on this group.

I'm flattered.

>And talk about going outside the newsgroup's guidelines? Well, aren't
>we doing that now?

Its appropriate to discuss use of the group. How else would you reach
the people using it?

>But we don't have to kill those who stray from the word of the
>FAQ either.

No one suggested that.

>Gee Tom, I thought I was very restrained in my choice of words for
>our hiding friend. You should have heard what I would have liked
>to say. In fact I kept it to any language that I could have used on
>the air, ...

But harsher than you would have the nerve to use or get away with
in person. Clean your own house before branding others.

>It is that he ruins the credibility of his argument by Flaming his
>message and hiding behind an anonymous server.

There were no flames besides yours.

>If you don't have the courage to stand behind your statement then you
>really just don't have a statement and you may actually harm a valid
>statement.

The earth is round. Dogs are mammals. Electricity is energy. See,
no harm done.

Lighten up Mark. The message is valid and the headers deter ads.

Date: 24 Oct 95 06:22:46 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--BAA08689.814515766/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 01:22:44 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--BAA08689.814515766/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id BAA08687 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 01:22:44 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id BAA00555 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 01:21:56 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSU1JPNLC004N6C@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 01:26:19 -0500 (CDT)
Date: Tue, 24 Oct 1995 01:26:18 -0500 (CDT)
Subject: Ham-Equip Digest V95 #542
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSU1JR9GI004N6C@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSU19KR0G0043TE@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 01:26:07 -0500 (CDT)
Received: by mail.ucsd.edu; id WAA12611 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 22:06:27 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id WAA12582 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 22:06:23 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 22:06:21 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>

Subject: Ham-Equip Digest V95 #542
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240506.WAA12582@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 542

Today's Topics:
Another ICW2A Question
Apoligy to the Group
fixing swan 250c
IC-W31A Mods?
Opinions wanted: new newsgroup .forsale (2 msgs)
Returned mail: Local configuration error

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 21:31:54 GMT
From: pepperh@demo.bb.unisys.com (Hugh M. Pepper)
Subject: Another ICW2A Question

In article <SO-PATU.95Oct20101835@stekt14.oulu.fi>, so-patu@stekt14.oulu.fi (Timo Patana)
says:
>
>
>I have been trying to find a way how to disable receiving audio
>on W2 when transmitting an the other band. I have tried several
>ways how to do it, but without success so far. If somebody knows
>how to solve this, i'd like to hear from you.

Not to be simplistic here, but can't you just turn down the volume on the VFO
that you don't want to hear.. there are separate volume controls for
each VFO...

Hugh -

pepperh@demo.bb.unisys.com

Date: Mon, 23 Oct 1995 21:33:16 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Apoligy to the Group

Jay Maynard (jmaynard@admin5.hsc.uth.tmc.edu) wrote:

: It's not a problem for you at Netcom, but I can guarantee that continued
: forsale postings here _will_ make the group go away at many sites.

I have to admit, I was unaware of this problem until late in the discussion.

: During the reorganization that produced the current rec.radio.amateur.*
: groups, it was proposed that the .swap group be placed in the .amateur
: hierarchy. The consensus was that that was a Bad Idea both because hams swap
: equipment that isn't necessarily ham-specific, and because folks other than
: hams swap ham equipment. The group's placement where it is was both
: deliberate and the consensus view.

Well, even after a year, things change. I started another thread, offering
to propose the new group rec.radio.amateur.forsale, which I will check next.

BTW, I am not proposing that we dump the .swap group, only that we create a
new newsgroup that would be used for buying, selling and trading amateur
geam and related items, such as test equipment, tubes, etc. I am not saying
that this is the only answer, just that we should examine the situation as
it exists today.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: 22 Oct 1995 14:33:30 GMT
From: "Mark J. Acierno" <acierno@teclink.net>
Subject: fixing swan 250c

I bought a swan 250c about a year ago fram a ham in TX that swore that
the unit worked "the last time I turned it on" wellllll it got here and
didn't work. Being a student I didn't have the money to fix it (and
really, I still dont) Is it worth fixing or should I be looking at a new
mfj 6 m rig?? and who would I even contact about fixing it ?□are there
people that fix these older units at a reasonable cost - I still have
education bills to pay!□□

thanx
mark

Date: 23 Oct 1995 22:06:33 GMT
From: Mike Lubrecht <flowmole@accessone.com>
Subject: IC-W31A Mods?

I just bought a new Icom IC-W31A (my first ham radio on my new technician-class ticket!) and am interested in finding out any modifications to extend the receive range: particularly mods. that just involve keypad inputs/system resets. I would also be interested in hardware mods to increase the TX range, if they're not too difficult.

Either E-mail me (a preserve bandwidth) or post - I haven't seen much info on the W-31A, so there may be others who are interested.

Thanks!
Mike

Date: Mon, 23 Oct 1995 22:29:16 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Opinions wanted: new newsgroup .forsale

Dale Chidester (chideste@xvnews.unconfigured.domain) wrote:

: Why do people have such a problem with using rec.radio.swap? Is it that they don't
: know it exists? rec.radio.swap is intended for radio sales of all types, CB,
: amateur, SWL, etc. Who needs another news group? Educate the users! FS and WTB
: belong in rec.radio.swap period, end sentence.

It probably is that they do not know that .swap exists, because it is outside of the rec.radio.amateur.* hierarchy. I, for one, would prefer to have a newsgroup that was dedicateed to sale/trade/purchase of *amateur* equipment only. What is so wrong with creating a new newsgroup with a more specific purpose?

Obviously, continuing to repeat the same dogma has not made the problem go away. Maybe nothing will.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: Mon, 23 Oct 1995 15:40:39 GMT
From: mjjohn5@lookout.mtt.it.uswc.uswest.com (Mark Johnson)
Subject: Opinions wanted: new newsgroup .forsale

In article <jlowmanDGvoHu.IH8@netcom.com> jlowman@netcom.com (Jim Lowman) writes:

>
>1) While rec.radio.swap is the correct place for such ads, it is not
>specific to amateur radio equipment.

Sense this mess started I have been paying more attention to
rec.radio.swap. Most of the post do seem to relate to amateur radio
equipment or at least to equipment that could be used by hams.

>
>2) IMHO, the .forsale naming convention is widespread on the 'net, and is
>more descriptive than .swap.

I agree. The normal convention for such groups on the internet seems to
be forsale.

Also, as has been pointed out, rec.radio.swap does not follow the
rec.radio.amateur naming convention for newsgroups related to ham radio.
If someone is looking at a list of newsgroups. It does look like
rec.radio.amateur.equipment would be the place for fs posts.

>
>
If there is not a need for two such groups, maybe the rec.radio.swap
should be removed and rec.radio.amateur.forsale should take its place.

Thanks
73
Mark
WA0DCA

Date: 24 Oct 95 05:02:00 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--AAA08222.814510920/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 00:01:59 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--AAA08222.814510920/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id AAA08220 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 00:01:59 -0500
From: Ham-Equip@ucsd.edu

Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id AAA00498 for <arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 00:01:11 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu (PMDF V4.3-13 #7521) id <01HWSR7HW4K0004KN5@aardvark.ucs.uoknor.edu>; Tue, 24 Oct 1995 00:05:36 -0500 (CDT)
Date: Tue, 24 Oct 1995 00:05:35 -0500 (CDT)
Subject: Ham-Equip Digest V95 #541
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSR7HY02Q004KN5@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu (PMDF V4.3-13 #7521) id <01HWSR7936GG004WW0@aardvark.ucs.uoknor.edu>; Tue, 24 Oct 1995 00:05:24 -0500 (CDT)
Received: by mail.ucsd.edu; id UAA01776 sendmail 8.6.12/UCSD-2.2-sun Mon, 23 Oct 1995 20:52:08 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id UAA01760 sendmail 8.6.12/UCSD-2.2-sun Mon, 23 Oct 1995 20:52:06 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 20:52:04 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #541
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240352.UAA01760@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 541

Today's Topics:
** This Group Is Not For Sales or Purchases **
6146b neutralization---what does it do?
How Many FT-530 mods are there?
Info Needed on VE3YRC
Returned mail: Local configuration error (2 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 16:41:04 -0500
From: jmaynard@admin5.hsc.uth.tmc.edu (Jay Maynard)
Subject: ** This Group Is Not For Sales or Purchases **

In article <46gco2$a90@utopia.hacktic.nl>,
Anonymous <nowhere@bsu-cs.bsu.edu> wrote:
>This is one of the reasons anonymous remailers exist. No one would
>want this garbage in their mailbox.

The whole reason for those messages is your anonymity. If you were to post
under your own ID, you wouldn't have this problem.

I agree with the sentiments expressed, if not perhaps the language.

>The message is still the same. Ads belong on rec.radio.swap.

Yes, it is, but you are discrediting the message by your cowardice.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Next tine, Pinkus, let sleeping guard dogs lie...especially if they have
three heads!" -- The Brain, _Hercules Unwound_

Date: Mon, 23 Oct 1995 13:25:28 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: 6146b neutralization---what does it do?

In article <46b3tv$c1c@ncar.ucar.edu>,
tomas@ra.cgd.ucar.edu (Bob Tomas) wrote:
>What does neutralization of a pair of 6146b tubes do?
>
>bob

The main reason for neutralization is to prevent the tube(s) from oscillating.
An additional side benefit is that it makes the point of maximum power output
and minimum plate current the same. Otherwise, the tuning would be slightly
different for each. Neutralization is almost always required for
grounded-cathode amplifiers, and sometimes for grounded-grid too.

73, Bill W7LZP
wrt@eskimo.com

Date: 23 Oct 1995 21:11:25 GMT
From: HSHK84D@prodigy.com (Philip Stockmal)
Subject: How Many FT-530 mods are there?

Hi,
I am wondering how many mods are known that are for the Yaesu FT-530 HT.
I own one and I would like to do some of these mods on my HT. If you know
of any, no matter how old the mod is please send it to me at my E-Mail
address.
Thanks in advance...

Phil Stockmal, N1TMG
HSHK84D@PRODIGY.COM
President: 21 & Under DXing & CONTESTing Club

Date: Sat, 21 Oct 95 22:14:53 GMT
From: sdavid@terraport.net (Shivantha David)
Subject: Info Needed on VE3YRC

I am looking for any information on the York Region Amateur Radio Club.
Any info on club contacts and meetings will be appreciated.

Thanks in Advance,
Shiv.

Date: 24 Oct 95 02:55:49 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--VAA07016.814503349/ooz.backbone.uoknor.edu

The original message was received at Mon, 23 Oct 1995 21:55:48 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--VAA07016.814503349/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id VAA07014 for
<arees@ELECT1.CHEM.uoknor.edu>; Mon, 23 Oct 1995 21:55:48 -0500

From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id VAA00380 for <arees@elect4.uoknor.edu>; Mon, 23 Oct 1995 21:55:00 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu (PMDF V4.3-13 #7521) id <01HWSMT365IO004PWU@aardvark.ucs.uoknor.edu>; Mon, 23 Oct 1995 21:59:25 -0500 (CDT)
Date: Mon, 23 Oct 1995 21:59:25 -0500 (CDT)
Subject: Ham-Equip Digest V95 #539
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSMT38TYQ004PWU@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu (PMDF V4.3-13 #7521) id <01HWSMSVSDM80047JF@aardvark.ucs.uoknor.edu>; Mon, 23 Oct 1995 21:59:15 -0500 (CDT)
Received: by mail.ucsd.edu; id MAA23574 sendmail 8.6.12/UCSD-2.2-sun Mon, 23 Oct 1995 12:31:04 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id MAA23543 sendmail 8.6.12/UCSD-2.2-sun Mon, 23 Oct 1995 12:31:01 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 12:30:59 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #539
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510231931.MAA23543@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 539

Today's Topics:
** This Group Is Not For Sales or Purchases **
6146b neutralization---what does it do?
80m handies info
an HT from Hong Kong?
Dead Tubes? ? ??
Dentron Super Tuner
fixing swan 250c
FS: Icom P4AT 440 pocket size
Help: Mod 440Mhz to Australian CB Possible?

help with TINY-2
IC-706 VHF Mod
Jimmie "The Tube Man" Hawkins - What to do in this situation?
Kenwood TS-820
Military Communications Standards
Need help with ignition noise problem...
New MFJ 6 Meter SSB Rig
Opinions wanted: new newsgroup .forsale
POLARAD ESH-3
Radio Direction Finding gear.
Want: Service manual for TM-2570A
Want manual for AN/USM 117C OSCOPE
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

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policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 10:48:59 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: ** This Group Is Not For Sales or Purchases **

Hello,

As a new person to Internet, what I've learned here is.........

1.) The FAQ is too long and complicated to read, so it's ok to ignore it
and do what ever you like.

2.) The correct way to applogize for being insulting is with another
insult and a touch of superiority and more name calling mixed in.

3.) If I'm doing something wrong, and someone else corrects me in an
inappropriate manner, my response should be it to continue doing the wrong
thing on purpose to "teach my rival or subordinate a lesson" without
regard for my own ill-behavior. The ability to show someone else "I don't
have to listen to my underlings" would supersede maturity in this
situation, and excuse any poor behavior on my part.

4.) The people that cause or create all problems are from AOL or other
easy access services. Without them, none of this would occur.

5.) This group is really not for sales or purchases.

Do I have it all correct?

73 Tom

Date: 22 Oct 1995 00:57:35 GMT
From: Floyd Sense <sentek@nando.net>
Subject: 6146b neutralization---what does it do?

The purpose of neutralization of any rf amplifier stage is to balance out
effects of the grid-plate capacitance coupling in the amplifier. One of
the effects of an un neutralized amplifier is the possibility of the
stage breaking into oscillation. I suggest that you follow the
neutralization procedure described in the transmitter manual. It's not a
difficult thing to do.

Date: 23 Oct 95 09:52:51 GMT
From: aaguirr@aleph.FI.uba.AR (Anibal Aguirre)
Subject: 80m handies info

hi: i`need information about 80m or 80m and 40m handies (xtal or synth).
i`m not crazy.
i`need a dealer address or a factory address about this ht.
plase replay me by e-mail, because n`t have usenet accsess.
thanks for your time.
anibal aguirre. aaguirr@aleph.fi.uba.ar
LU4DVJ

Date: 23 Oct 1995 15:02:54 GMT
From: bobw@col.hp.com (Bob Witte)
Subject: an HT from Hong Kong?

David Cripps (d-cripps@dircon.co.uk) wrote:

: One thing's for sure - you will have a fantastic choice of radios! I felt guiddy
: every time I went shopping.

<snip>

: There are stories abound of people getting ripped off (especially in electrical shops),
: if it's anything to go by I didn't buy anything while I was there - the fantastic cheap
: bargins everybody hears about arn't there. The prices seem to be the same as
: in the UK (eg the newish Sony SW-100 was about 240 sterling).

: Save your self a LOT of hassle and buy local - and start up a friendship with the local
: ham store owner - much better in the long term.

After watching the discussion on this topic, my thoughts condense down
to this advice:
Enjoy the shopping experience (the variety of radios, old and new mixed
in with walkmans and electric razors) but buy very selectively (the
occasional good deal might show up but don't plan on a major radio
shopping trip).

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

Date: 22 Oct 1995 00:45:12 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Dead Tubes? ? ??

Agreed. Don't remember what kind of rig was mentioned, but, if it's a
Heath kit, chances are about 100 percent that what you say is true.

Date: 23 Oct 95 12:54:57 GMT
From: rogers@eng15.rochny.USpra.abb.COM (Bill_Rogers)
Subject: Dentron Super Tuner

Hi All:

Perhaps someone familiar with the Dentron Super Tuner could answer a few questions for me. I just found one for sale at a reasonable price but the owner could not answer my questions. Does anyone know the ratings? Does is have a roller inductor? What does the tuning circuit look like, i.e. transmatch... Has anyone modified one to 160m?

Thank you,
Bill KA2CKI

Date: Mon, 23 Oct 1995 01:21:19 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: fixing swan 250c

In article <46dknq$b08@felix.teclink.net> "Mark J. Acierno" <acierno@teclink.net> writes:
>I bought a swan 250c about a year ago fram a ham in TX that swore that
>the unit worked "the last time I turned it on" wellllll it got here and
>didn't work. Being a student I didn't have the money to fix it (and
>really, I still dont) Is it worth fixing or should I be looking at a new
>mfj 6 m rig?? and who would I even contact about fixing it ?□are there
>people that fix these older units at a reasonable cost - I still have
>education bills to pay!□□

"Didn't work" isn't very descriptive. What are the symptoms? These rigs are pretty simple. You can certainly fix most problems yourself. I wouldn't give up on it unless it had something like a fried power transformer or some other part that's impossible to get from a now defunct manufacturer.

This *is* amateur radio. You really should try to do more than turn the knobs on the front. Fixing old rigs is a good introduction to the workings of radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary

Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Oct 1995 07:18:41 -0400
From: rbryanj@aol.com (RBryanJ)
Subject: FS: Icom P4AT 440 pocket size

Hi Bryan here,

I have a mint P4AT, 100 channel with PL, DTMF, Scan, etc. Unit is a spare
used very little around the house. Includes softcase, original box and
manuals and wall charger.

Asking $220.00 shipped 48 states

Date: 23 Oct 1995 07:25:48 GMT
From: Chris Arai <arai@rahul.net>
Subject: Help: Mod 440Mhz to Australian CB Possible?

I would like to know if it is possible to modify a 440Mhz hand held to
work well on the Australian CB band. I believe it is about 470 Mhz, but
I'm not sure. If anyone knows the answer to that question as well I
would appreciate it.

Thanks

Chris

arai@rahul.net

--
Chris Arai <arai@rahul.net>

Date: Mon, 23 Oct 1995 01:14:33 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: help with TINY-2

In article <Pine.A32.3.91.951022003840.34003B-100000@academ03.mty.itesm.mx> XE2MXU/N5UHB
<fjorozco@academ03.mty.itesm.mx> writes:
>
>Hi all, here's another 'help-me!!' message:
>
>This time it's about a TINY-2 TNC. The thing connects and accepts
>connections and everything else, BUT, the damn thing doesn't print
>anything on my screen. I can go a ^C, and then 'c xe2xxx', and I will
>the the packets being exchanged, and the 'connect' LED will light up, but
>absolutely nothing shows on the screen. I've tried using procomm,
>Windows Terminal, and a few other dumb terminal programs with no luck.

>(Oh, I also tried XPCOM but couen't get it to acknowledge the tnc)
>
>Any ideas on this one?

Well you've probably got a flow control problem, though broken
hardware is also a possibility. You know you can send to the TNC,
and it behaves as expected in response to commands. Now have you
rechecked your serial cable wiring? The simplest thing when you
suspect flow control problems is to use a 3-wire connection,
gnd, TxD, and RxD only. The Tiny 2 is happy with this, but your
computer software has to be setup to ignore flow control. Procomm
lets you do that, and I expect the others do too.

If your computer has a DE-9 connector for serial use, just wire
pins 2,3,5 of the computer to pins 2,3,5 on the TNC. It should
talk if you've disabled flow control in your computer software.
When you power up the TNC, you should see the sign on banner
printed on your screen.

If your computer has a DB-25 serial connector, then you need
to wire it differently. Wire pin 7 of the computer connector
to pin 5 on the TNC. Pin 2 on the computer to pin 3 on the
TNC. And pin 3 on the computer to pin 2 on the TNC. Note that
pins 2 and 3 are reversed. Again, with flow control disabled
in your software, you should see the sign on banner print on
your screen when you power up the TNC.

If you don't see the sign on banner, then you probably have
a hardware fault. It could be the serial port on the computer,
have you tried that with some other serial device like a telephone
modem? Or it could be a problem in the Tiny 2. You'll have to
get out the test equipment and track that down.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 22 Oct 1995 15:26:10 GMT
From: "Stephen C. Gross" <sgross@enet.net>
Subject: IC-706 VHF Mod

I need the mod to allow out of band transmit on VHF for the IC-706.
I have already done the HF mod.

-steve

Stephen C. Gross

Pilot B737
America West Airlines

Date: Sat, 21 Oct 1995 23:52:35 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: Jimmie "The Tube Man" Hawkins - What to do in this situation?

In article <465r1u$3k3@newsbf02.news.aol.com>,
grauzer@aol.com (Grauzer) wrote:
>In an effort to save some money, I bought EL34 output tubes from Jimmie
>Hawkins, usually a seller of ham radio tubes at Southern California swap
>meets. I received the tubes mail order, having been told they were new.
>The tubes were blackened at the tops, clearly had been used, and when I
>called him, I was told that they are new, but I should try them, and if I
>don't like them, to return them and I'd get my money back. I tried them,
>blew fuses in my amp, and sent them back. He told me I had blackened the
>tubes, he could no longer sell them and sent them back to me. Have any
>others had problems with this guy? Perhaps at this point, the most I can
>do is tell others to be wary when dealing with him, so that someone else
>doesn't also get screwed.
>Dave

Not trying to defend 'ol Jimmie, but "blackened" is normal for nearly all
receiving tubes. Not always at the top, but always there somewhere. As part
of the manufacturing process, they induce a high current pulse into a part
inside the tube known as a "getter", and it flashes and burns up any stray
gas, thereby increasing the vacuum. The black stuff is the vaporized getter.

If a tube loses it's vacuum, the black part will turn gray -- a sure sign of a
bad tube. If that's what you have then yes, they're no good.

73, Bill W7LZP
wrt@eskimo.com

Date: 22 Oct 1995 01:03:54 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Kenwood TS-820

The price is good. Wonder if it's a TS-820S with the digital readout?
The digital readout circuit board was troublesome with poor solder
connections and often requires some work to make the display function.
You might want to contact Internation Radio in Port St. Lucie, Florida.
They used to publish a Kenwood Users newsletter and used to sell a
collection of the newsletter articles that dealt with the TS-820
specifically. There were a lot of shortcomings with the rig, but the
suggestions in the newletters go a long way towards making it a very good
rig. There was also an article or two in CQ or QST in the early eighties.
One of them dealt with adding the WARC bands to the rig. Not for the

feint of heart, but I was able to do the mod and it worked very well. International Radio also used to sell good SSB and CW filters for the rig. They also repair Kenwood gear. 73, K8AC in North Carolina

---

Date: 23 Oct 1995 04:05:44 -0400
From: screa@aol.com (Screa)
Subject: Military Communications Standards

I think mil spec 810 has to do with shock/vibration tests. Which does not mean that the radio is type accepted for anything but ham use.
KB6VTU.

Date: Sun, 22 Oct 1995 05:39:04 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Need help with ignition noise problem...

In article <xBLFQPE.mlazaroff@delphi.com> mlazaroff@delphi.com writes:
>I've done the following so far:
>
>new resistor plugs and cables
>coaxial feed-thru caps on the ignition leads and alternator
>bonding straps on the engine, hood, trunk, exhaust system,
> doors, fenders, and bumpers

Have you replaced the distributor *cap*. Often, carbon tracking in the cap is the source of ignition noise. (Of course this could be one of those engines with no distributor, but it's worth a shot.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 19 Oct 1995 18:26:24 GMT
From: andy@clark.net (andy)
Subject: New MFJ 6 Meter SSB Rig

James W. KELLEY (jwkelley@e4e.oac.uci.edu) wrote:
: The latest QST has an MFJ ad for a 6 meter (50-50.3MHz) SSB 10 watt radio
: for $259 with a mic. Does anybody know about this one yet?

Well, we do now. After reading previous posts on this subject, it appears that MFJ may not be quite ready to ship the units. But that's ok; pre-production advertising is really not that uncommon, providing the consumer is advised accordingly.

I think these little cheapie SSB/CW rigs are a great idea for the QRP fans. However, I am a bit surprised at their choice of bands. After having produced a 20 meter version, I would have guessed that a 10 or 15 meter unit would be next on the list, given that there may be a bit more activity on these bands.

andy

Date: Mon, 23 Oct 1995 16:29:09 GMT
From: k2ph@dxis.monroe.pa.us (Bob Schreibmaier)
Subject: Opinions wanted: new newsgroup .forsale

Date: 23 Oct 1995 08:01:22 -0400
From: radiomatt@aol.com (Radiomatt)
Subject: POLARAD ESH-3

Anybody know someone who has one?

Date: 23 Oct 1995 04:01:30 -0400
From: k5qq@aol.com (K5QQ)
Subject: Radio Direction Finding gear.

The Albuquerque T-Hunters were thinking the same thing about the two articles. Quite a few of us have dopplers and when we looked at the circuit boards and the "stuff" in the boxes, it did not appear to be any cheaper to build than a kit doppler.

Seemed like the two designs were very creative, but when you read the process to understand if the signal was "behind" you and the way you would have to turn around etc, it seems it's not very operationally effective.

I have one of the AB5CK dopplers and it works very good. No problem at any time determining where the signal appears to be coming from. I use four of the Hustler small 1/4 mag mounts and at $17, they are great. The PIN diode and the resistor mount in the base and so I don't even have a switching box on the roof.

I have both of the DF'er used in the articles and have played with them extensively, including the approach of putting them on a rotating mast and turning the mast to the signal null. In a real world environment, the multipath is the biggest issue and to be able to look at a display and realize that is what you are seeing and to determine when it seems you have a direct signal is of utmost importance.

The bottom line is that both work very well for the end point sniff, primarily because they continue to work right up to a transmitter. The The beam and attenuator technique suffer from the signal getting into the radio when you are close.

I don't want to criticize those who are energetic and build stuff, primarily cause I do a lot of fiddling myself, but I'm too lazy to write it up!! However, I think it is incorrect to say these two designs are cheaper than a doppler. However, if their only experience in the costs of a doppler are from looking at the costs of factory assembled units, then I understand the issue.

Adios all
Jim K5QQ

Date: Sat, 21 Oct 95 14:27:19 GMT
From: nadzam@garlic.com (Bill Nadzam)
Subject: Want: Service manual for TM-2570A

Subject says it all, I need a service manual for the Kenwood 2 meter radio "TM-2570A". If you have one, even a copy I'll buy it.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

Date: 22 Oct 1995 00:25:44 GMT
From: gcouger@jsun.agen.okstate.edu (Gordon Couger)
Subject: Want manual for AN/USM 117C OSCOPE

I have a couple of these scopes and need the manual to fix one of them.

Thanks
Gordon
AB5DG

Gordon Couger - Biosystems & Ag Engineering Oklhoma State Univ.
114 Ag Hall, Stillwater, OK 74078
Home 624 Cheyenne, Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405-624-2855 evenings 405 744 8392 work
I do not speak for my employer

Date: Sun, 22 Oct 1995 00:01:23 GMT
From: d90thoah@ida.liu.se (Thomas Ahlblom)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Hello!
I would like to how much a Kenwood HF rig costs in the US.

Can you give me a clue? Its not necessary to tell me where to get the cheapest rig - I just want to know the approximate price.

I'm interested in the following rigs:
Kenwood TS-450AT, TS-850AT and TS-870.

Tnx in advance & 73

de Thomas / SM5VOH

Internet: d90thoah@und.ida.liu.se
AX25: SM5VOH@SK5AS.E.SWE.EU

Date: (null)
From: (null)

I think you hit the nail on the head. I suspect the big problem is
that newcomers don't know about rec.radio.swap. It's not even in the
same hierarchy as the amateur radio groups. Newbies come in, see the
rec.radio.amateur hierarchy, see no forsale group, but see an equipment
group and think this must be the place. It's an easy mistake to make.

Yes, if they read the Guide to the Personal Radio Newsgroups they
wouldn't make the mistake. The Guide has lots of very useful info.
Unfortunately, the Guide is some 200+ lines in length. I wonder how
many people actually read it. Probably not many.

I would support a rec.radio.amateur.forsale newsgroup. I think this
would be far more intuitive for newcomers to figure out. Perhaps a
short, weekly "charter of the newsgroups" message would be useful as
well -- provided the author signs his/her/its name. 8^{)

73,
Bob K2PH

--
+------------------ \-\-\-\ ----------------------------+
Bob Schreibmaier K2PH	E-MAIL: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

End of Ham-Equip Digest V95 #539
****

--VAA07016.814503349/ooz.backbone.uoknor.edu--

Date: 24 Oct 95 03:46:10 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--WAA07851.814506370/ooz.backbone.uoknor.edu

The original message was received at Mon, 23 Oct 1995 22:46:09 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--WAA07851.814506370/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id WAA07849 for
<arees@ELECT1.CHEM.uoknor.edu>; Mon, 23 Oct 1995 22:46:09 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id WAA00415 for
<arees@elect4.uoknor.edu>; Mon, 23 Oct 1995 22:45:21 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSOKKCKUO004LL4@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 22:49:49 -0500 (CDT)
Date: Mon, 23 Oct 1995 22:49:49 -0500 (CDT)
Subject: Ham-Equip Digest V95 #540
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSOKKEGDE004LL4@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSOKAE3RK004GG7@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 22:49:36 -0500 (CDT)
Received: by mail.ucsd.edu; id TAA10270 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 19:15:20 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id TAA10196 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 19:15:15 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 19:15:09 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #540
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240215.TAA10196@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List

Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 540

Today's Topics:
(no subject)
** This Group Is Not For Sales or Purchases **
an HT from Hong Kong? (2 msgs)
Dead Tubes? ? ??
FREQUENCIES ????
FT-11R Sub-audible tone NOT!
Ft530 Mods?!!
Ham Swap Meets in Denver Area
Heathkit DX35 tranciever; Antique wind-up Morse code training thing
help plastic power connectors
HELP PLEASE! - Old RCA Senior Volt-Ohmist
IC-706 HF Rig Features
Need help with ignition noise problem...
Need some info on Kenwood SP940 speaker
Opinions wanted: new newsgroup .forsale
Radio Direction Finding gear.
unsubscribe
Wanted:HP 8555
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?
WWW Pentone

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 Oct 1995 15:15:31 GMT
From: nelson@fdt.net
Subject: (no subject)

I have a Phillips AM-FM Deluxe radio with five short wave bands. It is
about twenty years old and has developed a whooshing noise on all bands
all the time. I live in Gainesville Fl. I don't think there is a radio
repair store in town. Can old radios still be repaired? or do I have to
junk it?

Date: 23 Oct 1995 18:01:45 GMT
From: bobw@col.hp.com (Bob Witte)
Subject: ** This Group Is Not For Sales or Purchases **

W8JI Tom (w8jitom@aol.com) wrote:
: Hello,

: As a new person to Internet, what I've learned here is.....

<snip>

: 5.) This group is really not for sales or purchases.

: Do I have it all correct?

You got the most important one correct. If we could all get
THAT one straight, it would be a great start.

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

Date: 21 Oct 1995 17:09:22 -0700
From: ad7k@bighorn.accessnv.com (Squeak Porray)
Subject: an HT from Hong Kong?

If you want my name just ask. (timhynde@ix.netcom.com) wrote:

: >to Hong Kong soon and am interested in shopping for an HT. What can
: you
: >advise me about:

: I'd save myselft the trouble and buy from a stateside distributor,

Comments from a "Stateside distributor", who has had experience both ways
...

If you buy a radio from someone you never saw before, and never expect to
see again, all he is going to be interested in is getting your money out
of your wallet and you on your way.

If you buy from a local (or regional) dealer, you are buying from someone
who wants to see YOU happy, since he hopes that you will come back again
and again, for all those accessories, mobile radios, antennas and the
like that we hams always need to add to our collection.

If you bring in an oversees "Yaekenicostanco" radio, you will have NO US
warranty - the American distributors warrant only those radios that they
import, and quite possibly might not service them - they are completely
within their rights to do so. There very well may be (as has been in the
past) board or component differences between various versions of the
radio destined for different countries, thus compounding the situation.
(Some manufacturers have had up to five different versions of the same
radio - with each version destined for a different market area, with
different regulations.)

If you buy the radio from a local (or regional) dealer, you have someone
you can go to with questions and problems ... but long-distance calls to
Hong Kong to get answers to a question get expensive - to say nothing of
"how do you ask someone how to program odd splits for repeaters into your

new handy - when he is only really fluent, technically, in Chinese?"

I doubt that you will find any significant price differentials in buying in Hong Kong ... that was true years ago (I was there during the VietNam era), but not now, with the global economy/distribution situation now in existance. However, you can find real bargains in Hong Kong on things that are local-labor-intensive (like tailored suits for example).

Enjoy your trip ... take the tram to the top of Victoria Peak and let me know if the view is still as grand as it was on Christmas Day of 1972 ... and good luck to you!

Very 73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

ps: I hope you don't think I am touting just our company ... in the above, I speak for the Amateur Radio community in general, and I think that it speaks for all domestic Amateur Radio Dealers as well.

Date: Mon, 23 Oct 1995 18:50:11 GMT
From: rafaels@zimmer.CSUFresno.EDU (Rafael Solis)
Subject: an HT from Hong Kong?

In article <46b7s9$lmj@ixnews5.ix.netcom.com> timhynde@ix.netcom.com (If you want my name just ask.) writes:
>
>>to Hong Kong soon and am interested in shopping for an HT. What can
>you
>>advise me about:
>
>
>I'd save myselft the trouble and buy from a stateside distributor, I've
>heard of guys buying overseas HF gear with features or bands not avail.
>in U.S but I've never heard of any great bargains. What you save by
>shopping Hong Kong may cost you quickly if you have a problem or need
>an accessory for the radio.
>
>I have a Kenwood Dual band HT and like it alot.
>
>73, Tim ka8ddz

I agree with Tim. I've been to HK several times on business trips and it is not worth the hassling of dealing with the salesmen over there (prices are not fixed and you have to deal, yes as in bargaining!). Also there is the problem of the warranty. I don't think any of the major brands (K,I,Y) honor warranties of any equipment bought overseas. What I have bought though are accessories. Bring your AES catalog to check the price differences. Some things are cheaper there but others are around the same or even higher depending on the store.

Another suggestion is to get away from the Nathan Rd. stores, those
are usually overpriced.

Have fun in HK.

Rafael (KE6JSR)

Date: Sun, 22 Oct 1995 16:05:05 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Dead Tubes? ? ??

In article <46bhjh$b3m@ixnews7.ix.netcom.com> scibelli@ix.netcom.com (Christopher
Scibelli) writes:
>>On 18 Oct 1995 18:13:19 GMT, Floyd Sense <sentek@nando.net> wrote:
>
>>>Check the output power on 10 meters. If it's not up to spec there but is
>>>on the lower bands, you may need new finals. If you don't have a
>>>reliable watt meter, use a 100 watt light bulb as a dummy load and fire
>>>it up on 10 meters. If it appears to be fully bright, you're probably
>>>OK. 6146Bs tend to last a long, long time if not abused.
>
>Does this work for transistor rigs as well? My IC735 is now only
>putting out half power on 10, 3/4 power on 12 and full power on the
>other bands.

You need new 6146s in your IC735! :-)

Transistor finals generally don't "go soft" the way tubes do, so
this test isn't very useful for transistor rigs. Your symptom
could be the result of reduced PA gain, due to an internal
emitter ballast resistor failure, but it's probably another
cause. You might check the bandpass filter switching in the rig
for the two highest bands. And you might want to look at the
drive level from the low power stages. A hint to where the
trouble may lie would be whether this condition appeared
suddenly or had a gradual onset.

There may also be no problem with the rig at all. It may be doing
power foldback due to VSWR on the two highest bands. Are you testing
into a known good dummy load? No tune rigs won't work well at all
using a lightbulb for a dummy load. It's not even close to their
design output impedance. Lightbulbs work fine as crude loads on
the older rigs with tune and load controls, but not on the no tune
rigs. They have to see the right impedance, or they'll foldback
power.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us

Lawrenceville, GA 30244 | |

Date: 23 Oct 95 19:19:06 GMT
From: walter@idirect.com (SLEDDER)
Subject: FREQUENCIES ????

Can somone give me a list with the bands and their corresponding
frequencies.

PLEASE & THANK YOU

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo---
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
THINK SNOW ! ! !
=A9 Copyright 1995

Date: 23 Oct 1995 19:26:00 GMT
From: ydtlzmj@news.atglab.bls.combst.bls.com (Victor Gregg)
Subject: FT-11R Sub-audible tone NOT!

I have a friend here in Atlanta who has a FT-11R that
you can hear the CTCSS (should be sub audible) tone.

On very good repeaters, the tone noise is quite loud,
and at best annoying.

I have a FT-51R which does not have this problem.

Are there other Yaesu FT-?1R users with similar experiences?

Is there any adjustment my friend might make on his FT-11R?

Thanks,

Victor KF4BUX Gregg

Date: 21 Oct 1995 16:45:09 -0700
From: ad7k@bighorn.accessnv.com (Squeak Porray)
Subject: Ft530 Mods?!!

rossr (rossr@tcs.com) wrote:
: Hi, I recently bought an FT530, I also modified it for extended rxcv,

: however, the 900 mhz band does not rxcv as it does on a friend's
: FT530. --==> snip

This is as it should be ... Congress passed a law several years ago that made it illegal to manufacture (if domestic) or import (if from overseas) any receiver that receives, or can be modified to receive, cellular telephone conversations ... following up on the Electronic Privacy Act, which makes it illegal to actually receive cellular telephone conversations themselves. This prohibition went into effect in April of 1994 ... stocks on hand could be sold off, but nothing imported/manufactured after that date could be sold. There is no modification possible on these receivers, since the law was very specific in making sure that modification was impossible. If 800 MHz receive is important to you, your only hope is to find a radio made or imported before April of 1994 (i.e., pre-Lot 20 for an FT530), and hope you want it more than its current owner ($$$$$)!

73 and good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

Date: 23 Oct 1995 20:48:00 GMT
From: jmoody@denadm.ms.ch2m.com (Joe Moody)
Subject: Ham Swap Meets in Denver Area

I would like to find an upcoming ham radio swap meet in the Denver area. I also need to find someone to repair a Drake TR-7.

Please E-mail me, as I do not always read this newsgroup.

Thanks in advance for you help,
-
Joe Moody
(jmoody@denadm.ms.ch2m.com)

Date: Mon, 23 Oct 1995 19:23:33 GMT
From: al564@FreeNet.Carleton.CA (John Rakos)
Subject: Heathkit DX35 tranciever; Antique wind-up Morse code training thing

Thesed items are for sale for $50 each.

The DX35 has Q-mult and antenna
multiplier with
it. This transciever has crystals that you plug intothe back; comes with lots of crystals. I do not know enough about trancievers to see if it works - the tubes light up.

The morse code trainer comes with the paper tapes with holes...some new tapes with no holes!

--
John J. Rakos & Associates Consultants Ltd.
Project Management Consultants, 14 Palsen St., Ottawa, ON, Canada
Phone or Fax: (613) 727-1626

Date: 23 Oct 1995 21:12:17 GMT
From: w2gma@ix.netcom.com (MELVIN TOREN)
Subject: help plastic power connectors

Hi and thanks for reading this. I am looking for a source of the plastic two pin connectors that most of the manufactures are using for power cables on their vhf and uhf radios. I have an old radio that i had jones plugs on that i would like to change to the newer design but have been unable to acquire the plugs. Any help greatly appreciated.

Thanks,

mel, w2gma...

Date: 23 Oct 95 15:04:14 CDT
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Subject: HELP PLEASE! - Old RCA Senior Volt-Ohmist

I thought I might be able to restore the above after getting it in a lot of test equip. at a Hamfest.

Since it had some corrosion on the bottom of the from panel I opened it to find a corroded Alkaline 1.5v cell soldered in place. While the battery bracket looked original the cell wasn't.

The unit is AC operated with one 12AU7, and two 6AL5 tubes.

I can't get it to calibrate high enough on the DC ranges. ie, at a 1.48v source the best I can get the meter to read is about 1.3v.

Also while I can get a zero ohms with the probes shorted I can't get infinity on the high end.

Any idea what type of battery should be in it?
Do you think new tubes would help?
Do you think the capacitors are so old they should be replaced?
Am I wasting my time on this thing?

Thanks for reading and your thoughts. Please reply by e-mail to:

dharper@kumc.wpo.ukans.edu

73's de N0USP,
Dick

Date: 23 Oct 95 17:30:32 GMT
From: aust@gandalf.sp.TRw.COM (Mike Aust)
Subject: IC-706 HF Rig Features

I ran the AT-50 with the Special cable which allows to run directly
off 12V, then manually switching to the desired band, I had the tuner
automatically tune for low VSWR with the IC-706. I think the AT-50 is a real
good tuner to be used with the New Icom IC-706 HF rig, but this tuner
does not cover 6 meters!!
73's
Mike
W6TR
In article <9510222046.AA20001@haldir>, aust@gandalf.sp.TRw.COM (Mike
Aust) wrote:
> It will overload , my TS-50 also did overload, i.e. 80 and 160 meters, but
> when I used the Kenwood AT50 Antenna Tuner with the Kenwood TS-50, it
was pretty
> good.

Mike-

I currently use the TS-50 with the AT-50 in my car. There are about 15
people ahead of me on the AES/Orlando waiting list for the IC-706, with a
shipment expected in about a week.

I wonder what is involved in using the AT-50 with the Icom? I would think
you might at least need a special cable.

I agree with your comment about the TS-50's SSB filter. I plan to get the
narrow SSB filter for the Icom's narrow filter position, with intent of
possibly installing it in place of the existing filter. If this works
out, I would then get a CW filter to go in the narrow position. Does this
sound feasible?

73, Fred, K4DII

Date: Sat, 21 Oct 95 23:50:52 -0500
From: mlazaroff@delphi.com
Subject: Need help with ignition noise problem...

I have a 1988 Chrysler LeBaron with the 2.2L
turbocharged 4-cyl engine.
I've been unsuccessful in ridding it of ignition noise
in my HF mobile setup (FT900 with screwdriver antenna).
Even the AM broadcast radio suffers from the noise.
It does appear to be ignition noise, as it is the classic
"popping" and "hash" that varies with engine speed.
There is no alternator whine. The noise is not present
when the antenna is disconnected (i.e., it's being picked
up by the antenna and not coming in thru the power leads).
The rig's power cable is wired directly to the battery with
heavy, high-quality wire.

I've done the following so far:

new resistor plugs and cables
coaxial feed-thru caps on the ignition leads and alternator
bonding straps on the engine, hood, trunk, exhaust system,
doors, fenders, and bumpers

Starting the engine increases my noise level from S0/S1
to S4/S5. It's worst on 10, 15, and 20. There seems to be
little problem on 75 and 40; the rig's noise blanker eliminates
the noise there but is only partially effective on the higher
bands. With the noise blanker off, the noise is S7 and makes
mobile operation effectively impossible.

Out of the several cars I've operated mobile from, this is the
first one (and hopefully the last!) that has defied my efforts
to
"quiet it down". Anyone out there have any ideas/suggestions
other than the obvious "get rid of it and buy another car" :)?

73, Mike KB3RG

Date: Mon, 23 Oct 1995 18:58:31 GMT
From: dgf@netcom.com (David Feldman)
Subject: Need some info on Kenwood SP940 speaker

I picked up one of these w/o docs. Would someone care to send me the specs
or a copy (by fax maybe?) or please let me know by e-mail the specs around the
HIGH1, HIGH2 and LOW controls and the "line out" connector on the rear?

Thanks,

73 Dave WB0GAZ dgf@netcom.com

Date: Mon, 23 Oct 1995 22:20:27 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Opinions wanted: new newsgroup .forsale

Dan Brown (danb@a.crl.com) wrote:
: jlowman@netcom.com (Jim Lowman) wrote:

: >1) While rec.radio.swap is the correct place for such ads, it is not
: >specific to amateur radio equipment.

: From other discussions I've seen, this was intentional--amateurs use
: lots of non-ham equipment (Motorola UHF and VHF business-band radios,
: for instance). Most of the stuff I've seen in r.r.swap would be
: appropriate in a group in the .amateur hierarchy, either because (1)
: it is ham gear, (2) it can be modified to work in ham bands, or (3) it
: would be used in connection with ham gear.

What I would propose is that any amateur or related gear - anything that facilitates the operation or maintenance of an amateur radio station - would be "on topic." This could include, but not be limited to, test equipment, replacement parts, commercial gear that could be converted to operate on the authorized amateur frequencies - you get the idea.

: .swap, .marketplace, and .wanted are about as common as .forsale.
: Construed strictly, .forsale neglects "wanted" posts (and vice versa).
: For accuracy's sake, .marketplace seems like the best choice, but I
: think any of the four is about equally descriptive.

OK, I am not hung up on the actual name; whatever everyone feels is right, is fine with me.

: >3) Hopefully, we could guide individuals and commercial advertisers to this
: >new newsgroup, thus restoring rec.radio.amateur.equipment to its intended
: >purpose.

: The same is true of rec.radio.swap.

: >For the record, I don't think posting of ads is going to stop, even with the
: >flaming that is going on, unless there is a channel for advertisers to use.

: There is such a channel, though.

: The only real advantage I can see to rec.radio.amateur.{swap |
: marketplace | forsale} is that it would put a group with the other
: amateur groups, while the r.r.swap is detached a bit in the
: alphabetical list. When I saw the list of rec.radio.amateur groups, I
: went looking for a for-sale group, but apparently others don't bother.
: I tend to doubt they'd bother anyway, but I'm rather cynical that way.

When I first subscribed to the desired groups in rec.radio.amateur*, I looked for a .forsale or similar group. It was not until I noticed some retailer being flamed *on the newsgroup* for posting an ad, that I became aware of the .swap newsgroup. The considerate/experienced net user would probably look for, and find, a .forsale group if it were in the same hierarchy. The clueless will remain so, no matter what we do. Even if this proposed new group does not come to pass, I would hope that we could agree to stop flaming the advertisers on the newsgroup itself. I would hate to put all the net cops in a killfile, because they might just have something worthwhile to say down the road.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: Mon, 23 Oct 1995 13:44:20 -0500
From: mmusick@talx.com (Mike Musick)
Subject: Radio Direction Finding gear.

> In the November issuse of QST and 73 magazines are a couple of very
> interesting RDF (Radio Direction Finding) projects. The projects are
> entitled "The Four-Way DFer" and "Poor Man's Doppler".

You were being kind, Tom. The "Poor Man's Doppler" is aptly named, because not only do you have a big construction project, it's built around the Ramsey DF kit which will set you back $70 before you even start. By the time all is done, you *will* be poor if you weren't before.

When I saw Malcomb present "The Four-Way DFer" at Dayton this year, I had to ask myself "Why bother?" Not to detract from his efforts, but in the end his dual TDOA is more complicated than a Roanoke and has less resolution to boot. Attempts to increase the resolution beyond the 8 compass points on the "4-Way" become immensely complicated, too, because the L-R and F-B proportioning is nonlinear and therefore has to be calculated or compensated.

Your kit version of the Roanoke is a better deal all around. I've got three foxhunting friends with 'em and they're almost as good as my modified Atlanta kit. ;-)

> It is fun to share one ham's comment: "Dopplers are LETHAL when it comes
> to tracking down trouble makers".

Fer sure!
...mm

==========
Mike Musick/N0QBF |
71301.3106@compuserve.com | [Insert usual disclaimers here.]
mmusick@talx.com |

Date: 23 Oct 95 21:50:05 GMT
From: am257@detroit.FReenet.ORG (Tim English)
Subject: unsubscribe

unsubscribe

Date: Tue, 17 Oct 1995 21:24:00 MST
From: mater@primenet.com (Eric Nelson)
Subject: Wanted:HP 8555

I am interested in purchasing a working HP 8555 RF plug in for the 141T based HP spectrum analyzer. Please e-mail any info.

Thanks

Eric Nelson

Date: 23 Oct 95 19:22:14 GMT
From: walter@idirect.com (SLEDDER)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Try http://www.hamradio.com

Enjoy.!

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo----------
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
THINK SNOW ! ! !
=A9 Copyright 1995

Date: Mon, 23 Oct 95 17:06:04 GMT
From: Troll <Troll@nochet.demon.co.uk>
Subject: WWW Pentone

My mates run a company making radio modems and selcall modules;

WWW page is

http://www.io.com/~troll/pentone/index.html

--
Tom Zunder: Troll@nochet.demon.co.uk
http://www.io.com/user/troll/index.html
All views expressed are strictly my own.
May Argan Argar shield this mail

End of Ham-Equip Digest V95 #540
****

--WAA07851.814506370/ooz.backbone.uoknor.edu--

End of Ham-Equip Digest V95 #541
****

--AAA08222.814510920/ooz.backbone.uoknor.edu--

End of Ham-Equip Digest V95 #542
****

--BAA08689.814515766/ooz.backbone.uoknor.edu--

Date: Mon, 23 Oct 1995 23:46:42 GMT
From: bq342@freenet.buffalo.edu (Russ Rinckey)
Subject: SB 220 hook up

I am buying a sb 220 and want to hook up to my kenwood ts690 will the relays in the rig handel the sb220 ?

Date: 23 Oct 1995 21:28:18 GMT
From: pepperh@demo.bb.unisys.com (Hugh M. Pepper)
Subject: W2a audio going down (was: HELP - Icom ICW2A Speaker Connection)

In article <DGq88o.9BA@inter.NL.net>, geertj@ripe.net (Geert Jan de Groot) says:

>Repairing the W2a is easy (I did so several times), though diagnosing
>is difficult. Before you open the unit, do some tests like:
>- really verify if the problem is both VHF and UHF

Yep, problem is on both VFO's.. weak audio output on UHF and VHF.

>- Connect external speakers to both jacks and test again.

Yep, still weak audio, on internal and external speakers.

>- Does a quick powerdown/powerup restore audio levels?

If you key the mic very quickly, upon returning to receive, the
audio is louder, but then quickly goes back to very soft.

>- DO you notice distortion?

Yes, when the volume control is increased, the audio sometimes
even breaks up.. high distortion..

>It may be a capacitor going soft, but then again, it may not.

An SMD cap?? I have the schematics that came with the HT, but not
the service manual.. sounds more and more like a trip back to ICOM,
unless I can be fairly sure of the offending parts to take a chance
at replacing them. Even at that.. I would probably have to go to ICOM
for the parts anyway!!

>I do NOT recommend working on the unit if you can't take ESD precautions,

You mean grounded tip soldering irons right!!!

>if you don't have the maintenance manual, or if you are unconfortable
>working on 0102 SMD's. And remember NOT to transmit if the casing
>is not installed (the back side is the cooling).

Thanks for all the insight... And here I thought these radio's
would work forever!!!

Hugh -

pepperh@demo.bb.unisys.com

Date: Mon, 23 Oct 1995 23:22:21
From: jan.anker@ping.be (Jan Anker)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

In article <ragnaroek1995Oct23.152214.20835@news2.compulink.com> walter@idirect.com
(SLEDDER) writes:
>From: walter@idirect.com (SLEDDER)
>Subject: Re: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?
>Date: 23 Oct 95 19:22:14 GMT

>Try http://www.xxxxxxx.com

>Enjoy.!
>---
>-

>When you're through changing, you're through.

>CHECK OUT MY HOME PAGE& HOT LINKS @
>http://www.xxxxx.com/users/walter.html
> |___/|
> | o o |
>----oOO-------OOo---
>*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
>THINK SNOW ! ! !
> =A9 Copyright 1995

buying low..selling high... and here not a good place for this add's

---

End of Ham-Equip Digest V95 #543
****

--DAA09382.814523837/ooz.backbone.uoknor.edu--

Date: 24 Oct 1995 06:11:48 GMT
From: wd6dih@ix.netcom.com (Kevin Karamanos)
Subject: Yaesu repair help needed

In <lfloydDGxtzs.HM7@netcom.com> lfloyd@netcom.com (L. Floyd) writes:
>
>I need to send in my Yaesu FT-2400 for some repairs. Can anyone help
me
>with the phone number and/or address for Yaesu's west coast repair
shop?
>

>Larry - WB5HHM (/6)
>
>--
>
>L. Floyd
>lfloyd@netcom.com
>ftp://ftp.netcom.com/pub/lf/lfloyd/homepage.html

Hello Mr. Floyd,

Contact Yaesu USA at:

YAESU USA
17210 Edwards Road
Cerritos, CA 90703

Phone: 310-404-2700
(8-5 pm PST)

73's

Kevin

End of Ham-Equip Digest V95 #544
****

--FAA10035.814531471/ooz.backbone.uoknor.edu--

End of Ham-Equip Digest V95 #545
****

--GAA10268.814534352/ooz.backbone.uoknor.edu--

3416. Re: ** This Group Is Not For Sales or Purchas

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: Gerald Schmitt <kc5egg@eule.lanl.gov>
Message-ID: <46jrt2$p0k@newshost.lanl.gov>
Source record: 210928

In article <46jjit$kck@newsbf02.news.aol.com>, <davidb9608@aol.com> writes:

> If you are selling stuff put it in rec radio swap. I check this group once
> a week and rec radio swap every 6 hours

I have already had a number of responses so this is not such a bad place
your habit notwithstanding. Actually I almost always post my for sales
in .swap but control freaks make me act silly.

73 de Jerry

3417. Re: Am. auto radios 0.2 MHz tuning resolution

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: harris.pander01@ic1d.harris.com
Message-ID: <harris.pander01.35.308CD4E0@ic1d.harris.com>
Source record: 210929

>Most American cars have a built in radio that has a tuning resolution of 0.2
>MHz. All the steps are like 89.9-90.1-90.3 etc. no possibility to tune to
>frequencies like 90.0 or 90.2 MHz. At least in some parts of Europe the used
>channel resolution is 0.1 MHz. The mark of my radio is DELCO and the model I
>don't know right now, it is not marked on front panel.

>Does anyone have experience on modifications if there is any reasonable to
>cover this?
>How does it discord to listen a station having a 0.1 MHz offset on these 0.2
>MHz resolution radios?
>Do they have wider filters?

>Kimmo, W5/OH3WU

The European FM broadcast channels are spaced at 150 kHz intervals, as opposed to the US standard of 200 kHz. With most US automobile radios, you'll have no trouble tuning European stations, as your receiver's automatic frequency control (AFC) circuit will compensate reasonably well for the frequency difference. At least, that's been my experience...

****
*** Paul Anderson ***
*** E-mail: pander01@harris.com ***
*** Amateur Packet: AB4VA @ KD4WLE.#MLBFL.FL.USA.NA ***
****

3418. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-2410951338410001@k4dii.ksc.nasa.gov>
Source record: 210930

In article
<Pine.ULT.3.91.951020130718.11665A-100000@kilby.elee.calpoly.edu>, Cal
Eustaquio <ceustaqu@kilby.elee.calpoly.edu> wrote:
> Nope, I still disagree. The main purpose of the DSP unit is to use a
> computer algorithm to create a "transfer function" that will knock out
> interference (such as the heterodyning).

Cal-

I think the basis of many complaints about the Radio Shack DSP, is that it doesn't compare to others on the market. That doesn't mean it isn't effective against heterodynes.

The DSP's ability to knock out a heterodyne is very impressive. However, I find that some people talk in a monotone voice, and it knocks them out just as well!

73, Fred, K4DII

3419. Re: Heathkit DX35 tranciever; Antique wind-up Morse code training thing

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-2410951351160001@k4dii.ksc.nasa.gov>
Source record: 210931

In article <DGx1v9.DD7@freenet.carleton.ca>, al564@FreeNet.Carleton.CA
(John Rakos) wrote:
> The DX35 has Q-mult and antenna
> multiplier with
> it. This transciever has crystals that you plug intothe back; comes with
> lots of crystals. I do not know enough about trancievers to see if it
> works - the tubes light up.

John-

The DX35 is NOT a transceiver. It is a simple transmitter only, with
"controlled carrier" AM modulation. It dates from the mid-to-late 1950s.

73, Fred, K4DII

3420. Re: Need help with ignition noise problem...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: raf@dwroll.att.com
Message-ID: <DGz8xr.2FK@bigtop.dr.att.com>
Source record: 210932

From article <xBLFQPE.mlazaroff@delphi.com>, by mlazaroff@delphi.com:
>
>
> I have a 1988 Chrysler LeBaron with the 2.2L
> turbocharged 4-cyl engine.
> I've been unsuccessful in ridding it of ignition noise
> in my HF mobile setup (FT900 with screwdriver antenna).
> Even the AM broadcast radio suffers from the noise.
> It does appear to be ignition noise, as it is the classic
> "popping" and "hash" that varies with engine speed.
> There is no alternator whine. The noise is not present
> when the antenna is disconnected (i.e., it's being picked
> up by the antenna and not coming in thru the power leads).
> The rig's power cable is wired directly to the battery with
> heavy, high-quality wire.
>
> I've done the following so far:
>
> new resistor plugs and cables
> coaxial feed-thru caps on the ignition leads and alternator
> bonding straps on the engine, hood, trunk, exhaust system,
> doors, fenders, and bumpers
>
> Starting the engine increases my noise level from S0/S1
> to S4/S5. It's worst on 10, 15, and 20. There seems to be
> little problem on 75 and 40; the rig's noise blanker eliminates
> the noise there but is only partially effective on the higher
> bands. With the noise blanker off, the noise is S7 and makes
> mobile operation effectively impossible.
>
> Out of the several cars I've operated mobile from, this is the
> first one (and hopefully the last!) that has defied my efforts
> to
> "quiet it down". Anyone out there have any ideas/suggestions
> other than the obvious "get rid of it and buy another car" :)?
>
>
> 73, Mike KB3RG

I have had good luck with using braided copper sheath to enclose
the spark plug wires, building a copper box around the distributor,
and then bonding it all to the engine block. This essentially
encloses the wiring completely, shielding those little antennas
that we call spark plug wires. It made a day and night difference

on my 1985 Toyota Tercel. Try it, it should only take a few hours.

73, Richard, KA0DXM
Boulder Colorado

My opinions are my own, not those of my employer.

3421. Need command set for GLB-PK1 TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: laird@hal.lamar.edu
Message-ID: <1995Oct24.204516.291@hal>
Source record: 210933

Need to find a command set for the GLB -PK1 TNC for a fellow ham without INET access. If you have and don't mind sending electronically, please email to: laird@hal.lamar.edu

3422. Re: Kenwood TM-742a w/UT28s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: josh@pirate.org
Message-ID: <josh-2410952344280001@manitou.pirate.org>
Source record: 210934
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,uk.radio.amateur

In article <46k0si$n80$1@mhafn.production.compuserve.com>, Robert H&#65533;yvald
<72242.477@CompuServe.COM> wrote:

> To ALL:
> I have a TM_742a with the UT-28s module installed. I also have
> done the expanded TX/RX on the unit. The unit works fine except on
> the 10M side. It seems that the unit can TX up to 45mhz, but it
> will not RX over 30mhz. I sent the unit to Kenwood Service Center
> East and they said it is up to specs. The problem is that I need
> to receive freqs. at 33.94 and lower. I can tranmit there but I
> don't need that I just need to receive. These are fire bands and
> going to the fire calls without having a scanner in the car would
> be a great help.
>
> Is there anyway to fix this problem???
> ANY HELP IS GREATLY NEEDED!!!
>
> THanks Robert H&#65533;yvald, KB2UWJ

I too have the tm-742a with the 28mhz unit and I am having no problem
Reciving over 30mhz. The only problem I am having is that when I tx on
high power in the 28mhz range It locks up the radio. A friend of mine has
the same radio and the recive is fine but he too has the TX problem. I
would check the mod again and make sure you are following the ARTSCI book
and they will work fine.

```
L8
Josh hoffman KD6WJX

--
**************************************************
Http://www.pirate.org/home/jhoffman
To talk If I am on josh@manitou.pirate.org
**************************************************
```

3423. Re: ICOM IC2340H UHF Tuning Dial Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <46kb2b$f4j@bighorn.accessnv.com>
Source record: 210935

Dan Castro (danc@cts.com) wrote:
: My ICOM is still under warrantee, so I'll just take it in to have it fixed, but
: I was wondering if anyone might know of what might cause the problem of the UHF
: tuning dial not working. I've tried reseting (partial and full) the radio and a
: few other things, but I think it is actually a failure in the radio.
--snip--

If you would like to attempt local fix before sending it in to Icom, I
would suggest a call to Icom's (excellent) technical assistance line,
(206) 454-7619 ... the guys there are very good at phone help!

73, and good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

3424. Re: help plastic power connectors

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <46kbjt$fbv@bighorn.accessnv.com>
Source record: 210936

MELVIN TOREN (w2gma@ix.netcom.com) wrote:
: Hi and thanks for reading this. I am looking for a source of the
: plastic two pin connectors that most of the manufactures are using for
: power cables on their vhf and uhf radios. I have an old radio that i
: had jones plugs on that i would like to change to the newer design but
: have been unable to acquire the plugs. Any help greatly appreciated.

: Thanks,

: mel, w2gma...

This connector is quite heavily used in the automotive industry ... check
well-stocked auto parts houses in your area for probable local source ...
otherwise, call Kenwood Parts (East Coast Transistor Parts at 800-637-0388).

73, and good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

3425. TM-321 Power Increase?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: k8mr@barf80.nshore.org
Message-ID: <Ba7gDD1w165w@barf80.nshore.org>
Source record: 210937

A friend who has an ICOM IC-38A 222 MHz transceiver reports that although this radio is advertised as a 25 watt radio, it will put out 45 watts by adjustment of an internal drive pot. Apparently it is factory set at 25 watts to meet the novice class power limit.

My question: does anyone know if the same is true for the Kenwood TM-321, which I have? Or is 25 watts the absolute max for this radio?

Jim Stahl K8MR k8mr@barf80.nshore.org

Jim Stahl
InterNet: k8mr@barf80.nshore.org
Basic Amateur Radio Frequency, BARF-80 +1 216/237-8208
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud

3426. hf rigs moving sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: reble@ONEWORLD.OWT.COM
Message-ID: <46hjnf$v6a@paperboy.owt.com>
Source record: 211031

```
1 heathkit hw-101 80-10 meters trancever with usb/lsb/am the am
modulator is an add on, also 11 meters (cb) has been added but
i still have orignal 10 meter crystals and the manual. the
transcever is in good working order.
i am asking $200.00 or best offer.
-
1 realistic sw recever model dx-160----------$100.00 or best offer
-
-
-
i can be reached via one of the following ways
-
via voice land line at 509-547-0231
via packet radio at KC7BYP@WA7EAQ
via internet at reble@oneworld.owt.com
-
-
-
steve (kc7byp)
```

3427. Re: FLAMES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <46hilv$ig9@uwm.edu>
Source record: 211032

PArland (parland@aol.com) wrote:
: I'd like to take this opportunity to thank all who sent me tons of mail
: suggesting that I take my ad about the T-T linear to another listing.

I have gotten similar mail, and i find it odd that you are not allowed to post ham equipment for sale in a group with this title....

rec.radio.swap is ok, but is rather broad. Is it possible to create a new group, perhaps rec.radio.amateur.equipment.swap? or rec.radio.amateur.swap? Something like this would make it easier to post/find ham gear fs/trade without having to read 1,000,000,000 ads for scanners, etc....

Nate, KB9LSX

3428. Returned mail: Local configuration error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: MAILER-DAEMON@uoknor.EDU
Message-ID: <199510240255.VAA07016@ooz.backbone.uoknor.edu>
Source record: 211033

```
This is a MIME-encapsulated message

--VAA07016.814503349/ooz.backbone.uoknor.edu

The original message was received at Mon, 23 Oct 1995 21:55:48 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--VAA07016.814503349/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id VAA07014 for
<arees@ELECT1.CHEM.uoknor.edu>; Mon, 23 Oct 1995 21:55:48 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id VAA00380 for
<arees@elect4.uoknor.edu>; Mon, 23 Oct 1995 21:55:00 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSMT365IO004PWU@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 21:59:25 -0500 (CDT)
Date: Mon, 23 Oct 1995 21:59:25 -0500 (CDT)
Subject: Ham-Equip Digest V95 #539
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSMT38TYQ004PWU@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSMSVSDM80047JF@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 21:59:15 -0500 (CDT)
Received: by mail.ucsd.edu; id MAA23574 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 12:31:04 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id MAA23543 sendmail 8.6.12/UCSD-2.2-sun Mon,
```

23 Oct 1995 12:31:01 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 12:30:59 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #539
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510231931.MAA23543@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 539

Today's Topics:
** This Group Is Not For Sales or Purchases **
6146b neutralization---what does it do?
80m handies info
an HT from Hong Kong?
Dead Tubes? ? ??
Dentron Super Tuner
fixing swan 250c
FS: Icom P4AT 440 pocket size
Help: Mod 440Mhz to Australian CB Possible?
help with TINY-2
IC-706 VHF Mod
Jimmie "The Tube Man" Hawkins - What to do in this situation?
Kenwood TS-820
Military Communications Standards
Need help with ignition noise problem...
New MFJ 6 Meter SSB Rig
Opinions wanted: new newsgroup .forsale
POLARAD ESH-3
Radio Direction Finding gear.
Want: Service manual for TM-2570A
Want manual for AN/USM 117C OSCOPE
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 10:48:59 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: ** This Group Is Not For Sales or Purchases **

Hello,

As a new person to Internet, what I've learned here is.....

1.) The FAQ is too long and complicated to read, so it's ok to ignore it and do what ever you like.

2.) The correct way to applogize for being insulting is with another insult and a touch of superiority and more name calling mixed in.

3.) If I'm doing something wrong, and someone else corrects me in an inappropriate manner, my response should be it to continue doing the wrong thing on purpose to "teach my rival or subordinate a lesson" without regard for my own ill-behavior. The ability to show someone else "I don't have to listen to my underlings" would supersede maturity in this situation, and excuse any poor behavior on my part.

4.) The people that cause or create all problems are from AOL or other easy access services. Without them, none of this would occur.

5.) This group is really not for sales or purchases.

Do I have it all correct?

73 Tom

Date: 22 Oct 1995 00:57:35 GMT
From: Floyd Sense <sentek@nando.net>
Subject: 6146b neutralization---what does it do?

The purpose of neutralization of any rf amplifier stage is to balance out effects of the grid-plate capacitance coupling in the amplifier. One of the effects of an un neutralized amplifier is the possibility of the stage breaking into oscillation. I suggest that you follow the neutralization procedure described in the transmitter manual. It's not a difficult thing to do.

Date: 23 Oct 95 09:52:51 GMT
From: aaguirr@aleph.FI.uba.AR (Anibal Aguirre)
Subject: 80m handies info

hi: i`need information about 80m or 80m and 40m handies (xtal or synth).
i`m not crazy.
i`need a dealer address or a factory address about this ht.
plase replay me by e-mail, because n`t have usenet accsess.
thanks for your time.
anibal aguirre. aaguirr@aleph.fi.uba.ar
LU4DVJ

Date: 23 Oct 1995 15:02:54 GMT
From: bobw@col.hp.com (Bob Witte)
Subject: an HT from Hong Kong?

David Cripps (d-cripps@dircon.co.uk) wrote:

: One thing's for sure - you will have a fantastic choice of radios! I felt guiddy
: every time I went shopping.

<snip>

: There are stories abound of people getting ripped off (especially in electrical shops),
: if it's anything to go by I didn't buy anything while I was there - the fantastic cheap
: bargins everybody hears about arn't there. The prices seem to be the same as
: in the UK (eg the newish Sony SW-100 was about 240 sterling).

: Save your self a LOT of hassle and buy local - and start up a friendship with the local
: ham store owner - much better in the long term.

After watching the discussion on this topic, my thoughts condense down
to this advice:
Enjoy the shopping experience (the variety of radios, old and new mixed
in with walkmans and electric razors) but buy very selectively (the
occasional good deal might show up but don't plan on a major radio
shopping trip).

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

Date: 22 Oct 1995 00:45:12 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Dead Tubes? ? ??

Agreed. Don't remember what kind of rig was mentioned, but, if it's a
Heath kit, chances are about 100 percent that what you say is true.

Date: 23 Oct 95 12:54:57 GMT
From: rogers@eng15.rochny.USpra.abb.COM (Bill_Rogers)
Subject: Dentron Super Tuner

Hi All:

Perhaps someone familiar with the Dentron Super Tuner could answer a few questions for me. I just found one for sale at a reasonable price but the owner could not answer my questions. Does anyone know the ratings? Does is have a roller inductor? What does the tuning circuit look like, i.e. transmatch... Has anyone modified one to 160m?

Thank you,
Bill KA2CKI

Date: Mon, 23 Oct 1995 01:21:19 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: fixing swan 250c

In article <46dknq$b08@felix.teclink.net> "Mark J. Acierno" <acierno@teclink.net> writes:
>I bought a swan 250c about a year ago fram a ham in TX that swore that
>the unit worked "the last time I turned it on" wellllll it got here and
>didn't work. Being a student I didn't have the money to fix it (and
>really, I still dont) Is it worth fixing or should I be looking at a new
>mfj 6 m rig?? and who would I even contact about fixing it ?□are there
>people that fix these older units at a reasonable cost - I still have
>education bills to pay!□□

"Didn't work" isn't very descriptive. What are the symptoms? These
rigs are pretty simple. You can certainly fix most problems yourself.
I wouldn't give up on it unless it had something like a fried power
transformer or some other part that's impossible to get from a now
defunct manufacturer.

This *is* amateur radio. You really should try to do more than
turn the knobs on the front. Fixing old rigs is a good introduction
to the workings of radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Oct 1995 07:18:41 -0400
From: rbryanj@aol.com (RBryanJ)
Subject: FS: Icom P4AT 440 pocket size

Hi Bryan here,

I have a mint P4AT, 100 channel with PL, DTMF, Scan, etc. Unit is a spare
used very little around the house. Includes softcase, original box and
manuals and wall charger.

Asking $220.00 shipped 48 states

Date: 23 Oct 1995 07:25:48 GMT
From: Chris Arai <arai@rahul.net>
Subject: Help: Mod 440Mhz to Australian CB Possible?

I would like to know if it is possible to modify a 440Mhz hand held to
work well on the Australian CB band. I believe it is about 470 Mhz, but
I'm not sure. If anyone knows the answer to that question as well I
would appreciate it.

Thanks

Chris

arai@rahul.net

--
Chris Arai <arai@rahul.net>

Date: Mon, 23 Oct 1995 01:14:33 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: help with TINY-2

In article <Pine.A32.3.91.951022003840.34003B-100000@academ03.mty.itesm.mx> XE2MXU/N5UHB
<fjorozco@academ03.mty.itesm.mx> writes:
>
>Hi all, here's another 'help-me!!' message:
>
>This time it's about a TINY-2 TNC. The thing connects and accepts
>connections and everything else, BUT, the damn thing doesn't print
>anything on my screen. I can go a ^C, and then 'c xe2xxx', and I will
>the the packets being exchanged, and the 'connect' LED will light up, but
>absolutely nothing shows on the screen. I've tried using procomm,
>Windows Terminal, and a few other dumb terminal programs with no luck.
>(Oh, I also tried XPCOM but couen't get it to acknowledge the tnc)
>
>Any ideas on this one?

Well you've probably got a flow control problem, though broken
hardware is also a possibility. You know you can send to the TNC,
and it behaves as expected in response to commands. Now have you
rechecked your serial cable wiring? The simplest thing when you
suspect flow control problems is to use a 3-wire connection,
gnd, TxD, and RxD only. The Tiny 2 is happy with this, but your
computer software has to be setup to ignore flow control. Procomm
lets you do that, and I expect the others do too.

If your computer has a DE-9 connector for serial use, just wire
pins 2,3,5 of the computer to pins 2,3,5 on the TNC. It should
talk if you've disabled flow control in your computer software.
When you power up the TNC, you should see the sign on banner
printed on your screen.

If your computer has a DB-25 serial connector, then you need
to wire it differently. Wire pin 7 of the computer connector
to pin 5 on the TNC. Pin 2 on the computer to pin 3 on the
TNC. And pin 3 on the computer to pin 2 on the TNC. Note that
pins 2 and 3 are reversed. Again, with flow control disabled
in your software, you should see the sign on banner print on
your screen when you power up the TNC.

If you don't see the sign on banner, then you probably have
a hardware fault. It could be the serial port on the computer,
have you tried that with some other serial device like a telephone
modem? Or it could be a problem in the Tiny 2. You'll have to
get out the test equipment and track that down.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 22 Oct 1995 15:26:10 GMT
From: "Stephen C. Gross" <sgross@enet.net>
Subject: IC-706 VHF Mod

I need the mod to allow out of band transmit on VHF for the IC-706.
I have already done the HF mod.

-steve

Stephen C. Gross
Pilot B737
America West Airlines

Date: Sat, 21 Oct 1995 23:52:35 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: Jimmie "The Tube Man" Hawkins - What to do in this situation?

In article <465r1u$3k3@newsbf02.news.aol.com>,
grauzer@aol.com (Grauzer) wrote:
>In an effort to save some money, I bought EL34 output tubes from Jimmie
>Hawkins, usually a seller of ham radio tubes at Southern California swap
>meets. I received the tubes mail order, having been told they were new.
>The tubes were blackened at the tops, clearly had been used, and when I
>called him, I was told that they are new, but I should try them, and if I
>don't like them, to return them and I'd get my money back. I tried them,
>blew fuses in my amp, and sent them back. He told me I had blackened the
>tubes, he could no longer sell them and sent them back to me. Have any
>others had problems with this guy? Perhaps at this point, the most I can
>do is tell others to be wary when dealing with him, so that someone else
>doesn't also get screwed.
>Dave

Not trying to defend 'ol Jimmie, but "blackened" is normal for nearly all
receiving tubes. Not always at the top, but always there somewhere. As part
of the manufacturing process, they induce a high current pulse into a part

inside the tube known as a "getter", and it flashes and burns up any stray gas, thereby increasing the vacuum. The black stuff is the vaporized getter.

If a tube loses it's vacuum, the black part will turn gray -- a sure sign of a bad tube. If that's what you have then yes, they're no good.

73, Bill W7LZP
wrt@eskimo.com

Date: 22 Oct 1995 01:03:54 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Kenwood TS-820

The price is good. Wonder if it's a TS-820S with the digital readout? The digital readout circuit board was troublesome with poor solder connections and often requires some work to make the display function. You might want to contact Internation Radio in Port St. Lucie, Florida. They used to publish a Kenwood Users newsletter and used to sell a collection of the newsletter articles that dealt with the TS-820 specifically. There were a lot of shortcomings with the rig, but the suggestions in the newletters go a long way towards making it a very good rig. There was also an article or two in CQ or QST in the early eighties. One of them dealt with adding the WARC bands to the rig. Not for the feint of heart, but I was able to do the mod and it worked very well. International Radio also used to sell good SSB and CW filters for the rig. They also repair Kenwood gear. 73, K8AC in North Carolina

---

Date: 23 Oct 1995 04:05:44 -0400
From: screa@aol.com (Screa)
Subject: Military Communications Standards

I think mil spec 810 has to do with shock/vibration tests. Which does not mean that the radio is type accepted for anything but ham use.
KB6VTU.

Date: Sun, 22 Oct 1995 05:39:04 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Need help with ignition noise problem...

In article <xBLFQPE.mlazaroff@delphi.com> mlazaroff@delphi.com writes:
>I've done the following so far:
>
>new resistor plugs and cables
>coaxial feed-thru caps on the ignition leads and alternator
>bonding straps on the engine, hood, trunk, exhaust system,
> doors, fenders, and bumpers

Have you replaced the distributor *cap*. Often, carbon tracking
in the cap is the source of ignition noise. (Of course this could
be one of those engines with no distributor, but it's worth a shot.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 19 Oct 1995 18:26:24 GMT
From: andy@clark.net (andy)
Subject: New MFJ 6 Meter SSB Rig

James W. KELLEY (jwkelley@e4e.oac.uci.edu) wrote:
: The latest QST has an MFJ ad for a 6 meter (50-50.3MHz) SSB 10 watt radio
: for $259 with a mic. Does anybody know about this one yet?

Well, we do now. After reading previous posts on this subject, it appears
that MFJ may not be quite ready to ship the units. But that's ok;
pre-production advertising is really not that uncommon, providing the
consumer is advised accordingly.

I think these little cheapie SSB/CW rigs are a great idea for the QRP
fans. However, I am a bit surprised at their choice of bands. After having
produced a 20 meter version, I would have guessed that a 10 or 15 meter
unit would be next on the list, given that there may be a bit more
activity on these bands.

andy

Date: Mon, 23 Oct 1995 16:29:09 GMT
From: k2ph@dxis.monroe.pa.us (Bob Schreibmaier)
Subject: Opinions wanted: new newsgroup .forsale

Date: 23 Oct 1995 08:01:22 -0400
From: radiomatt@aol.com (Radiomatt)
Subject: POLARAD ESH-3

Anybody know someone who has one?

Date: 23 Oct 1995 04:01:30 -0400
From: k5qq@aol.com (K5QQ)
Subject: Radio Direction Finding gear.

The Albuquerque T-Hunters were thinking the same thing about the two
articles. Quite a few of us have dopplers and when we looked at the

circuit boards and the "stuff" in the boxes, it did not appear to be any cheaper to build than a kit doppler.

Seemed like the two designs were very creative, but when you read the process to understand if the signal was "behind" you and the way you would have to turn around etc, it seems it's not very operationally effective.

I have one of the AB5CK dopplers and it works very good. No problem at any time determining where the signal appears to be coming from. I use four of the Hustler small 1/4 mag mounts and at $17, they are great. The PIN diode and the resistor mount in the base and so I don't even have a switching box on the roof.

I have both of the DF'er used in the articles and have played with them extensively, including the approach of putting them on a rotating mast and turning the mast to the signal null. In a real world environment, the multipath is the biggest issue and to be able to look at a display and realize that is what you are seeing and to determine when it seems you have a direct signal is of utmost importance.

The bottom line is that both work very well for the end point sniff, primarily because they continue to work right up to a transmitter. The The beam and attenuator technique suffer from the signal getting into the radio when you are close.

I don't want to criticize those who are energetic and build stuff, primarily cause I do a lot of fiddling myself, but I'm too lazy to write it up!! However, I think it is incorrect to say these two designs are cheaper than a doppler. However, if their only experience in the costs of a doppler are from looking at the costs of factory assembled units, then I understand the issue.

Adios all
Jim K5QQ

Date: Sat, 21 Oct 95 14:27:19 GMT
From: nadzam@garlic.com (Bill Nadzam)
Subject: Want: Service manual for TM-2570A

Subject says it all, I need a service manual for the Kenwood 2 meter radio "TM-2570A". If you have one, even a copy I'll buy it.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

Date: 22 Oct 1995 00:25:44 GMT
From: gcouger@jsun.agen.okstate.edu (Gordon Couger)
Subject: Want manual for AN/USM 117C OSCOPE

I have a couple of these scopes and need the manual to fix one of them.

Thanks
Gordon
AB5DG

Gordon Couger - Biosystems & Ag Engineering Oklhoma State Univ.
114 Ag Hall, Stillwater, OK 74078
Home 624 Cheyenne, Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405-624-2855 evenings 405 744 8392 work
I do not speak for my employer

Date: Sun, 22 Oct 1995 00:01:23 GMT
From: d90thoah@ida.liu.se (Thomas Ahlblom)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Hello!
I would like to how much a Kenwood HF rig costs in the US.

Can you give me a clue? Its not necessary to tell me where to get the
cheapest rig - I just want to know the approximate price.

I'm interested in the following rigs:
Kenwood TS-450AT, TS-850AT and TS-870.

Tnx in advance & 73

de Thomas / SM5VOH

Internet: d90thoah@und.ida.liu.se
AX25: SM5VOH@SK5AS.E.SWE.EU

Date: (null)
From: (null)

I think you hit the nail on the head. I suspect the big problem is
that newcomers don't know about rec.radio.swap. It's not even in the
same hierarchy as the amateur radio groups. Newbies come in, see the
rec.radio.amateur hierarchy, see no forsale group, but see an equipment
group and think this must be the place. It's an easy mistake to make.

Yes, if they read the Guide to the Personal Radio Newsgroups they
wouldn't make the mistake. The Guide has lots of very useful info.
Unfortunately, the Guide is some 200+ lines in length. I wonder how
many people actually read it. Probably not many.

I would support a rec.radio.amateur.forsale newsgroup. I think this
would be far more intuitive for newcomers to figure out. Perhaps a
short, weekly "charter of the newsgroups" message would be useful as
well -- provided the author signs his/her/its name. 8^{)

73,
Bob K2PH

--
+------------------ \-\-\-\ ----------------------------+
Bob Schreibmaier K2PH	E-MAIL: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

End of Ham-Equip Digest V95 #539
****

--VAA07016.814503349/ooz.backbone.uoknor.edu--

3429. Returned mail: Local configuration error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: MAILER-DAEMON@uoknor.EDU
Message-ID: <199510240502.AAA08222@ooz.backbone.uoknor.edu>
Source record: 211034

```
This is a MIME-encapsulated message

--AAA08222.814510920/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 00:01:59 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--AAA08222.814510920/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id AAA08220 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 00:01:59 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id AAA00498 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 00:01:11 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSR7HW4K0004KN5@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 00:05:36 -0500 (CDT)
Date: Tue, 24 Oct 1995 00:05:35 -0500 (CDT)
Subject: Ham-Equip Digest V95 #541
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSR7HY02Q004KN5@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSR7936GG004WW0@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 00:05:24 -0500 (CDT)
Received: by mail.ucsd.edu; id UAA01776 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 20:52:08 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id UAA01760 sendmail 8.6.12/UCSD-2.2-sun Mon,
```

23 Oct 1995 20:52:06 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 20:52:04 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #541
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240352.UAA01760@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 541

Today's Topics:
** This Group Is Not For Sales or Purchases **
6146b neutralization---what does it do?
How Many FT-530 mods are there?
Info Needed on VE3YRC
Returned mail: Local configuration error (2 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 16:41:04 -0500
From: jmaynard@admin5.hsc.uth.tmc.edu (Jay Maynard)
Subject: ** This Group Is Not For Sales or Purchases **

In article <46gco2$a90@utopia.hacktic.nl>,
Anonymous <nowhere@bsu-cs.bsu.edu> wrote:
>This is one of the reasons anonymous remailers exist. No one would
>want this garbage in their mailbox.

The whole reason for those messages is your anonymity. If you were to post
under your own ID, you wouldn't have this problem.

I agree with the sentiments expressed, if not perhaps the language.

>The message is still the same. Ads belong on rec.radio.swap.

Yes, it is, but you are discrediting the message by your cowardice.
--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Next tine, Pinkus, let sleeping guard dogs lie...especially if they have
three heads!" -- The Brain, _Hercules Unwound_

Date: Mon, 23 Oct 1995 13:25:28 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: 6146b neutralization---what does it do?

In article <46b3tv$c1c@ncar.ucar.edu>,
tomas@ra.cgd.ucar.edu (Bob Tomas) wrote:
>What does neutralization of a pair of 6146b tubes do?
>
>bob

The main reason for neutralization is to prevent the tube(s) from oscillating.
An additional side benefit is that it makes the point of maximum power output
and minimum plate current the same. Otherwise, the tuning would be slightly
different for each. Neutralization is almost always required for
grounded-cathode amplifiers, and sometimes for grounded-grid too.

73, Bill W7LZP
wrt@eskimo.com

Date: 23 Oct 1995 21:11:25 GMT
From: HSHK84D@prodigy.com (Philip Stockmal)
Subject: How Many FT-530 mods are there?

Hi,
I am wondering how many mods are known that are for the Yaesu FT-530 HT.
I own one and I would like to do some of these mods on my HT. If you know
of any, no matter how old the mod is please send it to me at my E-Mail
address.
Thanks in advance...

Phil Stockmal, N1TMG
HSHK84D@PRODIGY.COM
President: 21 & Under DXing & CONTESTing Club

Date: Sat, 21 Oct 95 22:14:53 GMT
From: sdavid@terraport.net (Shivantha David)
Subject: Info Needed on VE3YRC

I am looking for any information on the York Region Amateur Radio Club.
Any info on club contacts and meetings will be appreciated.

Thanks in Advance,
Shiv.

```
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Date: 24 Oct 95 02:55:49 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--VAA07016.814503349/ooz.backbone.uoknor.edu

The original message was received at Mon, 23 Oct 1995 21:55:48 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--VAA07016.814503349/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id VAA07014 for
<arees@ELECT1.CHEM.uoknor.edu>; Mon, 23 Oct 1995 21:55:48 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id VAA00380 for
<arees@elect4.uoknor.edu>; Mon, 23 Oct 1995 21:55:00 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSMT365IO004PWU@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 21:59:25 -0500 (CDT)
Date: Mon, 23 Oct 1995 21:59:25 -0500 (CDT)
Subject: Ham-Equip Digest V95 #539
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSMT38TYQ004PWU@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSMSVSDM80047JF@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 21:59:15 -0500 (CDT)
Received: by mail.ucsd.edu; id MAA23574 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 12:31:04 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id MAA23543 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 12:31:01 -0700 for ham-equip-ddist
```

Date: Mon, 23 Oct 1995 12:30:59 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #539
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510231931.MAA23543@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 539

Today's Topics:
** This Group Is Not For Sales or Purchases **
6146b neutralization---what does it do?
80m handies info
an HT from Hong Kong?
Dead Tubes? ? ??
Dentron Super Tuner
fixing swan 250c
FS: Icom P4AT 440 pocket size
Help: Mod 440Mhz to Australian CB Possible?
help with TINY-2
IC-706 VHF Mod
Jimmie "The Tube Man" Hawkins - What to do in this situation?
Kenwood TS-820
Military Communications Standards
Need help with ignition noise problem...
New MFJ 6 Meter SSB Rig
Opinions wanted: new newsgroup .forsale
POLARAD ESH-3
Radio Direction Finding gear.
Want: Service manual for TM-2570A
Want manual for AN/USM 117C OSCOPE
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 10:48:59 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: ** This Group Is Not For Sales or Purchases **

Hello,

As a new person to Internet, what I've learned here is.....

1.) The FAQ is too long and complicated to read, so it's ok to ignore it and do what ever you like.

2.) The correct way to applogize for being insulting is with another insult and a touch of superiority and more name calling mixed in.

3.) If I'm doing something wrong, and someone else corrects me in an inappropriate manner, my response should be it to continue doing the wrong thing on purpose to "teach my rival or subordinate a lesson" without regard for my own ill-behavior. The ability to show someone else "I don't have to listen to my underlings" would supersede maturity in this situation, and excuse any poor behavior on my part.

4.) The people that cause or create all problems are from AOL or other easy access services. Without them, none of this would occur.

5.) This group is really not for sales or purchases.

Do I have it all correct?

73 Tom

Date: 22 Oct 1995 00:57:35 GMT
From: Floyd Sense <sentek@nando.net>
Subject: 6146b neutralization---what does it do?

The purpose of neutralization of any rf amplifier stage is to balance out effects of the grid-plate capacitance coupling in the amplifier. One of the effects of an un neutralized amplifier is the possibility of the stage breaking into oscillation. I suggest that you follow the neutralization procedure described in the transmitter manual. It's not a difficult thing to do.

Date: 23 Oct 95 09:52:51 GMT
From: aaguirr@aleph.FI.uba.AR (Anibal Aguirre)
Subject: 80m handies info

hi: i`need information about 80m or 80m and 40m handies (xtal or synth).
i`m not crazy.
i`need a dealer address or a factory address about this ht.
plase replay me by e-mail, because n`t have usenet accsess.
thanks for your time.
anibal aguirre. aaguirr@aleph.fi.uba.ar
LU4DVJ

Date: 23 Oct 1995 15:02:54 GMT
From: bobw@col.hp.com (Bob Witte)
Subject: an HT from Hong Kong?

David Cripps (d-cripps@dircon.co.uk) wrote:

: One thing's for sure - you will have a fantastic choice of radios! I felt guiddy
: every time I went shopping.

<snip>

: There are stories abound of people getting ripped off (especially in electrical shops),
: if it's anything to go by I didn't buy anything while I was there - the fantastic cheap
: bargins everybody hears about arn't there. The prices seem to be the same as
: in the UK (eg the newish Sony SW-100 was about 240 sterling).

: Save your self a LOT of hassle and buy local - and start up a friendship with the local
: ham store owner - much better in the long term.

After watching the discussion on this topic, my thoughts condense down
to this advice:
Enjoy the shopping experience (the variety of radios, old and new mixed
in with walkmans and electric razors) but buy very selectively (the
occasional good deal might show up but don't plan on a major radio
shopping trip).

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

Date: 22 Oct 1995 00:45:12 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Dead Tubes? ? ??

Agreed. Don't remember what kind of rig was mentioned, but, if it's a
Heath kit, chances are about 100 percent that what you say is true.

Date: 23 Oct 95 12:54:57 GMT
From: rogers@eng15.rochny.USpra.abb.COM (Bill_Rogers)
Subject: Dentron Super Tuner

Hi All:

Perhaps someone familiar with the Dentron Super Tuner could answer a few questions for me. I just found one for sale at a reasonable price but the owner could not answer my questions. Does anyone know the ratings? Does is have a roller inductor? What does the tuning circuit look like, i.e. transmatch... Has anyone modified one to 160m?

Thank you,
Bill KA2CKI

Date: Mon, 23 Oct 1995 01:21:19 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: fixing swan 250c

In article <46dknq$b08@felix.teclink.net> "Mark J. Acierno" <acierno@teclink.net> writes:
>I bought a swan 250c about a year ago fram a ham in TX that swore that
>the unit worked "the last time I turned it on" wellllll it got here and
>didn't work. Being a student I didn't have the money to fix it (and
>really, I still dont) Is it worth fixing or should I be looking at a new
>mfj 6 m rig?? and who would I even contact about fixing it ?□are there
>people that fix these older units at a reasonable cost - I still have
>education bills to pay!□□

"Didn't work" isn't very descriptive. What are the symptoms? These
rigs are pretty simple. You can certainly fix most problems yourself.
I wouldn't give up on it unless it had something like a fried power
transformer or some other part that's impossible to get from a now
defunct manufacturer.

This *is* amateur radio. You really should try to do more than
turn the knobs on the front. Fixing old rigs is a good introduction
to the workings of radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Oct 1995 07:18:41 -0400
From: rbryanj@aol.com (RBryanJ)
Subject: FS: Icom P4AT 440 pocket size

Hi Bryan here,

I have a mint P4AT, 100 channel with PL, DTMF, Scan, etc. Unit is a spare
used very little around the house. Includes softcase, original box and
manuals and wall charger.

Asking $220.00 shipped 48 states

Date: 23 Oct 1995 07:25:48 GMT
From: Chris Arai <arai@rahul.net>
Subject: Help: Mod 440Mhz to Australian CB Possible?

I would like to know if it is possible to modify a 440Mhz hand held to
work well on the Australian CB band. I believe it is about 470 Mhz, but
I'm not sure. If anyone knows the answer to that question as well I
would appreciate it.

Thanks

Chris

arai@rahul.net

--
Chris Arai <arai@rahul.net>

Date: Mon, 23 Oct 1995 01:14:33 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: help with TINY-2

In article <Pine.A32.3.91.951022003840.34003B-100000@academ03.mty.itesm.mx> XE2MXU/N5UHB
<fjorozco@academ03.mty.itesm.mx> writes:
>
>Hi all, here's another 'help-me!!' message:
>
>This time it's about a TINY-2 TNC. The thing connects and accepts
>connections and everything else, BUT, the damn thing doesn't print
>anything on my screen. I can go a ^C, and then 'c xe2xxx', and I will
>the the packets being exchanged, and the 'connect' LED will light up, but
>absolutely nothing shows on the screen. I've tried using procomm,
>Windows Terminal, and a few other dumb terminal programs with no luck.
>(Oh, I also tried XPCOM but couen't get it to acknowledge the tnc)
>
>Any ideas on this one?

Well you've probably got a flow control problem, though broken
hardware is also a possibility. You know you can send to the TNC,
and it behaves as expected in response to commands. Now have you
rechecked your serial cable wiring? The simplest thing when you
suspect flow control problems is to use a 3-wire connection,
gnd, TxD, and RxD only. The Tiny 2 is happy with this, but your
computer software has to be setup to ignore flow control. Procomm
lets you do that, and I expect the others do too.

If your computer has a DE-9 connector for serial use, just wire
pins 2,3,5 of the computer to pins 2,3,5 on the TNC. It should
talk if you've disabled flow control in your computer software.
When you power up the TNC, you should see the sign on banner
printed on your screen.

If your computer has a DB-25 serial connector, then you need
to wire it differently. Wire pin 7 of the computer connector
to pin 5 on the TNC. Pin 2 on the computer to pin 3 on the
TNC. And pin 3 on the computer to pin 2 on the TNC. Note that
pins 2 and 3 are reversed. Again, with flow control disabled
in your software, you should see the sign on banner print on
your screen when you power up the TNC.

If you don't see the sign on banner, then you probably have
a hardware fault. It could be the serial port on the computer,
have you tried that with some other serial device like a telephone
modem? Or it could be a problem in the Tiny 2. You'll have to
get out the test equipment and track that down.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 22 Oct 1995 15:26:10 GMT
From: "Stephen C. Gross" <sgross@enet.net>
Subject: IC-706 VHF Mod

I need the mod to allow out of band transmit on VHF for the IC-706.
I have already done the HF mod.

-steve

Stephen C. Gross
Pilot B737
America West Airlines

Date: Sat, 21 Oct 1995 23:52:35 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: Jimmie "The Tube Man" Hawkins - What to do in this situation?

In article <465r1u$3k3@newsbf02.news.aol.com>,
grauzer@aol.com (Grauzer) wrote:
>In an effort to save some money, I bought EL34 output tubes from Jimmie
>Hawkins, usually a seller of ham radio tubes at Southern California swap
>meets. I received the tubes mail order, having been told they were new.
>The tubes were blackened at the tops, clearly had been used, and when I
>called him, I was told that they are new, but I should try them, and if I
>don't like them, to return them and I'd get my money back. I tried them,
>blew fuses in my amp, and sent them back. He told me I had blackened the
>tubes, he could no longer sell them and sent them back to me. Have any
>others had problems with this guy? Perhaps at this point, the most I can
>do is tell others to be wary when dealing with him, so that someone else
>doesn't also get screwed.
>Dave

Not trying to defend 'ol Jimmie, but "blackened" is normal for nearly all
receiving tubes. Not always at the top, but always there somewhere. As part
of the manufacturing process, they induce a high current pulse into a part

inside the tube known as a "getter", and it flashes and burns up any stray gas, thereby increasing the vacuum. The black stuff is the vaporized getter.

If a tube loses it's vacuum, the black part will turn gray -- a sure sign of a bad tube. If that's what you have then yes, they're no good.

73, Bill W7LZP
wrt@eskimo.com

Date: 22 Oct 1995 01:03:54 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Kenwood TS-820

The price is good. Wonder if it's a TS-820S with the digital readout? The digital readout circuit board was troublesome with poor solder connections and often requires some work to make the display function. You might want to contact Internation Radio in Port St. Lucie, Florida. They used to publish a Kenwood Users newsletter and used to sell a collection of the newsletter articles that dealt with the TS-820 specifically. There were a lot of shortcomings with the rig, but the suggestions in the newletters go a long way towards making it a very good rig. There was also an article or two in CQ or QST in the early eighties. One of them dealt with adding the WARC bands to the rig. Not for the feint of heart, but I was able to do the mod and it worked very well. International Radio also used to sell good SSB and CW filters for the rig. They also repair Kenwood gear. 73, K8AC in North Carolina

---

Date: 23 Oct 1995 04:05:44 -0400
From: screa@aol.com (Screa)
Subject: Military Communications Standards

I think mil spec 810 has to do with shock/vibration tests. Which does not mean that the radio is type accepted for anything but ham use.
KB6VTU.

Date: Sun, 22 Oct 1995 05:39:04 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Need help with ignition noise problem...

In article <xBLFQPE.mlazaroff@delphi.com> mlazaroff@delphi.com writes:
>I've done the following so far:
>
>new resistor plugs and cables
>coaxial feed-thru caps on the ignition leads and alternator
>bonding straps on the engine, hood, trunk, exhaust system,
> doors, fenders, and bumpers

Have you replaced the distributor *cap*. Often, carbon tracking
in the cap is the source of ignition noise. (Of course this could
be one of those engines with no distributor, but it's worth a shot.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 19 Oct 1995 18:26:24 GMT
From: andy@clark.net (andy)
Subject: New MFJ 6 Meter SSB Rig

James W. KELLEY (jwkelley@e4e.oac.uci.edu) wrote:
: The latest QST has an MFJ ad for a 6 meter (50-50.3MHz) SSB 10 watt radio
: for $259 with a mic. Does anybody know about this one yet?

Well, we do now. After reading previous posts on this subject, it appears
that MFJ may not be quite ready to ship the units. But that's ok;
pre-production advertising is really not that uncommon, providing the
consumer is advised accordingly.

I think these little cheapie SSB/CW rigs are a great idea for the QRP
fans. However, I am a bit surprised at their choice of bands. After having
produced a 20 meter version, I would have guessed that a 10 or 15 meter
unit would be next on the list, given that there may be a bit more
activity on these bands.

andy

Date: Mon, 23 Oct 1995 16:29:09 GMT
From: k2ph@dxis.monroe.pa.us (Bob Schreibmaier)
Subject: Opinions wanted: new newsgroup .forsale

Date: 23 Oct 1995 08:01:22 -0400
From: radiomatt@aol.com (Radiomatt)
Subject: POLARAD ESH-3

Anybody know someone who has one?

Date: 23 Oct 1995 04:01:30 -0400
From: k5qq@aol.com (K5QQ)
Subject: Radio Direction Finding gear.

The Albuquerque T-Hunters were thinking the same thing about the two
articles. Quite a few of us have dopplers and when we looked at the

circuit boards and the "stuff" in the boxes, it did not appear to be any cheaper to build than a kit doppler.

Seemed like the two designs were very creative, but when you read the process to understand if the signal was "behind" you and the way you would have to turn around etc, it seems it's not very operationally effective.

I have one of the AB5CK dopplers and it works very good. No problem at any time determining where the signal appears to be coming from. I use four of the Hustler small 1/4 mag mounts and at $17, they are great. The PIN diode and the resistor mount in the base and so I don't even have a switching box on the roof.

I have both of the DF'er used in the articles and have played with them extensively, including the approach of putting them on a rotating mast and turning the mast to the signal null. In a real world environment, the multipath is the biggest issue and to be able to look at a display and realize that is what you are seeing and to determine when it seems you have a direct signal is of utmost importance.

The bottom line is that both work very well for the end point sniff, primarily because they continue to work right up to a transmitter. The The beam and attenuator technique suffer from the signal getting into the radio when you are close.

I don't want to criticize those who are energetic and build stuff, primarily cause I do a lot of fiddling myself, but I'm too lazy to write it up!! However, I think it is incorrect to say these two designs are cheaper than a doppler. However, if their only experience in the costs of a doppler are from looking at the costs of factory assembled units, then I understand the issue.

Adios all
Jim K5QQ

Date: Sat, 21 Oct 95 14:27:19 GMT
From: nadzam@garlic.com (Bill Nadzam)
Subject: Want: Service manual for TM-2570A

Subject says it all, I need a service manual for the Kenwood 2 meter radio "TM-2570A". If you have one, even a copy I'll buy it.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

Date: 22 Oct 1995 00:25:44 GMT
From: gcouger@jsun.agen.okstate.edu (Gordon Couger)
Subject: Want manual for AN/USM 117C OSCOPE

I have a couple of these scopes and need the manual to fix one of them.

Thanks
Gordon
AB5DG

Gordon Couger - Biosystems & Ag Engineering Oklhoma State Univ.
114 Ag Hall, Stillwater, OK 74078
Home 624 Cheyenne, Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405-624-2855 evenings 405 744 8392 work
I do not speak for my employer

Date: Sun, 22 Oct 1995 00:01:23 GMT
From: d90thoah@ida.liu.se (Thomas Ahlblom)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Hello!
I would like to how much a Kenwood HF rig costs in the US.

Can you give me a clue? Its not necessary to tell me where to get the
cheapest rig - I just want to know the approximate price.

I'm interested in the following rigs:
Kenwood TS-450AT, TS-850AT and TS-870.

Tnx in advance & 73

de Thomas / SM5VOH

Internet: d90thoah@und.ida.liu.se
AX25: SM5VOH@SK5AS.E.SWE.EU

Date: (null)
From: (null)

I think you hit the nail on the head. I suspect the big problem is
that newcomers don't know about rec.radio.swap. It's not even in the
same hierarchy as the amateur radio groups. Newbies come in, see the
rec.radio.amateur hierarchy, see no forsale group, but see an equipment
group and think this must be the place. It's an easy mistake to make.

Yes, if they read the Guide to the Personal Radio Newsgroups they
wouldn't make the mistake. The Guide has lots of very useful info.
Unfortunately, the Guide is some 200+ lines in length. I wonder how
many people actually read it. Probably not many.

I would support a rec.radio.amateur.forsale newsgroup. I think this
would be far more intuitive for newcomers to figure out. Perhaps a
short, weekly "charter of the newsgroups" message would be useful as
well -- provided the author signs his/her/its name. 8^{)

73,
Bob K2PH

--
+------------------ \-\-\-\ ----------------------------+
Bob Schreibmaier K2PH	E-MAIL: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

End of Ham-Equip Digest V95 #539
****

--VAA07016.814503349/ooz.backbone.uoknor.edu--

Date: 24 Oct 95 03:46:10 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--WAA07851.814506370/ooz.backbone.uoknor.edu

The original message was received at Mon, 23 Oct 1995 22:46:09 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--WAA07851.814506370/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id WAA07849 for
<arees@ELECT1.CHEM.uoknor.edu>; Mon, 23 Oct 1995 22:46:09 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id WAA00415 for
<arees@elect4.uoknor.edu>; Mon, 23 Oct 1995 22:45:21 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSOKKCKUO004LL4@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 22:49:49 -0500 (CDT)
Date: Mon, 23 Oct 1995 22:49:49 -0500 (CDT)
Subject: Ham-Equip Digest V95 #540
To: arees@ELECT4.CHEM.uoknor.edu

Message-id: <01HWSOKKEGDE004LL4@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSOKAE3RK004GG7@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 22:49:36 -0500 (CDT)
Received: by mail.ucsd.edu; id TAA10270 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 19:15:20 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id TAA10196 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 19:15:15 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 19:15:09 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #540
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240215.TAA10196@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 540

Today's Topics:
(no subject)
** This Group Is Not For Sales or Purchases **
an HT from Hong Kong? (2 msgs)
Dead Tubes? ? ??
FREQUENCIES ????
FT-11R Sub-audible tone NOT!
Ft530 Mods?!!
Ham Swap Meets in Denver Area
Heathkit DX35 tranciever; Antique wind-up Morse code training thing
help plastic power connectors
HELP PLEASE! - Old RCA Senior Volt-Ohmist
IC-706 HF Rig Features
Need help with ignition noise problem...
Need some info on Kenwood SP940 speaker
Opinions wanted: new newsgroup .forsale
Radio Direction Finding gear.
unsubscribe
Wanted:HP 8555
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

WWW Pentone

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 Oct 1995 15:15:31 GMT
From: nelson@fdt.net
Subject: (no subject)

I have a Phillips AM-FM Deluxe radio with five short wave bands. It is
about twenty years old and has developed a whooshing noise on all bands
all the time. I live in Gainesville Fl. I don't think there is a radio
repair store in town. Can old radios still be repaired? or do I have to
junk it?

Date: 23 Oct 1995 18:01:45 GMT
From: bobw@col.hp.com (Bob Witte)
Subject: ** This Group Is Not For Sales or Purchases **

W8JI Tom (w8jitom@aol.com) wrote:
: Hello,

: As a new person to Internet, what I've learned here is.....

<snip>

: 5.) This group is really not for sales or purchases.

: Do I have it all correct?

You got the most important one correct. If we could all get
THAT one straight, it would be a great start.

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

Date: 21 Oct 1995 17:09:22 -0700
From: ad7k@bighorn.accessnv.com (Squeak Porray)
Subject: an HT from Hong Kong?

If you want my name just ask. (timhynde@ix.netcom.com) wrote:

: >to Hong Kong soon and am interested in shopping for an HT. What can
: you

: >advise me about:

: I'd save myselft the trouble and buy from a stateside distributor,

Comments from a "Stateside distributor", who has had experience both ways ...

If you buy a radio from someone you never saw before, and never expect to see again, all he is going to be interested in is getting your money out of your wallet and you on your way.

If you buy from a local (or regional) dealer, you are buying from someone who wants to see YOU happy, since he hopes that you will come back again and again, for all those accessories, mobile radios, antennas and the like that we hams always need to add to our collection.

If you bring in an oversees "Yaekenicostanco" radio, you will have NO US warranty - the American distributors warrant only those radios that they import, and quite possibly might not service them - they are completely within their rights to do so. There very well may be (as has been in the past) board or component differences between various versions of the radio destined for different countries, thus compounding the situation. (Some manufacturers have had up to five different versions of the same radio - with each version destined for a different market area, with different regulations.)

If you buy the radio from a local (or regional) dealer, you have someone you can go to with questions and problems ... but long-distance calls to Hong Kong to get answers to a question get expensive - to say nothing of "how do you ask someone how to program odd splits for repeaters into your new handy - when he is only really fluent, technically, in Chinese?"

I doubt that you will find any significant price differentials in buying in Hong Kong ... that was true years ago (I was there during the VietNam era), but not now, with the global economy/distribution situation now in existance. However, you can find real bargains in Hong Kong on things that are local-labor-intensive (like tailored suits for example).

Enjoy your trip ... take the tram to the top of Victoria Peak and let me know if the view is still as grand as it was on Christmas Day of 1972 ... and good luck to you!

Very 73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

ps: I hope you don't think I am touting just our company ... in the above, I speak for the Amateur Radio community in general, and I think that it speaks for all domestic Amateur Radio Dealers as well.

Date: Mon, 23 Oct 1995 18:50:11 GMT
From: rafaels@zimmer.CSUFresno.EDU (Rafael Solis)
Subject: an HT from Hong Kong?

In article <46b7s9$lmj@ixnews5.ix.netcom.com> timhynde@ix.netcom.com (If you want my name just ask.) writes:
>
>>to Hong Kong soon and am interested in shopping for an HT. What can
>you
>>advise me about:
>
>
>I'd save myselft the trouble and buy from a stateside distributor, I've
>heard of guys buying overseas HF gear with features or bands not avail.
>in U.S but I've never heard of any great bargains. What you save by
>shopping Hong Kong may cost you quickly if you have a problem or need
>an accessory for the radio.
>
>I have a Kenwood Dual band HT and like it alot.
>
>73, Tim ka8ddz

I agree with Tim. I've been to HK several times on business trips and it is not worth the hassling of dealing with the salesmen over there (prices are not fixed and you have to deal, yes as in bargaining!). Also there is the problem of the warranty. I don't think any of the major brands (K,I,Y) honor warranties of any equipment bought overseas. What I have bought though are accessories. Bring your AES catalog to check the price differences. Some things are cheaper there but others are around the same or even higher depending on the store. Another suggestion is to get away from the Nathan Rd. stores, those are usually overpriced.

Have fun in HK.

Rafael (KE6JSR)

Date: Sun, 22 Oct 1995 16:05:05 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Dead Tubes? ? ??

In article <46bhjh$b3m@ixnews7.ix.netcom.com> scibelli@ix.netcom.com (Christopher Scibelli) writes:
>>On 18 Oct 1995 18:13:19 GMT, Floyd Sense <sentek@nando.net> wrote:
>
>>>Check the output power on 10 meters. If it's not up to spec there but is
>>>on the lower bands, you may need new finals. If you don't have a
>>>reliable watt meter, use a 100 watt light bulb as a dummy load and fire
>>>it up on 10 meters. If it appears to be fully bright, you're probably
>>>OK. 6146Bs tend to last a long, long time if not abused.
>

>Does this work for transistor rigs as well? My IC735 is now only
>putting out half power on 10, 3/4 power on 12 and full power on the
>other bands.

You need new 6146s in your IC735! :-)

Transistor finals generally don't "go soft" the way tubes do, so
this test isn't very useful for transistor rigs. Your symptom
could be the result of reduced PA gain, due to an internal
emitter ballast resistor failure, but it's probably another
cause. You might check the bandpass filter switching in the rig
for the two highest bands. And you might want to look at the
drive level from the low power stages. A hint to where the
trouble may lie would be whether this condition appeared
suddenly or had a gradual onset.

There may also be no problem with the rig at all. It may be doing
power foldback due to VSWR on the two highest bands. Are you testing
into a known good dummy load? No tune rigs won't work well at all
using a lightbulb for a dummy load. It's not even close to their
design output impedance. Lightbulbs work fine as crude loads on
the older rigs with tune and load controls, but not on the no tune
rigs. They have to see the right impedance, or they'll foldback
power.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Oct 95 19:19:06 GMT
From: walter@idirect.com (SLEDDER)
Subject: FREQUENCIES ????

Can somone give me a list with the bands and their corresponding
frequencies.

PLEASE & THANK YOU

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo---
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***

THINK SNOW ! ! !
=A9 Copyright 1995

Date: 23 Oct 1995 19:26:00 GMT
From: ydtlzmj@news.atglab.bls.combst.bls.com (Victor Gregg)
Subject: FT-11R Sub-audible tone NOT!

I have a friend here in Atlanta who has a FT-11R that
you can hear the CTCSS (should be sub audible) tone.

On very good repeaters, the tone noise is quite loud,
and at best annoying.

I have a FT-51R which does not have this problem.

Are there other Yaesu FT-?1R users with similar experiences?

Is there any adjustment my friend might make on his FT-11R?

Thanks,

Victor KF4BUX Gregg

Date: 21 Oct 1995 16:45:09 -0700
From: ad7k@bighorn.accessnv.com (Squeak Porray)
Subject: Ft530 Mods?!!

rossr (rossr@tcs.com) wrote:
: Hi, I recently bought an FT530, I also modified it for extended rxcv,
: however, the 900 mhz band does not rxcv as it does on a friend's
: FT530. --==> snip

This is as it should be ... Congress passed a law several years ago that
made it illegal to manufacture (if domestic) or import (if from overseas)
any receiver that receives, or can be modified to receive, cellular
telephone conversations ... following up on the Electronic Privacy Act,
which makes it illegal to actually receive cellular telephone
conversations themselves. This prohibition went into effect in April of
1994 ... stocks on hand could be sold off, but nothing
imported/manufactured after that date could be sold. There is no
modification possible on these receivers, since the law was very specific
in making sure that modification was impossible. If 800 MHz receive is
important to you, your only hope is to find a radio made or imported
before April of 1994 (i.e., pre-Lot 20 for an FT530), and hope you want
it more than its current owner ($$$$$)!

73 and good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

Date: 23 Oct 1995 20:48:00 GMT
From: jmoody@denadm.ms.ch2m.com (Joe Moody)
Subject: Ham Swap Meets in Denver Area

I would like to find an upcoming ham radio swap meet in the Denver area.
I also need to find someone to repair a Drake TR-7.

Please E-mail me, as I do not always read this newsgroup.

Thanks in advance for you help,
-
Joe Moody
(jmoody@denadm.ms.ch2m.com)

Date: Mon, 23 Oct 1995 19:23:33 GMT
From: al564@FreeNet.Carleton.CA (John Rakos)
Subject: Heathkit DX35 tranciever; Antique wind-up Morse code training thing

Thesed items are for sale for $50 each.

The DX35 has Q-mult and antenna
multiplier with
it. This transciever has crystals that you plug intothe back; comes with
lots of crystals. I do not know enough about trancievers to see if it
works - the tubes light up.

The morse code trainer comes with the paper tapes with holes...some new
tapes with no holes!

--
John J. Rakos & Associates Consultants Ltd.
Project Management Consultants, 14 Palsen St., Ottawa, ON, Canada
Phone or Fax: (613) 727-1626

Date: 23 Oct 1995 21:12:17 GMT
From: w2gma@ix.netcom.com (MELVIN TOREN)
Subject: help plastic power connectors

Hi and thanks for reading this. I am looking for a source of the
plastic two pin connectors that most of the manufactures are using for
power cables on their vhf and uhf radios. I have an old radio that i
had jones plugs on that i would like to change to the newer design but
have been unable to acquire the plugs. Any help greatly appreciated.

Thanks,

mel, w2gma...

Date: 23 Oct 95 15:04:14 CDT
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Subject: HELP PLEASE! - Old RCA Senior Volt-Ohmist

I thought I might be able to restore the above after getting it in
a lot of test equip. at a Hamfest.

Since it had some corrosion on the bottom of the from panel I opened
it to find a corroded Alkaline 1.5v cell soldered in place. While
the battery bracket looked original the cell wasn't.

The unit is AC operated with one 12AU7, and two 6AL5 tubes.

I can't get it to calibrate high enough on the DC ranges. ie, at
a 1.48v source the best I can get the meter to read is about 1.3v.

Also while I can get a zero ohms with the probes shorted I can't get
infinity on the high end.

Any idea what type of battery should be in it?
Do you think new tubes would help?
Do you think the capacitors are so old they should be replaced?
Am I wasting my time on this thing?

Thanks for reading and your thoughts. Please reply by e-mail to:

dharper@kumc.wpo.ukans.edu

73's de N0USP,
Dick

Date: 23 Oct 95 17:30:32 GMT
From: aust@gandalf.sp.TRw.COM (Mike Aust)
Subject: IC-706 HF Rig Features

I ran the AT-50 with the Special cable which allows to run directly
off 12V, then manually switching to the desired band, I had the tuner
automatically tune for low VSWR with the IC-706. I think the AT-50 is a real
good tuner to be used with the New Icom IC-706 HF rig, but this tuner
does not cover 6 meters!!
73's
Mike
W6TR
In article <9510222046.AA20001@haldir>, aust@gandalf.sp.TRw.COM (Mike
Aust) wrote:
> It will overload , my TS-50 also did overload, i.e. 80 and 160 meters, but
> when I used the Kenwood AT50 Antenna Tuner with the Kenwood TS-50, it
was pretty
> good.

Mike-

I currently use the TS-50 with the AT-50 in my car. There are about 15
people ahead of me on the AES/Orlando waiting list for the IC-706, with a

shipment expected in about a week.

I wonder what is involved in using the AT-50 with the Icom? I would think you might at least need a special cable.

I agree with your comment about the TS-50's SSB filter. I plan to get the narrow SSB filter for the Icom's narrow filter position, with intent of possibly installing it in place of the existing filter. If this works out, I would then get a CW filter to go in the narrow position. Does this sound feasible?

73, Fred, K4DII

Date: Sat, 21 Oct 95 23:50:52 -0500
From: mlazaroff@delphi.com
Subject: Need help with ignition noise problem...

I have a 1988 Chrysler LeBaron with the 2.2L
turbocharged 4-cyl engine.
I've been unsuccessful in ridding it of ignition noise
in my HF mobile setup (FT900 with screwdriver antenna).
Even the AM broadcast radio suffers from the noise.
It does appear to be ignition noise, as it is the classic
"popping" and "hash" that varies with engine speed.
There is no alternator whine. The noise is not present
when the antenna is disconnected (i.e., it's being picked
up by the antenna and not coming in thru the power leads).
The rig's power cable is wired directly to the battery with
heavy, high-quality wire.

I've done the following so far:

new resistor plugs and cables
coaxial feed-thru caps on the ignition leads and alternator
bonding straps on the engine, hood, trunk, exhaust system,
doors, fenders, and bumpers

Starting the engine increases my noise level from S0/S1
to S4/S5. It's worst on 10, 15, and 20. There seems to be
little problem on 75 and 40; the rig's noise blanker eliminates
the noise there but is only partially effective on the higher
bands. With the noise blanker off, the noise is S7 and makes
mobile operation effectively impossible.

Out of the several cars I've operated mobile from, this is the
first one (and hopefully the last!) that has defied my efforts
to
"quiet it down". Anyone out there have any ideas/suggestions
other than the obvious "get rid of it and buy another car" :)?

73, Mike KB3RG

Date: Mon, 23 Oct 1995 18:58:31 GMT
From: dgf@netcom.com (David Feldman)
Subject: Need some info on Kenwood SP940 speaker

I picked up one of these w/o docs. Would someone care to send me the specs
or a copy (by fax maybe?) or please let me know by e-mail the specs around the
HIGH1, HIGH2 and LOW controls and the "line out" connector on the rear?

Thanks,

73 Dave WB0GAZ dgf@netcom.com

Date: Mon, 23 Oct 1995 22:20:27 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Opinions wanted: new newsgroup .forsale

Dan Brown (danb@a.crl.com) wrote:
: jlowman@netcom.com (Jim Lowman) wrote:

: >1) While rec.radio.swap is the correct place for such ads, it is not
: >specific to amateur radio equipment.

: From other discussions I've seen, this was intentional--amateurs use
: lots of non-ham equipment (Motorola UHF and VHF business-band radios,
: for instance). Most of the stuff I've seen in r.r.swap would be
: appropriate in a group in the .amateur hierarchy, either because (1)
: it is ham gear, (2) it can be modified to work in ham bands, or (3) it
: would be used in connection with ham gear.

What I would propose is that any amateur or related gear - anything that
facilitates the operation or maintenance of an amateur radio station - would
be "on topic." This could include, but not be limited to, test equipment,
replacement parts, commercial gear that could be converted to operate on the
authorized amateur frequencies - you get the idea.

: .swap, .marketplace, and .wanted are about as common as .forsale.
: Construed strictly, .forsale neglects "wanted" posts (and vice versa).
: For accuracy's sake, .marketplace seems like the best choice, but I
: think any of the four is about equally descriptive.

OK, I am not hung up on the actual name; whatever everyone feels is right, is
fine with me.

: >3) Hopefully, we could guide individuals and commercial advertisers to this
: >new newsgroup, thus restoring rec.radio.amateur.equipment to its intended
: >purpose.

: The same is true of rec.radio.swap.

: >For the record, I don't think posting of ads is going to stop, even with the
: >flaming that is going on, unless there is a channel for advertisers to use.

: There is such a channel, though.

: The only real advantage I can see to rec.radio.amateur.{swap |
: marketplace | forsale} is that it would put a group with the other
: amateur groups, while the r.r.swap is detached a bit in the
: alphabetical list. When I saw the list of rec.radio.amateur groups, I
: went looking for a for-sale group, but apparently others don't bother.
: I tend to doubt they'd bother anyway, but I'm rather cynical that way.

When I first subscribed to the desired groups in rec.radio.amateur*, I looked for a .forsale or similar group. It was not until I noticed some retailer being flamed *on the newsgroup* for posting an ad, that I became aware of the .swap newsgroup. The considerate/experienced net user would probably look for, and find, a .forsale group if it were in the same hierarchy. The clueless will remain so, no matter what we do. Even if this proposed new group does not come to pass, I would hope that we could agree to stop flaming the advertisers on the newsgroup itself. I would hate to put all the net cops in a killfile, because they might just have something worthwhile to say down the road.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: Mon, 23 Oct 1995 13:44:20 -0500
From: mmusick@talx.com (Mike Musick)
Subject: Radio Direction Finding gear.

> In the November issuse of QST and 73 magazines are a couple of very
> interesting RDF (Radio Direction Finding) projects. The projects are
> entitled "The Four-Way DFer" and "Poor Man's Doppler".

You were being kind, Tom. The "Poor Man's Doppler" is aptly named, because not only do you have a big construction project, it's built around the Ramsey DF kit which will set you back $70 before you even start. By the time all is done, you *will* be poor if you weren't before.

When I saw Malcomb present "The Four-Way DFer" at Dayton this year, I had to ask myself "Why bother?" Not to detract from his efforts, but in the end his dual TDOA is more complicated than a Roanoke and has less resolution to boot. Attempts to increase the resolution beyond the 8 compass points on the "4-Way" become immensely complicated, too, because the L-R and F-B proportioning is nonlinear and therefore has to be calculated or compensated.

Your kit version of the Roanoke is a better deal all around. I've got three foxhunting friends with 'em and they're almost as good as my modified Atlanta kit. ;-)

> It is fun to share one ham's comment: "Dopplers are LETHAL when it comes
> to tracking down trouble makers".

Fer sure!
...mm

==========
Mike Musick/N0QBF |
71301.3106@compuserve.com | [Insert usual disclaimers here.]
mmusick@talx.com |

Date: 23 Oct 95 21:50:05 GMT
From: am257@detroit.FReenet.ORG (Tim English)
Subject: unsubscribe

unsubscribe

Date: Tue, 17 Oct 1995 21:24:00 MST
From: mater@primenet.com (Eric Nelson)
Subject: Wanted:HP 8555

I am interested in purchasing a working HP 8555 RF plug in for the 141T based
HP spectrum analyzer. Please e-mail any info.

Thanks

Eric Nelson

Date: 23 Oct 95 19:22:14 GMT
From: walter@idirect.com (SLEDDER)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Try http://www.hamradio.com

Enjoy.!

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo----------
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
THINK SNOW ! ! !
=A9 Copyright 1995

Date: Mon, 23 Oct 95 17:06:04 GMT
From: Troll <Troll@nochet.demon.co.uk>
Subject: WWW Pentone

My mates run a company making radio modems and selcall modules;

WWW page is

http://www.io.com/~troll/pentone/index.html

--
Tom Zunder: Troll@nochet.demon.co.uk
http://www.io.com/user/troll/index.html
All views expressed are strictly my own.
May Argan Argar shield this mail

End of Ham-Equip Digest V95 #540
****

--WAA07851.814506370/ooz.backbone.uoknor.edu--

End of Ham-Equip Digest V95 #541
****

--AAA08222.814510920/ooz.backbone.uoknor.edu--

3430. ** Gary Anthony-WHERE ARE YOU ?? **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: Steve Share <71154.3434@CompuServe.COM>
Message-ID: <46jfh2$gp0$1@mhadg.production.compuserve.com>
Source record: 211035
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Gary Anthony, in Santa Clara CA:

No way to get in touch with you by phone or e-mail at
brasshat@AOL.com

>>> I need my R7000 TV adapter returned ASAP. <<<

PLEASE get in touch with me at this email address.

<To list readers--SORRY for the bandwidth!>

--

Steve Share
71154.3434@compuserve.com

3431. Old BC453 schema searching

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: diegom@em.parsec.it
Message-ID: <46hurj$2ciq@venere.inet.it>
Source record: 211036
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm searching (actually for my old pa'..., IN3EYU) the electric schema
of an old Rx used by U.S.Army in Europa during II W.War.
It is the BC453 made by Western Electric and ranging from 190 to 550
Khz.

Any news about it?

many thanks, in3myp

Diego Maniacco, IN3MYP
i-Link Packet Radio Group
Bolzano (Italy)
packet.radio: in3myp@iw3apo.bz.ita.eu
email: diegom@em.parsec.it

3432. Old BC453 schema searching

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: diegom@em.parsec.it
Message-ID: <46hvaj$2ciq@venere.inet.it>
Source record: 211037
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I'm searching (actually for my old pa'..., IN3EYU) the electric schema
of an old Rx used by U.S.Army in Europa during II W.War.
It is the BC453 made by Western Electric and ranging from 190 to 550
Khz.

Any news about it?

many thanks, in3myp

Diego Maniacco, IN3MYP
i-Link Packet Radio Group
Bolzano (Italy)
packet.radio: in3myp@iw3apo.bz.ita.eu
email: diegom@em.parsec.it

3433. Re: HELP: Magellan Meridian GPS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: kingtritan@aol.com
Message-ID: <46i548$neo@newsbf02.news.aol.com>
Source record: 211038
Cross-posted to: sci.geo.satellite-nav,rec.radio.amateur.misc,rec.radio.amateur.equipment

The Meridian XL GPS does have a computer interface, the cable is available from Magellan for approx. $80, or can be homebrewed.

3434. Returned mail: Local configuration error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: MAILER-DAEMON@uoknor.EDU
Message-ID: <199510240837.DAA09382@ooz.backbone.uoknor.edu>
Source record: 211039

```
This is a MIME-encapsulated message

--DAA09382.814523837/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 03:37:16 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--DAA09382.814523837/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id DAA09380 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 03:37:16 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id DAA00642 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 03:36:27 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSYQCYW0G003VHY@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 03:40:52 -0500 (CDT)
Date: Tue, 24 Oct 1995 03:40:51 -0500 (CDT)
Subject: Ham-Equip Digest V95 #543
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSYQD0HVM003VHY@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSYPZ12TC004QWK@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 03:40:39 -0500 (CDT)
Received: by mail.ucsd.edu; id XAA24233 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 23:26:34 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id XAA24219 sendmail 8.6.12/UCSD-2.2-sun Mon,
```

23 Oct 1995 23:26:32 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 23:26:29 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #543
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240626.XAA24219@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 543

Today's Topics:
** This Group Is Not For Sales or Purchases **
Returned mail: Local configuration error
SB 220 hook up
W2a audio going down (was: HELP - Icom ICW2A Speaker Connection)
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 23 Oct 1995 23:35:07 +0100
From: anon-remailer@utopia.hacktic.nl (Anonymous)
Subject: ** This Group Is Not For Sales or Purchases **

mjjohn5@lookout.mtt.it.uswc.uswest.com (Mark Johnson) wrote:

>If they do not know about the rules, then maybe we should treat them
>like we would a new ham. Give them some polite information and help,
>but not jump down their throats.

No one suggested otherwise.

>If the FAQ is posted on a monthly or weekly basis then there is also
>no need to send a shouting post not to post FS here.

If the FAQ was enough, FS and WTB wouldn't be here.

>That is just as annoying and very insulting to most of the fine users
>on this group.

I'm flattered.

>And talk about going outside the newsgroup's guidelines? Well, aren't
>we doing that now?

Its appropriate to discuss use of the group. How else would you reach
the people using it?

>But we don't have to kill those who stray from the word of the
>FAQ either.

No one suggested that.

>Gee Tom, I thought I was very restrained in my choice of words for
>our hiding friend. You should have heard what I would have liked
>to say. In fact I kept it to any language that I could have used on
>the air, ...

But harsher than you would have the nerve to use or get away with
in person. Clean your own house before branding others.

>It is that he ruins the credibility of his argument by Flaming his
>message and hiding behind an anonymous server.

There were no flames besides yours.

>If you don't have the courage to stand behind your statement then you
>really just don't have a statement and you may actually harm a valid
>statement.

The earth is round. Dogs are mammals. Electricity is energy. See,
no harm done.

Lighten up Mark. The message is valid and the headers deter ads.

Date: 24 Oct 95 06:22:46 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--BAA08689.814515766/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 01:22:44 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--BAA08689.814515766/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id BAA08687 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 01:22:44 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id BAA00555 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 01:21:56 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSU1JPNLC004N6C@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 01:26:19 -0500 (CDT)
Date: Tue, 24 Oct 1995 01:26:18 -0500 (CDT)
Subject: Ham-Equip Digest V95 #542
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSU1JR9GI004N6C@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSU19KR0G0043TE@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 01:26:07 -0500 (CDT)
Received: by mail.ucsd.edu; id WAA12611 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 22:06:27 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id WAA12582 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 22:06:23 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 22:06:21 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #542
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240506.WAA12582@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 542

Today's Topics:
Another ICW2A Question
Apoligy to the Group

fixing swan 250c
IC-W31A Mods?
Opinions wanted: new newsgroup .forsale (2 msgs)
Returned mail: Local configuration error

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 21:31:54 GMT
From: pepperh@demo.bb.unisys.com (Hugh M. Pepper)
Subject: Another ICW2A Question

In article <SO-PATU.95Oct20101835@stekt14.oulu.fi>, so-patu@stekt14.oulu.fi (Timo Patana)
says:
>
>
>I have been trying to find a way how to disable receiving audio
>on W2 when transmitting an the other band. I have tried several
>ways how to do it, but without success so far. If somebody knows
>how to solve this, i'd like to hear from you.

Not to be simplistic here, but can't you just turn down the volume on the VFO
that you don't want to hear.. there are separate volume controls for
each VFO...

Hugh -

pepperh@demo.bb.unisys.com

Date: Mon, 23 Oct 1995 21:33:16 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Apoligy to the Group

Jay Maynard (jmaynard@admin5.hsc.uth.tmc.edu) wrote:

: It's not a problem for you at Netcom, but I can guarantee that continued
: forsale postings here _will_ make the group go away at many sites.

I have to admit, I was unaware of this problem until late in the discussion.

: During the reorganization that produced the current rec.radio.amateur.*
: groups, it was proposed that the .swap group be placed in the .amateur
: hierarchy. The consensus was that that was a Bad Idea both because hams swap
: equipment that isn't necessarily ham-specific, and because folks other than

: hams swap ham equipment. The group's placement where it is was both
: deliberate and the consensus view.

Well, even after a year, things change. I started another thread, offering
to propose the new group rec.radio.amateur.forsale, which I will check next.

BTW, I am not proposing that we dump the .swap group, only that we create a
new newsgroup that would be used for buying, selling and trading amateur
geam and related items, such as test equipment, tubes, etc. I am not saying
that this is the only answer, just that we should examine the situation as
it exists today.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: 22 Oct 1995 14:33:30 GMT
From: "Mark J. Acierno" <acierno@teclink.net>
Subject: fixing swan 250c

I bought a swan 250c about a year ago fram a ham in TX that swore that
the unit worked "the last time I turned it on" wellllll it got here and
didn't work. Being a student I didn't have the money to fix it (and
really, I still dont) Is it worth fixing or should I be looking at a new
mfj 6 m rig?? and who would I even contact about fixing it ?□are there
people that fix these older units at a reasonable cost - I still have
education bills to pay!□□

thanx
mark

Date: 23 Oct 1995 22:06:33 GMT
From: Mike Lubrecht <flowmole@accessone.com>
Subject: IC-W31A Mods?

I just bought a new Icom IC-W31A (my first ham radio on my new
technician-class ticket!) and am interested in finding out any
modifications to extend the receive range: particularly mods. that
just involve keypad inputs/system resets. I would also be interested
in hardware mods to increase the TX range, if they're not too difficult.

Either E-mail me (a preserve bandwidth) or post - I haven't seen much
info on the W-31A, so there may be others who are interested.

Thanks!
Mike

Date: Mon, 23 Oct 1995 22:29:16 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Opinions wanted: new newsgroup .forsale

Dale Chidester (chideste@xvnews.unconfigured.domain) wrote:

: Why do people have such a problem with using rec.radio.swap? Is it that they don't
: know it exists? rec.radio.swap is intended for radio sales of all types, CB,
: amateur, SWL, etc. Who needs another news group? Educate the users! FS and WTB
: belong in rec.radio.swap period, end sentence.

It probably is that they do not know that .swap exists, because it is
outside of the rec.radio.amateur.* hierarchy. I, for one, would prefer to
have a newsgroup that was dedicateed to sale/trade/purchase of *amateur*
equipment only. What is so wrong with creating a new newsgroup with a more
specific purpose?

Obviously, continuing to repeat the same dogma has not made the problem go
away. Maybe nothing will.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: Mon, 23 Oct 1995 15:40:39 GMT
From: mjjohn5@lookout.mtt.it.uswc.uswest.com (Mark Johnson)
Subject: Opinions wanted: new newsgroup .forsale

In article <jlowmanDGvoHu.IH8@netcom.com> jlowman@netcom.com (Jim Lowman) writes:

>
>1) While rec.radio.swap is the correct place for such ads, it is not
>specific to amateur radio equipment.

Sense this mess started I have been paying more attention to
rec.radio.swap. Most of the post do seem to relate to amateur radio
equipment or at least to equipment that could be used by hams.

>
>2) IMHO, the .forsale naming convention is widespread on the 'net, and is
>more descriptive than .swap.

I agree. The normal convention for such groups on the internet seems to
be forsale.

Also, as has been pointed out, rec.radio.swap does not follow the
rec.radio.amateur naming convention for newsgroups related to ham radio.
If someone is looking at a list of newsgroups. It does look like
rec.radio.amateur.equipment would be the place for fs posts.

>
>
If there is not a need for two such groups, maybe the rec.radio.swap
should be removed and rec.radio.amateur.forsale should take its place.

Thanks
73
Mark
WA0DCA

Date: 24 Oct 95 05:02:00 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--AAA08222.814510920/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 00:01:59 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--AAA08222.814510920/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id AAA08220 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 00:01:59 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id AAA00498 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 00:01:11 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSR7HW4K0004KN5@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 00:05:36 -0500 (CDT)
Date: Tue, 24 Oct 1995 00:05:35 -0500 (CDT)
Subject: Ham-Equip Digest V95 #541
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSR7HY02Q004KN5@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSR7936GG004WW0@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 00:05:24 -0500 (CDT)
Received: by mail.ucsd.edu; id UAA01776 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 20:52:08 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id UAA01760 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 20:52:06 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 20:52:04 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #541
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240352.UAA01760@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 541

Today's Topics:
** This Group Is Not For Sales or Purchases **
6146b neutralization---what does it do?
How Many FT-530 mods are there?
Info Needed on VE3YRC
Returned mail: Local configuration error (2 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 16:41:04 -0500
From: jmaynard@admin5.hsc.uth.tmc.edu (Jay Maynard)
Subject: ** This Group Is Not For Sales or Purchases **

In article <46gco2$a90@utopia.hacktic.nl>,
Anonymous <nowhere@bsu-cs.bsu.edu> wrote:
>This is one of the reasons anonymous remailers exist. No one would
>want this garbage in their mailbox.

The whole reason for those messages is your anonymity. If you were to post
under your own ID, you wouldn't have this problem.

I agree with the sentiments expressed, if not perhaps the language.

>The message is still the same. Ads belong on rec.radio.swap.

Yes, it is, but you are discrediting the message by your cowardice.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Next tine, Pinkus, let sleeping guard dogs lie...especially if they have
three heads!" -- The Brain, _Hercules Unwound_

Date: Mon, 23 Oct 1995 13:25:28 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: 6146b neutralization---what does it do?

In article <46b3tv$c1c@ncar.ucar.edu>,
tomas@ra.cgd.ucar.edu (Bob Tomas) wrote:
>What does neutralization of a pair of 6146b tubes do?
>
>bob

The main reason for neutralization is to prevent the tube(s) from oscillating.
An additional side benefit is that it makes the point of maximum power output
and minimum plate current the same. Otherwise, the tuning would be slightly
different for each. Neutralization is almost always required for
grounded-cathode amplifiers, and sometimes for grounded-grid too.

73, Bill W7LZP
wrt@eskimo.com

Date: 23 Oct 1995 21:11:25 GMT
From: HSHK84D@prodigy.com (Philip Stockmal)
Subject: How Many FT-530 mods are there?

Hi,
I am wondering how many mods are known that are for the Yaesu FT-530 HT.
I own one and I would like to do some of these mods on my HT. If you know
of any, no matter how old the mod is please send it to me at my E-Mail
address.
Thanks in advance...

Phil Stockmal, N1TMG
HSHK84D@PRODIGY.COM
President: 21 & Under DXing & CONTESTing Club

Date: Sat, 21 Oct 95 22:14:53 GMT
From: sdavid@terraport.net (Shivantha David)
Subject: Info Needed on VE3YRC

I am looking for any information on the York Region Amateur Radio Club.
Any info on club contacts and meetings will be appreciated.

Thanks in Advance,
Shiv.

Date: 24 Oct 95 02:55:49 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--VAA07016.814503349/ooz.backbone.uoknor.edu

The original message was received at Mon, 23 Oct 1995 21:55:48 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--VAA07016.814503349/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id VAA07014 for
<arees@ELECT1.CHEM.uoknor.edu>; Mon, 23 Oct 1995 21:55:48 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id VAA00380 for
<arees@elect4.uoknor.edu>; Mon, 23 Oct 1995 21:55:00 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSMT365IO004PWU@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 21:59:25 -0500 (CDT)
Date: Mon, 23 Oct 1995 21:59:25 -0500 (CDT)
Subject: Ham-Equip Digest V95 #539
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSMT38TYQ004PWU@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSMSVSDM80047JF@aardvark.ucs.uoknor.edu>; Mon,

23 Oct 1995 21:59:15 -0500 (CDT)
Received: by mail.ucsd.edu; id MAA23574 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 12:31:04 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id MAA23543 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 12:31:01 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 12:30:59 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #539
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510231931.MAA23543@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 539

Today's Topics:
** This Group Is Not For Sales or Purchases **
6146b neutralization---what does it do?
80m handies info
an HT from Hong Kong?
Dead Tubes? ? ??
Dentron Super Tuner
fixing swan 250c
FS: Icom P4AT 440 pocket size
Help: Mod 440Mhz to Australian CB Possible?
help with TINY-2
IC-706 VHF Mod
Jimmie "The Tube Man" Hawkins - What to do in this situation?
Kenwood TS-820
Military Communications Standards
Need help with ignition noise problem...
New MFJ 6 Meter SSB Rig
Opinions wanted: new newsgroup .forsale
POLARAD ESH-3
Radio Direction Finding gear.
Want: Service manual for TM-2570A
Want manual for AN/USM 117C OSCOPE
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 10:48:59 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: ** This Group Is Not For Sales or Purchases **

Hello,

As a new person to Internet, what I've learned here is.....

1.) The FAQ is too long and complicated to read, so it's ok to ignore it and do what ever you like.

2.) The correct way to applogize for being insulting is with another insult and a touch of superiority and more name calling mixed in.

3.) If I'm doing something wrong, and someone else corrects me in an inappropriate manner, my response should be it to continue doing the wrong thing on purpose to "teach my rival or subordinate a lesson" without regard for my own ill-behavior. The ability to show someone else "I don't have to listen to my underlings" would supersede maturity in this situation, and excuse any poor behavior on my part.

4.) The people that cause or create all problems are from AOL or other easy access services. Without them, none of this would occur.

5.) This group is really not for sales or purchases.

Do I have it all correct?

73 Tom

Date: 22 Oct 1995 00:57:35 GMT
From: Floyd Sense <sentek@nando.net>
Subject: 6146b neutralization---what does it do?

The purpose of neutralization of any rf amplifier stage is to balance out effects of the grid-plate capacitance coupling in the amplifier. One of the effects of an un neutralized amplifier is the possibility of the stage breaking into oscillation. I suggest that you follow the neutralization procedure described in the transmitter manual. It's not a difficult thing to do.

Date: 23 Oct 95 09:52:51 GMT
From: aaguirr@aleph.FI.uba.AR (Anibal Aguirre)
Subject: 80m handies info

hi: i`need information about 80m or 80m and 40m handies (xtal or synth). i`m not crazy.

i`need a dealer address or a factory address about this ht.
plase replay me by e-mail, because n`t have usenet accsess.
thanks for your time.
anibal aguirre. aaguirr@aleph.fi.uba.ar
LU4DVJ

Date: 23 Oct 1995 15:02:54 GMT
From: bobw@col.hp.com (Bob Witte)
Subject: an HT from Hong Kong?

David Cripps (d-cripps@dircon.co.uk) wrote:

: One thing's for sure - you will have a fantastic choice of radios! I felt guiddy
: every time I went shopping.

<snip>

: There are stories abound of people getting ripped off (especially in electrical shops),
: if it's anything to go by I didn't buy anything while I was there - the fantastic cheap
: bargins everybody hears about arn't there. The prices seem to be the same as
: in the UK (eg the newish Sony SW-100 was about 240 sterling).

: Save your self a LOT of hassle and buy local - and start up a friendship with the local
: ham store owner - much better in the long term.

After watching the discussion on this topic, my thoughts condense down
to this advice:
Enjoy the shopping experience (the variety of radios, old and new mixed
in with walkmans and electric razors) but buy very selectively (the
occasional good deal might show up but don't plan on a major radio
shopping trip).

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

Date: 22 Oct 1995 00:45:12 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Dead Tubes? ? ??

Agreed. Don't remember what kind of rig was mentioned, but, if it's a
Heath kit, chances are about 100 percent that what you say is true.

Date: 23 Oct 95 12:54:57 GMT
From: rogers@eng15.rochny.USpra.abb.COM (Bill_Rogers)
Subject: Dentron Super Tuner

Hi All:

Perhaps someone familiar with the Dentron Super Tuner could answer a few questions for
me. I just found one for sale at a reasonable price but the owner could not answer my

questions. Does anyone know the ratings? Does is have a roller inductor? What does the tuning circuit look like, i.e. transmatch... Has anyone modified one to 160m?

Thank you,
Bill KA2CKI

Date: Mon, 23 Oct 1995 01:21:19 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: fixing swan 250c

In article <46dknq$b08@felix.teclink.net> "Mark J. Acierno" <acierno@teclink.net> writes:
>I bought a swan 250c about a year ago fram a ham in TX that swore that
>the unit worked "the last time I turned it on" wellllll it got here and
>didn't work. Being a student I didn't have the money to fix it (and
>really, I still dont) Is it worth fixing or should I be looking at a new
>mfj 6 m rig?? and who would I even contact about fixing it ?□are there
>people that fix these older units at a reasonable cost - I still have
>education bills to pay!□□

"Didn't work" isn't very descriptive. What are the symptoms? These rigs are pretty simple. You can certainly fix most problems yourself. I wouldn't give up on it unless it had something like a fried power transformer or some other part that's impossible to get from a now defunct manufacturer.

This *is* amateur radio. You really should try to do more than turn the knobs on the front. Fixing old rigs is a good introduction to the workings of radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Oct 1995 07:18:41 -0400
From: rbryanj@aol.com (RBryanJ)
Subject: FS: Icom P4AT 440 pocket size

Hi Bryan here,

I have a mint P4AT, 100 channel with PL, DTMF, Scan, etc. Unit is a spare used very little around the house. Includes softcase, original box and manuals and wall charger.

Asking $220.00 shipped 48 states

Date: 23 Oct 1995 07:25:48 GMT
From: Chris Arai <arai@rahul.net>
Subject: Help: Mod 440Mhz to Australian CB Possible?

I would like to know if it is possible to modify a 440Mhz hand held to
work well on the Australian CB band. I believe it is about 470 Mhz, but
I'm not sure. If anyone knows the answer to that question as well I
would appreciate it.

Thanks

Chris

arai@rahul.net

--
Chris Arai <arai@rahul.net>

Date: Mon, 23 Oct 1995 01:14:33 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: help with TINY-2

In article <Pine.A32.3.91.951022003840.34003B-100000@academ03.mty.itesm.mx> XE2MXU/N5UHB
<fjorozco@academ03.mty.itesm.mx> writes:
>
>Hi all, here's another 'help-me!!' message:
>
>This time it's about a TINY-2 TNC. The thing connects and accepts
>connections and everything else, BUT, the damn thing doesn't print
>anything on my screen. I can go a ^C, and then 'c xe2xxx', and I will
>the the packets being exchanged, and the 'connect' LED will light up, but
>absolutely nothing shows on the screen. I've tried using procomm,
>Windows Terminal, and a few other dumb terminal programs with no luck.
>(Oh, I also tried XPCOM but couen't get it to acknowledge the tnc)
>
>Any ideas on this one?

Well you've probably got a flow control problem, though broken
hardware is also a possibility. You know you can send to the TNC,
and it behaves as expected in response to commands. Now have you
rechecked your serial cable wiring? The simplest thing when you
suspect flow control problems is to use a 3-wire connection,
gnd, TxD, and RxD only. The Tiny 2 is happy with this, but your
computer software has to be setup to ignore flow control. Procomm
lets you do that, and I expect the others do too.

If your computer has a DE-9 connector for serial use, just wire
pins 2,3,5 of the computer to pins 2,3,5 on the TNC. It should
talk if you've disabled flow control in your computer software.
When you power up the TNC, you should see the sign on banner
printed on your screen.

If your computer has a DB-25 serial connector, then you need
to wire it differently. Wire pin 7 of the computer connector
to pin 5 on the TNC. Pin 2 on the computer to pin 3 on the
TNC. And pin 3 on the computer to pin 2 on the TNC. Note that
pins 2 and 3 are reversed. Again, with flow control disabled
in your software, you should see the sign on banner print on
your screen when you power up the TNC.

If you don't see the sign on banner, then you probably have
a hardware fault. It could be the serial port on the computer,
have you tried that with some other serial device like a telephone
modem? Or it could be a problem in the Tiny 2. You'll have to
get out the test equipment and track that down.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 22 Oct 1995 15:26:10 GMT
From: "Stephen C. Gross" <sgross@enet.net>
Subject: IC-706 VHF Mod

I need the mod to allow out of band transmit on VHF for the IC-706.
I have already done the HF mod.

-steve

Stephen C. Gross
Pilot B737
America West Airlines

Date: Sat, 21 Oct 1995 23:52:35 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: Jimmie "The Tube Man" Hawkins - What to do in this situation?

In article <465r1u$3k3@newsbf02.news.aol.com>,
grauzer@aol.com (Grauzer) wrote:
>In an effort to save some money, I bought EL34 output tubes from Jimmie
>Hawkins, usually a seller of ham radio tubes at Southern California swap
>meets. I received the tubes mail order, having been told they were new.
>The tubes were blackened at the tops, clearly had been used, and when I
>called him, I was told that they are new, but I should try them, and if I
>don't like them, to return them and I'd get my money back. I tried them,
>blew fuses in my amp, and sent them back. He told me I had blackened the
>tubes, he could no longer sell them and sent them back to me. Have any

>others had problems with this guy? Perhaps at this point, the most I can
>do is tell others to be wary when dealing with him, so that someone else
>doesn't also get screwed.
>Dave

Not trying to defend 'ol Jimmie, but "blackened" is normal for nearly all
receiving tubes. Not always at the top, but always there somewhere. As part
of the manufacturing process, they induce a high current pulse into a part
inside the tube known as a "getter", and it flashes and burns up any stray
gas, thereby increasing the vacuum. The black stuff is the vaporized getter.

If a tube loses it's vacuum, the black part will turn gray -- a sure sign of a
bad tube. If that's what you have then yes, they're no good.

73, Bill W7LZP
wrt@eskimo.com

Date: 22 Oct 1995 01:03:54 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Kenwood TS-820

The price is good. Wonder if it's a TS-820S with the digital readout?
The digital readout circuit board was troublesome with poor solder
connections and often requires some work to make the display function.
You might want to contact Internation Radio in Port St. Lucie, Florida.
They used to publish a Kenwood Users newsletter and used to sell a
collection of the newsletter articles that dealt with the TS-820
specifically. There were a lot of shortcomings with the rig, but the
suggestions in the newletters go a long way towards making it a very good
rig. There was also an article or two in CQ or QST in the early eighties.
One of them dealt with adding the WARC bands to the rig. Not for the
feint of heart, but I was able to do the mod and it worked very well.
International Radio also used to sell good SSB and CW filters for the
rig. They also repair Kenwood gear. 73, K8AC in North Carolina

---

Date: 23 Oct 1995 04:05:44 -0400
From: screa@aol.com (Screa)
Subject: Military Communications Standards

I think mil spec 810 has to do with shock/vibration tests. Which does not
mean that the radio is type accepted for anything but ham use.
KB6VTU.

Date: Sun, 22 Oct 1995 05:39:04 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Need help with ignition noise problem...

In article <xBLFQPE.mlazaroff@delphi.com> mlazaroff@delphi.com writes:
>I've done the following so far:
>
>new resistor plugs and cables
>coaxial feed-thru caps on the ignition leads and alternator
>bonding straps on the engine, hood, trunk, exhaust system,
> doors, fenders, and bumpers

Have you replaced the distributor *cap*. Often, carbon tracking
in the cap is the source of ignition noise. (Of course this could
be one of those engines with no distributor, but it's worth a shot.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 19 Oct 1995 18:26:24 GMT
From: andy@clark.net (andy)
Subject: New MFJ 6 Meter SSB Rig

James W. KELLEY (jwkelley@e4e.oac.uci.edu) wrote:
: The latest QST has an MFJ ad for a 6 meter (50-50.3MHz) SSB 10 watt radio
: for $259 with a mic. Does anybody know about this one yet?

Well, we do now. After reading previous posts on this subject, it appears
that MFJ may not be quite ready to ship the units. But that's ok;
pre-production advertising is really not that uncommon, providing the
consumer is advised accordingly.

I think these little cheapie SSB/CW rigs are a great idea for the QRP
fans. However, I am a bit surprised at their choice of bands. After having
produced a 20 meter version, I would have guessed that a 10 or 15 meter
unit would be next on the list, given that there may be a bit more
activity on these bands.

andy

Date: Mon, 23 Oct 1995 16:29:09 GMT
From: k2ph@dxis.monroe.pa.us (Bob Schreibmaier)
Subject: Opinions wanted: new newsgroup .forsale

Date: 23 Oct 1995 08:01:22 -0400
From: radiomatt@aol.com (Radiomatt)
Subject: POLARAD ESH-3

Anybody know someone who has one?

Date: 23 Oct 1995 04:01:30 -0400
From: k5qq@aol.com (K5QQ)
Subject: Radio Direction Finding gear.

The Albuquerque T-Hunters were thinking the same thing about the two articles. Quite a few of us have dopplers and when we looked at the circuit boards and the "stuff" in the boxes, it did not appear to be any cheaper to build than a kit doppler.

Seemed like the two designs were very creative, but when you read the process to understand if the signal was "behind" you and the way you would have to turn around etc, it seems it's not very operationally effective.

I have one of the AB5CK dopplers and it works very good. No problem at any time determining where the signal appears to be coming from. I use four of the Hustler small 1/4 mag mounts and at $17, they are great. The PIN diode and the resistor mount in the base and so I don't even have a switching box on the roof.

I have both of the DF'er used in the articles and have played with them extensively, including the approach of putting them on a rotating mast and turning the mast to the signal null. In a real world environment, the multipath is the biggest issue and to be able to look at a display and realize that is what you are seeing and to determine when it seems you have a direct signal is of utmost importance.

The bottom line is that both work very well for the end point sniff, primarily because they continue to work right up to a transmitter. The The beam and attenuator technique suffer from the signal getting into the radio when you are close.

I don't want to criticize those who are energetic and build stuff, primarily cause I do a lot of fiddling myself, but I'm too lazy to write it up!! However, I think it is incorrect to say these two designs are cheaper than a doppler. However, if their only experience in the costs of a doppler are from looking at the costs of factory assembled units, then I understand the issue.

Adios all
Jim K5QQ

Date: Sat, 21 Oct 95 14:27:19 GMT
From: nadzam@garlic.com (Bill Nadzam)
Subject: Want: Service manual for TM-2570A

Subject says it all, I need a service manual for the Kenwood 2 meter radio "TM-2570A". If you have one, even a copy I'll buy it.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

Date: 22 Oct 1995 00:25:44 GMT
From: gcouger@jsun.agen.okstate.edu (Gordon Couger)
Subject: Want manual for AN/USM 117C OSCOPE

I have a couple of these scopes and need the manual to fix one of them.

Thanks
Gordon
AB5DG

Gordon Couger - Biosystems & Ag Engineering Oklhoma State Univ.
114 Ag Hall, Stillwater, OK 74078
Home 624 Cheyenne, Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405-624-2855 evenings 405 744 8392 work
I do not speak for my employer

Date: Sun, 22 Oct 1995 00:01:23 GMT
From: d90thoah@ida.liu.se (Thomas Ahlblom)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Hello!
I would like to how much a Kenwood HF rig costs in the US.

Can you give me a clue? Its not necessary to tell me where to get the
cheapest rig - I just want to know the approximate price.

I'm interested in the following rigs:
Kenwood TS-450AT, TS-850AT and TS-870.

Tnx in advance & 73

de Thomas / SM5VOH

Internet: d90thoah@und.ida.liu.se
AX25: SM5VOH@SK5AS.E.SWE.EU

Date: (null)
From: (null)

I think you hit the nail on the head. I suspect the big problem is
that newcomers don't know about rec.radio.swap. It's not even in the
same hierarchy as the amateur radio groups. Newbies come in, see the
rec.radio.amateur hierarchy, see no forsale group, but see an equipment
group and think this must be the place. It's an easy mistake to make.

Yes, if they read the Guide to the Personal Radio Newsgroups they
wouldn't make the mistake. The Guide has lots of very useful info.
Unfortunately, the Guide is some 200+ lines in length. I wonder how

many people actually read it. Probably not many.

I would support a rec.radio.amateur.forsale newsgroup. I think this
would be far more intuitive for newcomers to figure out. Perhaps a
short, weekly "charter of the newsgroups" message would be useful as
well -- provided the author signs his/her/its name. 8^{)

73,
Bob K2PH

--
+------------------ \-\-\-\ ----------------------------+
Bob Schreibmaier K2PH	E-MAIL: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

End of Ham-Equip Digest V95 #539
****

--VAA07016.814503349/ooz.backbone.uoknor.edu--

Date: 24 Oct 95 03:46:10 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--WAA07851.814506370/ooz.backbone.uoknor.edu

The original message was received at Mon, 23 Oct 1995 22:46:09 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--WAA07851.814506370/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id WAA07849 for
<arees@ELECT1.CHEM.uoknor.edu>; Mon, 23 Oct 1995 22:46:09 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by

elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id WAA00415 for
<arees@elect4.uoknor.edu>; Mon, 23 Oct 1995 22:45:21 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSOKKCKUO004LL4@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 22:49:49 -0500 (CDT)
Date: Mon, 23 Oct 1995 22:49:49 -0500 (CDT)
Subject: Ham-Equip Digest V95 #540
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSOKKEGDE004LL4@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSOKAE3RK004GG7@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 22:49:36 -0500 (CDT)
Received: by mail.ucsd.edu; id TAA10270 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 19:15:20 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id TAA10196 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 19:15:15 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 19:15:09 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #540
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240215.TAA10196@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 540

Today's Topics:
(no subject)
** This Group Is Not For Sales or Purchases **
an HT from Hong Kong? (2 msgs)
Dead Tubes? ? ??
FREQUENCIES ????
FT-11R Sub-audible tone NOT!
Ft530 Mods?!!
Ham Swap Meets in Denver Area
Heathkit DX35 tranciever; Antique wind-up Morse code training thing
help plastic power connectors
HELP PLEASE! - Old RCA Senior Volt-Ohmist
IC-706 HF Rig Features

Need help with ignition noise problem...
Need some info on Kenwood SP940 speaker
Opinions wanted: new newsgroup .forsale
Radio Direction Finding gear.
unsubscribe
Wanted:HP 8555
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?
WWW Pentone

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 Oct 1995 15:15:31 GMT
From: nelson@fdt.net
Subject: (no subject)

I have a Phillips AM-FM Deluxe radio with five short wave bands. It is
about twenty years old and has developed a whooshing noise on all bands
all the time. I live in Gainesville Fl. I don't think there is a radio
repair store in town. Can old radios still be repaired? or do I have to
junk it?

Date: 23 Oct 1995 18:01:45 GMT
From: bobw@col.hp.com (Bob Witte)
Subject: ** This Group Is Not For Sales or Purchases **

W8JI Tom (w8jitom@aol.com) wrote:
: Hello,

: As a new person to Internet, what I've learned here is.........

<snip>

: 5.) This group is really not for sales or purchases.

: Do I have it all correct?

You got the most important one correct. If we could all get
THAT one straight, it would be a great start.

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

Date: 21 Oct 1995 17:09:22 -0700
From: ad7k@bighorn.accessnv.com (Squeak Porray)
Subject: an HT from Hong Kong?

If you want my name just ask. (timhynde@ix.netcom.com) wrote:

: >to Hong Kong soon and am interested in shopping for an HT. What can
: you
: >advise me about:

: I'd save myselft the trouble and buy from a stateside distributor,

Comments from a "Stateside distributor", who has had experience both ways
...

If you buy a radio from someone you never saw before, and never expect to see again, all he is going to be interested in is getting your money out of your wallet and you on your way.

If you buy from a local (or regional) dealer, you are buying from someone who wants to see YOU happy, since he hopes that you will come back again and again, for all those accessories, mobile radios, antennas and the like that we hams always need to add to our collection.

If you bring in an oversees "Yaekenicostanco" radio, you will have NO US warranty - the American distributors warrant only those radios that they import, and quite possibly might not service them - they are completely within their rights to do so. There very well may be (as has been in the past) board or component differences between various versions of the radio destined for different countries, thus compounding the situation. (Some manufacturers have had up to five different versions of the same radio - with each version destined for a different market area, with different regulations.)

If you buy the radio from a local (or regional) dealer, you have someone you can go to with questions and problems ... but long-distance calls to Hong Kong to get answers to a question get expensive - to say nothing of "how do you ask someone how to program odd splits for repeaters into your new handy - when he is only really fluent, technically, in Chinese?"

I doubt that you will find any significant price differentials in buying in Hong Kong ... that was true years ago (I was there during the VietNam era), but not now, with the global economy/distribution situation now in existance. However, you can find real bargains in Hong Kong on things that are local-labor-intensive (like tailored suits for example).

Enjoy your trip ... take the tram to the top of Victoria Peak and let me know if the view is still as grand as it was on Christmas Day of 1972 ... and good luck to you!

Very 73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

ps: I hope you don't think I am touting just our company ... in the
above, I speak for the Amateur Radio community in general, and I think
that it speaks for all domestic Amateur Radio Dealers as well.

Date: Mon, 23 Oct 1995 18:50:11 GMT
From: rafaels@zimmer.CSUFresno.EDU (Rafael Solis)
Subject: an HT from Hong Kong?

In article <46b7s9$lmj@ixnews5.ix.netcom.com> timhynde@ix.netcom.com (If you want my name
just ask.) writes:
>
>>to Hong Kong soon and am interested in shopping for an HT. What can
>you
>>advise me about:
>
>
>I'd save myselft the trouble and buy from a stateside distributor, I've
>heard of guys buying overseas HF gear with features or bands not avail.
>in U.S but I've never heard of any great bargains. What you save by
>shopping Hong Kong may cost you quickly if you have a problem or need
>an accessory for the radio.
>
>I have a Kenwood Dual band HT and like it alot.
>
>73, Tim ka8ddz

I agree with Tim. I've been to HK several times on business trips and
it is not worth the hassling of dealing with the salesmen over there
(prices are not fixed and you have to deal, yes as in bargaining!).
Also there is the problem of the warranty. I don't think any of the
major brands (K,I,Y) honor warranties of any equipment bought
overseas. What I have bought though are accessories. Bring your AES
catalog to check the price differences. Some things are cheaper there
but others are around the same or even higher depending on the store.
Another suggestion is to get away from the Nathan Rd. stores, those
are usually overpriced.

Have fun in HK.

Rafael (KE6JSR)

Date: Sun, 22 Oct 1995 16:05:05 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Dead Tubes? ? ??

In article <46bhjh$b3m@ixnews7.ix.netcom.com> scibelli@ix.netcom.com (Christopher
Scibelli) writes:
>>On 18 Oct 1995 18:13:19 GMT, Floyd Sense <sentek@nando.net> wrote:
>
>>>Check the output power on 10 meters. If it's not up to spec there but is

>>>on the lower bands, you may need new finals. If you don't have a
>>>reliable watt meter, use a 100 watt light bulb as a dummy load and fire
>>>it up on 10 meters. If it appears to be fully bright, you're probably
>>>OK. 6146Bs tend to last a long, long time if not abused.
>
>Does this work for transistor rigs as well? My IC735 is now only
>putting out half power on 10, 3/4 power on 12 and full power on the
>other bands.

You need new 6146s in your IC735! :-)

Transistor finals generally don't "go soft" the way tubes do, so
this test isn't very useful for transistor rigs. Your symptom
could be the result of reduced PA gain, due to an internal
emitter ballast resistor failure, but it's probably another
cause. You might check the bandpass filter switching in the rig
for the two highest bands. And you might want to look at the
drive level from the low power stages. A hint to where the
trouble may lie would be whether this condition appeared
suddenly or had a gradual onset.

There may also be no problem with the rig at all. It may be doing
power foldback due to VSWR on the two highest bands. Are you testing
into a known good dummy load? No tune rigs won't work well at all
using a lightbulb for a dummy load. It's not even close to their
design output impedance. Lightbulbs work fine as crude loads on
the older rigs with tune and load controls, but not on the no tune
rigs. They have to see the right impedance, or they'll foldback
power.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Oct 95 19:19:06 GMT
From: walter@idirect.com (SLEDDER)
Subject: FREQUENCIES ????

Can somone give me a list with the bands and their corresponding
frequencies.

PLEASE & THANK YOU

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo--
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
THINK SNOW ! ! !
=A9 Copyright 1995

Date: 23 Oct 1995 19:26:00 GMT
From: ydtlzmj@news.atglab.bls.combst.bls.com (Victor Gregg)
Subject: FT-11R Sub-audible tone NOT!

I have a friend here in Atlanta who has a FT-11R that
you can hear the CTCSS (should be sub audible) tone.

On very good repeaters, the tone noise is quite loud,
and at best annoying.

I have a FT-51R which does not have this problem.

Are there other Yaesu FT-?1R users with similar experiences?

Is there any adjustment my friend might make on his FT-11R?

Thanks,

Victor KF4BUX Gregg

Date: 21 Oct 1995 16:45:09 -0700
From: ad7k@bighorn.accessnv.com (Squeak Porray)
Subject: Ft530 Mods?!!

rossr (rossr@tcs.com) wrote:
: Hi, I recently bought an FT530, I also modified it for extended rxcv,
: however, the 900 mhz band does not rxcv as it does on a friend's
: FT530. --==> snip

This is as it should be ... Congress passed a law several years ago that
made it illegal to manufacture (if domestic) or import (if from overseas)
any receiver that receives, or can be modified to receive, cellular
telephone conversations ... following up on the Electronic Privacy Act,
which makes it illegal to actually receive cellular telephone
conversations themselves. This prohibition went into effect in April of
1994 ... stocks on hand could be sold off, but nothing
imported/manufactured after that date could be sold. There is no
modification possible on these receivers, since the law was very specific
in making sure that modification was impossible. If 800 MHz receive is
important to you, your only hope is to find a radio made or imported
before April of 1994 (i.e., pre-Lot 20 for an FT530), and hope you want
it more than its current owner ($$$$$)!

73 and good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

Date: 23 Oct 1995 20:48:00 GMT
From: jmoody@denadm.ms.ch2m.com (Joe Moody)
Subject: Ham Swap Meets in Denver Area

I would like to find an upcoming ham radio swap meet in the Denver area.
I also need to find someone to repair a Drake TR-7.

Please E-mail me, as I do not always read this newsgroup.

Thanks in advance for you help,
-
Joe Moody
(jmoody@denadm.ms.ch2m.com)

Date: Mon, 23 Oct 1995 19:23:33 GMT
From: al564@FreeNet.Carleton.CA (John Rakos)
Subject: Heathkit DX35 tranciever; Antique wind-up Morse code training thing

Thesed items are for sale for $50 each.

The DX35 has Q-mult and antenna
multiplier with
it. This transciever has crystals that you plug intothe back; comes with
lots of crystals. I do not know enough about trancievers to see if it
works - the tubes light up.

The morse code trainer comes with the paper tapes with holes...some new
tapes with no holes!

--
John J. Rakos & Associates Consultants Ltd.
Project Management Consultants, 14 Palsen St., Ottawa, ON, Canada
Phone or Fax: (613) 727-1626

Date: 23 Oct 1995 21:12:17 GMT
From: w2gma@ix.netcom.com (MELVIN TOREN)
Subject: help plastic power connectors

Hi and thanks for reading this. I am looking for a source of the
plastic two pin connectors that most of the manufactures are using for
power cables on their vhf and uhf radios. I have an old radio that i
had jones plugs on that i would like to change to the newer design but
have been unable to acquire the plugs. Any help greatly appreciated.

Thanks,

mel, w2gma...

Date: 23 Oct 95 15:04:14 CDT
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Subject: HELP PLEASE! - Old RCA Senior Volt-Ohmist

I thought I might be able to restore the above after getting it in
a lot of test equip. at a Hamfest.

Since it had some corrosion on the bottom of the from panel I opened
it to find a corroded Alkaline 1.5v cell soldered in place. While
the battery bracket looked original the cell wasn't.

The unit is AC operated with one 12AU7, and two 6AL5 tubes.

I can't get it to calibrate high enough on the DC ranges. ie, at
a 1.48v source the best I can get the meter to read is about 1.3v.

Also while I can get a zero ohms with the probes shorted I can't get
infinity on the high end.

Any idea what type of battery should be in it?
Do you think new tubes would help?
Do you think the capacitors are so old they should be replaced?
Am I wasting my time on this thing?

Thanks for reading and your thoughts. Please reply by e-mail to:

dharper@kumc.wpo.ukans.edu

73's de N0USP,
Dick

Date: 23 Oct 95 17:30:32 GMT
From: aust@gandalf.sp.TRw.COM (Mike Aust)
Subject: IC-706 HF Rig Features

I ran the AT-50 with the Special cable which allows to run directly
off 12V, then manually switching to the desired band, I had the tuner
automatically tune for low VSWR with the IC-706. I think the AT-50 is a real
good tuner to be used with the New Icom IC-706 HF rig, but this tuner
does not cover 6 meters!!
73's
Mike
W6TR
In article <9510222046.AA20001@haldir>, aust@gandalf.sp.TRw.COM (Mike
Aust) wrote:
> It will overload , my TS-50 also did overload, i.e. 80 and 160 meters, but
> when I used the Kenwood AT50 Antenna Tuner with the Kenwood TS-50, it
was pretty
> good.

Mike-

I currently use the TS-50 with the AT-50 in my car. There are about 15 people ahead of me on the AES/Orlando waiting list for the IC-706, with a shipment expected in about a week.

I wonder what is involved in using the AT-50 with the Icom? I would think you might at least need a special cable.

I agree with your comment about the TS-50's SSB filter. I plan to get the narrow SSB filter for the Icom's narrow filter position, with intent of possibly installing it in place of the existing filter. If this works out, I would then get a CW filter to go in the narrow position. Does this sound feasible?

73, Fred, K4DII

Date: Sat, 21 Oct 95 23:50:52 -0500
From: mlazaroff@delphi.com
Subject: Need help with ignition noise problem...

I have a 1988 Chrysler LeBaron with the 2.2L
turbocharged 4-cyl engine.
I've been unsuccessful in ridding it of ignition noise
in my HF mobile setup (FT900 with screwdriver antenna).
Even the AM broadcast radio suffers from the noise.
It does appear to be ignition noise, as it is the classic
"popping" and "hash" that varies with engine speed.
There is no alternator whine. The noise is not present
when the antenna is disconnected (i.e., it's being picked
up by the antenna and not coming in thru the power leads).
The rig's power cable is wired directly to the battery with
heavy, high-quality wire.

I've done the following so far:

new resistor plugs and cables
coaxial feed-thru caps on the ignition leads and alternator
bonding straps on the engine, hood, trunk, exhaust system,
doors, fenders, and bumpers

Starting the engine increases my noise level from S0/S1
to S4/S5. It's worst on 10, 15, and 20. There seems to be
little problem on 75 and 40; the rig's noise blanker eliminates
the noise there but is only partially effective on the higher
bands. With the noise blanker off, the noise is S7 and makes
mobile operation effectively impossible.

Out of the several cars I've operated mobile from, this is the
first one (and hopefully the last!) that has defied my efforts
to
"quiet it down". Anyone out there have any ideas/suggestions
other than the obvious "get rid of it and buy another car" :)?

73, Mike KB3RG

Date: Mon, 23 Oct 1995 18:58:31 GMT
From: dgf@netcom.com (David Feldman)
Subject: Need some info on Kenwood SP940 speaker

I picked up one of these w/o docs. Would someone care to send me the specs
or a copy (by fax maybe?) or please let me know by e-mail the specs around the
HIGH1, HIGH2 and LOW controls and the "line out" connector on the rear?

Thanks,

73 Dave WB0GAZ dgf@netcom.com

Date: Mon, 23 Oct 1995 22:20:27 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Opinions wanted: new newsgroup .forsale

Dan Brown (danb@a.crl.com) wrote:
: jlowman@netcom.com (Jim Lowman) wrote:

: >1) While rec.radio.swap is the correct place for such ads, it is not
: >specific to amateur radio equipment.

: From other discussions I've seen, this was intentional--amateurs use
: lots of non-ham equipment (Motorola UHF and VHF business-band radios,
: for instance). Most of the stuff I've seen in r.r.swap would be
: appropriate in a group in the .amateur hierarchy, either because (1)
: it is ham gear, (2) it can be modified to work in ham bands, or (3) it
: would be used in connection with ham gear.

What I would propose is that any amateur or related gear - anything that
facilitates the operation or maintenance of an amateur radio station - would
be "on topic." This could include, but not be limited to, test equipment,
replacement parts, commercial gear that could be converted to operate on the
authorized amateur frequencies - you get the idea.

: .swap, .marketplace, and .wanted are about as common as .forsale.
: Construed strictly, .forsale neglects "wanted" posts (and vice versa).
: For accuracy's sake, .marketplace seems like the best choice, but I
: think any of the four is about equally descriptive.

OK, I am not hung up on the actual name; whatever everyone feels is right, is
fine with me.

: >3) Hopefully, we could guide individuals and commercial advertisers to this
: >new newsgroup, thus restoring rec.radio.amateur.equipment to its intended
: >purpose.

: The same is true of rec.radio.swap.

: >For the record, I don't think posting of ads is going to stop, even with the
: >flaming that is going on, unless there is a channel for advertisers to use.

: There is such a channel, though.

: The only real advantage I can see to rec.radio.amateur.{swap |
: marketplace | forsale} is that it would put a group with the other
: amateur groups, while the r.r.swap is detached a bit in the
: alphabetical list. When I saw the list of rec.radio.amateur groups, I
: went looking for a for-sale group, but apparently others don't bother.
: I tend to doubt they'd bother anyway, but I'm rather cynical that way.

When I first subscribed to the desired groups in rec.radio.amateur*, I looked for a .forsale or similar group. It was not until I noticed some retailer being flamed *on the newsgroup* for posting an ad, that I became aware of the .swap newsgroup. The considerate/experienced net user would probably look for, and find, a .forsale group if it were in the same hierarchy. The clueless will remain so, no matter what we do. Even if this proposed new group does not come to pass, I would hope that we could agree to stop flaming the advertisers on the newsgroup itself. I would hate to put all the net cops in a killfile, because they might just have something worthwhile to say down the road.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: Mon, 23 Oct 1995 13:44:20 -0500
From: mmusick@talx.com (Mike Musick)
Subject: Radio Direction Finding gear.

> In the November issuse of QST and 73 magazines are a couple of very
> interesting RDF (Radio Direction Finding) projects. The projects are
> entitled "The Four-Way DFer" and "Poor Man's Doppler".

You were being kind, Tom. The "Poor Man's Doppler" is aptly named, because not only do you have a big construction project, it's built around the Ramsey DF kit which will set you back $70 before you even start. By the time all is done, you *will* be poor if you weren't before.

When I saw Malcomb present "The Four-Way DFer" at Dayton this year, I had to ask myself "Why bother?" Not to detract from his efforts, but in the end his dual TDOA is more complicated than a Roanoke and has less resolution to boot. Attempts to increase the resolution beyond the 8 compass points on the "4-Way" become immensely complicated, too, because the L-R and F-B proportioning is nonlinear and therefore has to be calculated or compensated.

Your kit version of the Roanoke is a better deal all around. I've got three foxhunting friends with 'em and they're almost as good as my

modified Atlanta kit. ;-)

> It is fun to share one ham's comment: "Dopplers are LETHAL when it comes
> to tracking down trouble makers".

Fer sure!
...mm

==========
Mike Musick/N0QBF |
71301.3106@compuserve.com | [Insert usual disclaimers here.]
mmusick@talx.com |

Date: 23 Oct 95 21:50:05 GMT
From: am257@detroit.FReenet.ORG (Tim English)
Subject: unsubscribe

unsubscribe

Date: Tue, 17 Oct 1995 21:24:00 MST
From: mater@primenet.com (Eric Nelson)
Subject: Wanted:HP 8555

I am interested in purchasing a working HP 8555 RF plug in for the 141T based
HP spectrum analyzer. Please e-mail any info.

Thanks

Eric Nelson

Date: 23 Oct 95 19:22:14 GMT
From: walter@idirect.com (SLEDDER)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Try http://www.hamradio.com

Enjoy.!

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo---
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
THINK SNOW ! ! !
=A9 Copyright 1995

Date: Mon, 23 Oct 95 17:06:04 GMT
From: Troll <Troll@nochet.demon.co.uk>
Subject: WWW Pentone

My mates run a company making radio modems and selcall modules;

WWW page is

http://www.io.com/~troll/pentone/index.html

--
Tom Zunder: Troll@nochet.demon.co.uk
http://www.io.com/user/troll/index.html
All views expressed are strictly my own.
May Argan Argar shield this mail

End of Ham-Equip Digest V95 #540
****

--WAA07851.814506370/ooz.backbone.uoknor.edu--

End of Ham-Equip Digest V95 #541
****

--AAA08222.814510920/ooz.backbone.uoknor.edu--

End of Ham-Equip Digest V95 #542
****

--BAA08689.814515766/ooz.backbone.uoknor.edu--

Date: Mon, 23 Oct 1995 23:46:42 GMT
From: bq342@freenet.buffalo.edu (Russ Rinckey)
Subject: SB 220 hook up

I am buying a sb 220 and want to hook up to my kenwood ts690 will the relays in the rig handel the sb220 ?

Date: 23 Oct 1995 21:28:18 GMT
From: pepperh@demo.bb.unisys.com (Hugh M. Pepper)
Subject: W2a audio going down (was: HELP - Icom ICW2A Speaker Connection)

In article <DGq88o.9BA@inter.NL.net>, geertj@ripe.net (Geert Jan de Groot) says:

>Repairing the W2a is easy (I did so several times), though diagnosing
>is difficult. Before you open the unit, do some tests like:

>- really verify if the problem is both VHF and UHF

Yep, problem is on both VFO's.. weak audio output on UHF and VHF.

>- Connect external speakers to both jacks and test again.

Yep, still weak audio, on internal and external speakers.

>- Does a quick powerdown/powerup restore audio levels?

If you key the mic very quickly, upon returning to receive, the
audio is louder, but then quickly goes back to very soft.

>- DO you notice distortion?

Yes, when the volume control is increased, the audio sometimes
even breaks up.. high distortion..

>It may be a capacitor going soft, but then again, it may not.

An SMD cap?? I have the schematics that came with the HT, but not
the service manual.. sounds more and more like a trip back to ICOM,
unless I can be fairly sure of the offending parts to take a chance
at replacing them. Even at that.. I would probably have to go to ICOM
for the parts anyway!!

>I do NOT recommend working on the unit if you can't take ESD precautions,

You mean grounded tip soldering irons right!!!

>if you don't have the maintenance manual, or if you are unconfortable
>working on 0102 SMD's. And remember NOT to transmit if the casing
>is not installed (the back side is the cooling).

Thanks for all the insight... And here I thought these radio's
would work forever!!!

Hugh -

pepperh@demo.bb.unisys.com

Date: Mon, 23 Oct 1995 23:22:21
From: jan.anker@ping.be (Jan Anker)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

In article <ragnaroek1995Oct23.152214.20835@news2.compulink.com> walter@idirect.com
(SLEDDER) writes:
>From: walter@idirect.com (SLEDDER)
>Subject: Re: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?
>Date: 23 Oct 95 19:22:14 GMT

>Try http://www.xxxxxxx.com

>Enjoy.!
>--
>-

>When you're through changing, you're through.

>CHECK OUT MY HOME PAGE& HOT LINKS @
>http://www.xxxxx.com/users/walter.html
> |___/|
> | o o |
>----oOO-------OOo---
>*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
>THINK SNOW ! ! !
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buying low..selling high... and here not a good place for this add's

----

End of Ham-Equip Digest V95 #543
****

--DAA09382.814523837/ooz.backbone.uoknor.edu--

3435. Mac Ham WWW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-2410950520030001@wd1v.mv.com>
Source record: 211040

Announcing New WWW Site for Macintosh Ham Radio Enthusiasts

http://www.mv.com/ipusers/wd1v

Mac Ham Software including:

Macnet Roster
a database of all hams in the world using Mac computers

WD1V's Ham Radio Test Simulators
the fast path for upgrading your ham license with a Mac

Plus more information - come see!

\/
John D. Seney, WD1V Internet: john@wd1v.mv.com
144 Pepperidge Drive AOL: jseney@aol.com
Manchester, NH 03103-6150 AX.25 Pkt: wd1v@wb1dsw.nh.usa.na
(H) 603-668-1096 TCP/IP Pkt: wd1v@wd1v.ampr.org

macnet world wide web home page: http://www.mv.com/ipusers/wd1v

Macnet Roster - "Whos Who" of all amateurs using Mac Computers
Macnet Test - Amateur Radio Test Simulators
Macnet Collection - 10 Disks of Amateur Radio and Scientific Prgms

\/

LeCroy Corporation - Test and Measurment Sales Engineering
Serving NE Massachusetts, NH, and ME
WWW http://www.lecroy.com
NASDAQ: (LCRY)
(O) 800-553-2769 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

All opinions are my own, including Digital Storage Scope.FAQ

To obtain the latest copy automatically, simply send me an EMAIL
with "subscribe scope.faq" in the subject field.
or: WWW http://beam.slac.stanford.edu/www/library/w3/dso.html
\/

3436. Re: FT-11R Sub-audible tone NOT!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: KGTS43A@prodigy.com
Message-ID: <46ie1b$1t18@usenetw1.news.prodigy.com>
Source record: 211041

As I recall, this was a problem with the FT-11 without the ctcss decode board option. Buying and installing this board changes the way the tones are generated.

Or so I recall...

73, Tom N9CGD

3437. Returned mail: Local configuration error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: MAILER-DAEMON@uoknor.EDU
Message-ID: <199510241044.FAA10035@ooz.backbone.uoknor.edu>
Source record: 211042

```
This is a MIME-encapsulated message

--FAA10035.814531471/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 05:44:30 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--FAA10035.814531471/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id FAA10033 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 05:44:30 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id FAA00719 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 05:43:39 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWT361OV6O004C3D@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 05:48:04 -0500 (CDT)
Date: Tue, 24 Oct 1995 05:48:02 -0500 (CDT)
Subject: Ham-Equip Digest V95 #544
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWT361QH1U004C3D@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWT34Z4IGW004TO8@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 05:47:50 -0500 (CDT)
Received: by mail.ucsd.edu; id CAA16900 sendmail 8.6.12/UCSD-2.2-sun Tue,
24 Oct 1995 02:02:52 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id CAA16884 sendmail 8.6.12/UCSD-2.2-sun Tue,
```

24 Oct 1995 02:02:48 -0700 for ham-equip-ddist
Date: Tue, 24 Oct 1995 02:02:46 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #544
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240902.CAA16884@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Tue, 24 Oct 95 Volume 95 : Issue 544

Today's Topics:
an HT from Hong Kong?
Dedicated radio for packet?
FLAMES
FS: Yaesu 900 ; info on TS50S
Ham Swap Meeting in Aarhus area, DK
How about IC706,TS50,ALINCO DX70
Opinions wanted: new newsgroup .forsale
Returned mail: Local configuration error
Yaesu repair help needed

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 23 Oct 95 09:26:14 GMT
From: davie@primenet.com (Dave Easton)
Subject: an HT from Hong Kong?

In article <46elj9$g28$1@mhafm.production.compuserve.com>,
Erik Westgard <71505.341@CompuServe.COM> wrote:

>
>I was in Hong Kong this summer, staying in the Causeway Bay area. I
>was completely surprised by the number of authorized Icom dealers in

>
>Would I go back- yes. Buy some gear- maybe. Fun place- I have never

>been in more Ham Radio dealers in my life.
>

I would like to add to this thread - I was there not too long ago and I got the feeling many stores were more "communications" stores. They had ham, two way, commercial HF, you name it. Whatever you wanted, whoever you were, they were happy to sell it to you. Perfectly legal, of course, as it would be in the US, as long as you didn't try to use it here, or in HK. I suspect the HK government keeps after toursts trying out their new toys before they leave!

I also found the HK shop keeper's to be the nastiest, most disinterested, discourteous S.O.B.'s I have EVER run into. It was so bad I asked my hotel manager what I was doing wrong. He said "probably nothing", adding "being Caucasian and wanting less than 10 of anything was not a good combination for many sales people; a serious problem in HK". All of this right after visiting Tokyo where the HAM (REAL ham) stores where SO polite and friendly I literally could not believe it.

Dave, WE6L/ Phoenix

Date: 24 Oct 1995 06:33:48 GMT
From: otheral@ix.netcom.com (Al Williams)
Subject: Dedicated radio for packet?

In <DGu7yx.4Ir@eskimo.com> wrt@eskimo.com (Bill Turner) writes:
>
>In article <45t64p$hjq@newsgate.dircon.co.uk>,
> d-cripps@dircon.co.uk (David Cripps) wrote:
>>I've recently got back on the air and linked my Icom 2/70 handheld up
to
>>a PK232 to experiment with packet.
>>
>>The thing is my handheld is a bit OTT as a single freq, packet,
transceiver.
>>
>>What I'm looking for (I think) is a dedicated radio that can act as
my packet
>>radio, transmitting approx 10W. What should I be looking at?
>>
>---
>I've been using a Radio Shack HTX-202 for almost three years now and
it has
>been a real workhorse. I estimate it has about 15,000 hours on it and
still
>going strong. They are available used for about $150 or so. One
thing I like
snip

Mine hasn't got that that many hours, but it's doing a fine job so far.
What I wanted to add is that it puts out 9.5 watts on 13.8 volts and

over 6 watts on 12.2 volts. This would seem to fit your desires.

73's de N3TYD <Al>

Date: 23 Oct 1995 20:02:25 -0400
From: parland@aol.com (PArland)
Subject: FLAMES

I'd like to take this opportunity to thank all who sent me tons of mail suggesting that I take my ad about the T-T linear to another list.

My point: Once, maybe twice, would have been sufficient to call my attention to the error of my ways. Obviously I do not belong on this list nor will I ever be here after this posting.

The flip side: I am a radio hobby press journalist. I have a column in Monitoring Times, several of my feature articles have appeared in QST and CQ in the last year. I also have authored several books on ham radio. Rest assured, when it comes time to recomment any USENET groups or mailing lists, I will not mention this one.

Thanks for a wonderful time.

Date: 24 Oct 95 14:57:00 GMT
From: pve@dg13.cec.BE (VEKINIS Peter)
Subject: FS: Yaesu 900 ; info on TS50S

An 'as new' Yaesu 900 for sale including the mobile mount and the remote mounting kit which allows the display to be installed separately from the main unit. Excellent condition, still in the original box. Asking for $1000.

E-mail to kc1qf@amsat.org.

I need the general tramsmit mode of the TS50S. Can anyone supply the details please? Thanks in advance.

PS: Please dont post 'not for sale messages'

Date: 24 Oct 95 09:34:07 GMT
From: jm@infocom.DK (Jens Madsen)
Subject: Ham Swap Meeting in Aarhus area, DK

To hams in Denmark

On Sunday the 29th october, is a ham-auktion and exibition taking place at "Hadsten Tekniske Skole".
Opening hours are 10.00 to 17.00 .

73 and have a good time
Jens Madsen / OZ2JMA

Date: 21 Oct 1995 01:55:54 GMT
From: fitr%mimi@magic.itg.ti.com (J.Fitter BV/N0IAT)
Subject: How about IC706,TS50,ALINCO DX70

In article <DGr1x1.MJo@iglou.com>,
n4lq@iglou2.iglou.com says...
>
>
>It said:
>
>Ahso! Very Bad!
>--
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

Not exactly, Steve.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

Date: Mon, 23 Oct 1995 22:41:09 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Opinions wanted: new newsgroup .forsale

Mark Johnson (mjjohn5@lookout.mtt.it.uswc.uswest.com) wrote:

: If there is not a need for two such groups, maybe the rec.radio.swap
: should be removed and rec.radio.amateur.forsale should take its place.

I do not see the need to replace rec.radio.swap, just to create a new, more
specific newsgroup. Replacing it might just cause further confusion.

: Thanks

Thank you! for your input...Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: 24 Oct 95 08:37:17 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--DAA09382.814523837/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 03:37:16 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--DAA09382.814523837/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id DAA09380 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 03:37:16 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id DAA00642 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 03:36:27 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSYQCYW0G003VHY@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 03:40:52 -0500 (CDT)
Date: Tue, 24 Oct 1995 03:40:51 -0500 (CDT)
Subject: Ham-Equip Digest V95 #543
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSYQD0HVM003VHY@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSYPZ12TC004QWK@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 03:40:39 -0500 (CDT)
Received: by mail.ucsd.edu; id XAA24233 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 23:26:34 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id XAA24219 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 23:26:32 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 23:26:29 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #543
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240626.XAA24219@mail.ucsd.edu>

X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 543

Today's Topics:
** This Group Is Not For Sales or Purchases **
Returned mail: Local configuration error
SB 220 hook up
W2a audio going down (was: HELP - Icom ICW2A Speaker Connection)
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 23 Oct 1995 23:35:07 +0100
From: anon-remailer@utopia.hacktic.nl (Anonymous)
Subject: ** This Group Is Not For Sales or Purchases **

mjjohn5@lookout.mtt.it.uswc.uswest.com (Mark Johnson) wrote:

>If they do not know about the rules, then maybe we should treat them
>like we would a new ham. Give them some polite information and help,
>but not jump down their throats.

No one suggested otherwise.

>If the FAQ is posted on a monthly or weekly basis then there is also
>no need to send a shouting post not to post FS here.

If the FAQ was enough, FS and WTB wouldn't be here.

>That is just as annoying and very insulting to most of the fine users
>on this group.

I'm flattered.

>And talk about going outside the newsgroup's guidelines? Well, aren't
>we doing that now?

Its appropriate to discuss use of the group. How else would you reach
the people using it?

>But we don't have to kill those who stray from the word of the
>FAQ either.

No one suggested that.

>Gee Tom, I thought I was very restrained in my choice of words for
>our hiding friend. You should have heard what I would have liked
>to say. In fact I kept it to any language that I could have used on
>the air, ...

But harsher than you would have the nerve to use or get away with
in person. Clean your own house before branding others.

>It is that he ruins the credibility of his argument by Flaming his
>message and hiding behind an anonymous server.

There were no flames besides yours.

>If you don't have the courage to stand behind your statement then you
>really just don't have a statement and you may actually harm a valid
>statement.

The earth is round. Dogs are mammals. Electricity is energy. See,
no harm done.

Lighten up Mark. The message is valid and the headers deter ads.

Date: 24 Oct 95 06:22:46 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--BAA08689.814515766/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 01:22:44 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--BAA08689.814515766/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id BAA08687 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 01:22:44 -0500
From: Ham-Equip@ucsd.edu

Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id BAA00555 for <arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 01:21:56 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu (PMDF V4.3-13 #7521) id <01HWSU1JPNLC004N6C@aardvark.ucs.uoknor.edu>; Tue, 24 Oct 1995 01:26:19 -0500 (CDT)
Date: Tue, 24 Oct 1995 01:26:18 -0500 (CDT)
Subject: Ham-Equip Digest V95 #542
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSU1JR9GI004N6C@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu (PMDF V4.3-13 #7521) id <01HWSU19KR0G0043TE@aardvark.ucs.uoknor.edu>; Tue, 24 Oct 1995 01:26:07 -0500 (CDT)
Received: by mail.ucsd.edu; id WAA12611 sendmail 8.6.12/UCSD-2.2-sun Mon, 23 Oct 1995 22:06:27 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id WAA12582 sendmail 8.6.12/UCSD-2.2-sun Mon, 23 Oct 1995 22:06:23 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 22:06:21 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #542
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240506.WAA12582@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 542

Today's Topics:
Another ICW2A Question
Apoligy to the Group
fixing swan 250c
IC-W31A Mods?
Opinions wanted: new newsgroup .forsale (2 msgs)
Returned mail: Local configuration error

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 21:31:54 GMT
From: pepperh@demo.bb.unisys.com (Hugh M. Pepper)
Subject: Another ICW2A Question

In article <SO-PATU.95Oct20101835@stekt14.oulu.fi>, so-patu@stekt14.oulu.fi (Timo Patana)
says:
>
>
>I have been trying to find a way how to disable receiving audio
>on W2 when transmitting an the other band. I have tried several
>ways how to do it, but without success so far. If somebody knows
>how to solve this, i'd like to hear from you.

Not to be simplistic here, but can't you just turn down the volume on the VFO
that you don't want to hear.. there are separate volume controls for
each VFO...

Hugh -

pepperh@demo.bb.unisys.com

Date: Mon, 23 Oct 1995 21:33:16 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Apoligy to the Group

Jay Maynard (jmaynard@admin5.hsc.uth.tmc.edu) wrote:

: It's not a problem for you at Netcom, but I can guarantee that continued
: forsale postings here _will_ make the group go away at many sites.

I have to admit, I was unaware of this problem until late in the discussion.

: During the reorganization that produced the current rec.radio.amateur.*
: groups, it was proposed that the .swap group be placed in the .amateur
: hierarchy. The consensus was that that was a Bad Idea both because hams swap
: equipment that isn't necessarily ham-specific, and because folks other than
: hams swap ham equipment. The group's placement where it is was both
: deliberate and the consensus view.

Well, even after a year, things change. I started another thread, offering
to propose the new group rec.radio.amateur.forsale, which I will check next.

BTW, I am not proposing that we dump the .swap group, only that we create a
new newsgroup that would be used for buying, selling and trading amateur
geam and related items, such as test equipment, tubes, etc. I am not saying
that this is the only answer, just that we should examine the situation as

it exists today.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: 22 Oct 1995 14:33:30 GMT
From: "Mark J. Acierno" <acierno@teclink.net>
Subject: fixing swan 250c

I bought a swan 250c about a year ago fram a ham in TX that swore that
the unit worked "the last time I turned it on" wellllll it got here and
didn't work. Being a student I didn't have the money to fix it (and
really, I still dont) Is it worth fixing or should I be looking at a new
mfj 6 m rig?? and who would I even contact about fixing it ?□are there
people that fix these older units at a reasonable cost - I still have
education bills to pay!□□

thanx
mark

Date: 23 Oct 1995 22:06:33 GMT
From: Mike Lubrecht <flowmole@accessone.com>
Subject: IC-W31A Mods?

I just bought a new Icom IC-W31A (my first ham radio on my new
technician-class ticket!) and am interested in finding out any
modifications to extend the receive range: particularly mods. that
just involve keypad inputs/system resets. I would also be interested
in hardware mods to increase the TX range, if they're not too difficult.

Either E-mail me (a preserve bandwidth) or post - I haven't seen much
info on the W-31A, so there may be others who are interested.

Thanks!
Mike

Date: Mon, 23 Oct 1995 22:29:16 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Opinions wanted: new newsgroup .forsale

Dale Chidester (chideste@xvnews.unconfigured.domain) wrote:

: Why do people have such a problem with using rec.radio.swap? Is it that they don't
: know it exists? rec.radio.swap is intended for radio sales of all types, CB,
: amateur, SWL, etc. Who needs another news group? Educate the users! FS and WTB

: belong in rec.radio.swap period, end sentence.

It probably is that they do not know that .swap exists, because it is outside of the rec.radio.amateur.* hierarchy. I, for one, would prefer to have a newsgroup that was dedicateed to sale/trade/purchase of *amateur* equipment only. What is so wrong with creating a new newsgroup with a more specific purpose?

Obviously, continuing to repeat the same dogma has not made the problem go away. Maybe nothing will.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: Mon, 23 Oct 1995 15:40:39 GMT
From: mjjohn5@lookout.mtt.it.uswc.uswest.com (Mark Johnson)
Subject: Opinions wanted: new newsgroup .forsale

In article <jlowmanDGvoHu.IH8@netcom.com> jlowman@netcom.com (Jim Lowman) writes:

>
>1) While rec.radio.swap is the correct place for such ads, it is not
>specific to amateur radio equipment.

Sense this mess started I have been paying more attention to rec.radio.swap. Most of the post do seem to relate to amateur radio equipment or at least to equipment that could be used by hams.

>
>2) IMHO, the .forsale naming convention is widespread on the 'net, and is
>more descriptive than .swap.

I agree. The normal convention for such groups on the internet seems to be forsale.

Also, as has been pointed out, rec.radio.swap does not follow the rec.radio.amateur naming convention for newsgroups related to ham radio. If someone is looking at a list of newsgroups. It does look like rec.radio.amateur.equipment would be the place for fs posts.

>
>
If there is not a need for two such groups, maybe the rec.radio.swap should be removed and rec.radio.amateur.forsale should take its place.

Thanks
73
Mark
WA0DCA

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Date: 24 Oct 95 05:02:00 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--AAA08222.814510920/ooz.backbone.uoknor.edu

The original message was received at Tue, 24 Oct 1995 00:01:59 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--AAA08222.814510920/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id AAA08220 for
<arees@ELECT1.CHEM.uoknor.edu>; Tue, 24 Oct 1995 00:01:59 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id AAA00498 for
<arees@elect4.uoknor.edu>; Tue, 24 Oct 1995 00:01:11 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSR7HW4K0004KN5@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 00:05:36 -0500 (CDT)
Date: Tue, 24 Oct 1995 00:05:35 -0500 (CDT)
Subject: Ham-Equip Digest V95 #541
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSR7HY02Q004KN5@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSR7936GG004WW0@aardvark.ucs.uoknor.edu>; Tue,
24 Oct 1995 00:05:24 -0500 (CDT)
Received: by mail.ucsd.edu; id UAA01776 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 20:52:08 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id UAA01760 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 20:52:06 -0700 for ham-equip-ddist
```

Date: Mon, 23 Oct 1995 20:52:04 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #541
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240352.UAA01760@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 541

Today's Topics:
** This Group Is Not For Sales or Purchases **
6146b neutralization---what does it do?
How Many FT-530 mods are there?
Info Needed on VE3YRC
Returned mail: Local configuration error (2 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 16:41:04 -0500
From: jmaynard@admin5.hsc.uth.tmc.edu (Jay Maynard)
Subject: ** This Group Is Not For Sales or Purchases **

In article <46gco2$a90@utopia.hacktic.nl>,
Anonymous <nowhere@bsu-cs.bsu.edu> wrote:
>This is one of the reasons anonymous remailers exist. No one would
>want this garbage in their mailbox.

The whole reason for those messages is your anonymity. If you were to post
under your own ID, you wouldn't have this problem.

I agree with the sentiments expressed, if not perhaps the language.

>The message is still the same. Ads belong on rec.radio.swap.

Yes, it is, but you are discrediting the message by your cowardice.
--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can

http://k5zc.hsc.uth.tmc.edu | adequately be explained by stupidity.
"Next tine, Pinkus, let sleeping guard dogs lie...especially if they have
three heads!" -- The Brain, _Hercules Unwound_

Date: Mon, 23 Oct 1995 13:25:28 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: 6146b neutralization---what does it do?

In article <46b3tv$c1c@ncar.ucar.edu>,
tomas@ra.cgd.ucar.edu (Bob Tomas) wrote:
>What does neutralization of a pair of 6146b tubes do?
>
>bob

The main reason for neutralization is to prevent the tube(s) from oscillating.
An additional side benefit is that it makes the point of maximum power output
and minimum plate current the same. Otherwise, the tuning would be slightly
different for each. Neutralization is almost always required for
grounded-cathode amplifiers, and sometimes for grounded-grid too.

73, Bill W7LZP
wrt@eskimo.com

Date: 23 Oct 1995 21:11:25 GMT
From: HSHK84D@prodigy.com (Philip Stockmal)
Subject: How Many FT-530 mods are there?

Hi,
I am wondering how many mods are known that are for the Yaesu FT-530 HT.
I own one and I would like to do some of these mods on my HT. If you know
of any, no matter how old the mod is please send it to me at my E-Mail
address.
Thanks in advance...

Phil Stockmal, N1TMG
HSHK84D@PRODIGY.COM
President: 21 & Under DXing & CONTESTing Club

Date: Sat, 21 Oct 95 22:14:53 GMT
From: sdavid@terraport.net (Shivantha David)
Subject: Info Needed on VE3YRC

I am looking for any information on the York Region Amateur Radio Club.
Any info on club contacts and meetings will be appreciated.

Thanks in Advance,
Shiv.

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Date: 24 Oct 95 02:55:49 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--VAA07016.814503349/ooz.backbone.uoknor.edu

The original message was received at Mon, 23 Oct 1995 21:55:48 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--VAA07016.814503349/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id VAA07014 for
<arees@ELECT1.CHEM.uoknor.edu>; Mon, 23 Oct 1995 21:55:48 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id VAA00380 for
<arees@elect4.uoknor.edu>; Mon, 23 Oct 1995 21:55:00 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSMT365IO004PWU@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 21:59:25 -0500 (CDT)
Date: Mon, 23 Oct 1995 21:59:25 -0500 (CDT)
Subject: Ham-Equip Digest V95 #539
To: arees@ELECT4.CHEM.uoknor.edu
Message-id: <01HWSMT38TYQ004PWU@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSMSVSDM80047JF@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 21:59:15 -0500 (CDT)
Received: by mail.ucsd.edu; id MAA23574 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 12:31:04 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id MAA23543 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 12:31:01 -0700 for ham-equip-ddist
```

Date: Mon, 23 Oct 1995 12:30:59 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #539
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510231931.MAA23543@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 539

Today's Topics:
** This Group Is Not For Sales or Purchases **
6146b neutralization---what does it do?
80m handies info
an HT from Hong Kong?
Dead Tubes? ? ??
Dentron Super Tuner
fixing swan 250c
FS: Icom P4AT 440 pocket size
Help: Mod 440Mhz to Australian CB Possible?
help with TINY-2
IC-706 VHF Mod
Jimmie "The Tube Man" Hawkins - What to do in this situation?
Kenwood TS-820
Military Communications Standards
Need help with ignition noise problem...
New MFJ 6 Meter SSB Rig
Opinions wanted: new newsgroup .forsale
POLARAD ESH-3
Radio Direction Finding gear.
Want: Service manual for TM-2570A
Want manual for AN/USM 117C OSCOPE
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Oct 1995 10:48:59 -0400
From: w8jitom@aol.com (W8JI Tom)
Subject: ** This Group Is Not For Sales or Purchases **

Hello,

As a new person to Internet, what I've learned here is.....

1.) The FAQ is too long and complicated to read, so it's ok to ignore it and do what ever you like.

2.) The correct way to applogize for being insulting is with another insult and a touch of superiority and more name calling mixed in.

3.) If I'm doing something wrong, and someone else corrects me in an inappropriate manner, my response should be it to continue doing the wrong thing on purpose to "teach my rival or subordinate a lesson" without regard for my own ill-behavior. The ability to show someone else "I don't have to listen to my underlings" would supersede maturity in this situation, and excuse any poor behavior on my part.

4.) The people that cause or create all problems are from AOL or other easy access services. Without them, none of this would occur.

5.) This group is really not for sales or purchases.

Do I have it all correct?

73 Tom

Date: 22 Oct 1995 00:57:35 GMT
From: Floyd Sense <sentek@nando.net>
Subject: 6146b neutralization---what does it do?

The purpose of neutralization of any rf amplifier stage is to balance out effects of the grid-plate capacitance coupling in the amplifier. One of the effects of an un neutralized amplifier is the possibility of the stage breaking into oscillation. I suggest that you follow the neutralization procedure described in the transmitter manual. It's not a difficult thing to do.

Date: 23 Oct 95 09:52:51 GMT
From: aaguirr@aleph.FI.uba.AR (Anibal Aguirre)
Subject: 80m handies info

hi: i`need information about 80m or 80m and 40m handies (xtal or synth).
i`m not crazy.
i`need a dealer address or a factory address about this ht.
plase replay me by e-mail, because n`t have usenet accsess.
thanks for your time.
anibal aguirre. aaguirr@aleph.fi.uba.ar
LU4DVJ

Date: 23 Oct 1995 15:02:54 GMT
From: bobw@col.hp.com (Bob Witte)
Subject: an HT from Hong Kong?

David Cripps (d-cripps@dircon.co.uk) wrote:

: One thing's for sure - you will have a fantastic choice of radios! I felt guiddy
: every time I went shopping.

<snip>

: There are stories abound of people getting ripped off (especially in electrical shops),
: if it's anything to go by I didn't buy anything while I was there - the fantastic cheap
: bargins everybody hears about arn't there. The prices seem to be the same as
: in the UK (eg the newish Sony SW-100 was about 240 sterling).

: Save your self a LOT of hassle and buy local - and start up a friendship with the local
: ham store owner - much better in the long term.

After watching the discussion on this topic, my thoughts condense down
to this advice:
Enjoy the shopping experience (the variety of radios, old and new mixed
in with walkmans and electric razors) but buy very selectively (the
occasional good deal might show up but don't plan on a major radio
shopping trip).

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

Date: 22 Oct 1995 00:45:12 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Dead Tubes? ? ??

Agreed. Don't remember what kind of rig was mentioned, but, if it's a
Heath kit, chances are about 100 percent that what you say is true.

Date: 23 Oct 95 12:54:57 GMT
From: rogers@eng15.rochny.USpra.abb.COM (Bill_Rogers)
Subject: Dentron Super Tuner

Hi All:

Perhaps someone familiar with the Dentron Super Tuner could answer a few questions for me. I just found one for sale at a reasonable price but the owner could not answer my questions. Does anyone know the ratings? Does is have a roller inductor? What does the tuning circuit look like, i.e. transmatch... Has anyone modified one to 160m?

Thank you,
Bill KA2CKI

Date: Mon, 23 Oct 1995 01:21:19 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: fixing swan 250c

In article <46dknq$b08@felix.teclink.net> "Mark J. Acierno" <acierno@teclink.net> writes:
>I bought a swan 250c about a year ago fram a ham in TX that swore that
>the unit worked "the last time I turned it on" wellllll it got here and
>didn't work. Being a student I didn't have the money to fix it (and
>really, I still dont) Is it worth fixing or should I be looking at a new
>mfj 6 m rig?? and who would I even contact about fixing it ?□are there
>people that fix these older units at a reasonable cost - I still have
>education bills to pay!□□

"Didn't work" isn't very descriptive. What are the symptoms? These
rigs are pretty simple. You can certainly fix most problems yourself.
I wouldn't give up on it unless it had something like a fried power
transformer or some other part that's impossible to get from a now
defunct manufacturer.

This *is* amateur radio. You really should try to do more than
turn the knobs on the front. Fixing old rigs is a good introduction
to the workings of radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Oct 1995 07:18:41 -0400
From: rbryanj@aol.com (RBryanJ)
Subject: FS: Icom P4AT 440 pocket size

Hi Bryan here,

I have a mint P4AT, 100 channel with PL, DTMF, Scan, etc. Unit is a spare
used very little around the house. Includes softcase, original box and
manuals and wall charger.

Asking $220.00 shipped 48 states

Date: 23 Oct 1995 07:25:48 GMT
From: Chris Arai <arai@rahul.net>
Subject: Help: Mod 440Mhz to Australian CB Possible?

I would like to know if it is possible to modify a 440Mhz hand held to
work well on the Australian CB band. I believe it is about 470 Mhz, but
I'm not sure. If anyone knows the answer to that question as well I
would appreciate it.

Thanks

Chris

arai@rahul.net

--
Chris Arai <arai@rahul.net>

Date: Mon, 23 Oct 1995 01:14:33 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: help with TINY-2

In article <Pine.A32.3.91.951022003840.34003B-100000@academ03.mty.itesm.mx> XE2MXU/N5UHB
<fjorozco@academ03.mty.itesm.mx> writes:
>
>Hi all, here's another 'help-me!!' message:
>
>This time it's about a TINY-2 TNC. The thing connects and accepts
>connections and everything else, BUT, the damn thing doesn't print
>anything on my screen. I can go a ^C, and then 'c xe2xxx', and I will
>the the packets being exchanged, and the 'connect' LED will light up, but
>absolutely nothing shows on the screen. I've tried using procomm,
>Windows Terminal, and a few other dumb terminal programs with no luck.
>(Oh, I also tried XPCOM but couen't get it to acknowledge the tnc)
>
>Any ideas on this one?

Well you've probably got a flow control problem, though broken
hardware is also a possibility. You know you can send to the TNC,
and it behaves as expected in response to commands. Now have you
rechecked your serial cable wiring? The simplest thing when you
suspect flow control problems is to use a 3-wire connection,
gnd, TxD, and RxD only. The Tiny 2 is happy with this, but your
computer software has to be setup to ignore flow control. Procomm
lets you do that, and I expect the others do too.

If your computer has a DE-9 connector for serial use, just wire
pins 2,3,5 of the computer to pins 2,3,5 on the TNC. It should
talk if you've disabled flow control in your computer software.
When you power up the TNC, you should see the sign on banner
printed on your screen.

If your computer has a DB-25 serial connector, then you need
to wire it differently. Wire pin 7 of the computer connector
to pin 5 on the TNC. Pin 2 on the computer to pin 3 on the
TNC. And pin 3 on the computer to pin 2 on the TNC. Note that
pins 2 and 3 are reversed. Again, with flow control disabled
in your software, you should see the sign on banner print on
your screen when you power up the TNC.

If you don't see the sign on banner, then you probably have
a hardware fault. It could be the serial port on the computer,
have you tried that with some other serial device like a telephone
modem? Or it could be a problem in the Tiny 2. You'll have to
get out the test equipment and track that down.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 22 Oct 1995 15:26:10 GMT
From: "Stephen C. Gross" <sgross@enet.net>
Subject: IC-706 VHF Mod

I need the mod to allow out of band transmit on VHF for the IC-706.
I have already done the HF mod.

-steve

Stephen C. Gross
Pilot B737
America West Airlines

Date: Sat, 21 Oct 1995 23:52:35 GMT
From: wrt@eskimo.com (Bill Turner)
Subject: Jimmie "The Tube Man" Hawkins - What to do in this situation?

In article <465r1u$3k3@newsbf02.news.aol.com>,
grauzer@aol.com (Grauzer) wrote:
>In an effort to save some money, I bought EL34 output tubes from Jimmie
>Hawkins, usually a seller of ham radio tubes at Southern California swap
>meets. I received the tubes mail order, having been told they were new.
>The tubes were blackened at the tops, clearly had been used, and when I
>called him, I was told that they are new, but I should try them, and if I
>don't like them, to return them and I'd get my money back. I tried them,
>blew fuses in my amp, and sent them back. He told me I had blackened the
>tubes, he could no longer sell them and sent them back to me. Have any
>others had problems with this guy? Perhaps at this point, the most I can
>do is tell others to be wary when dealing with him, so that someone else
>doesn't also get screwed.
>Dave

Not trying to defend 'ol Jimmie, but "blackened" is normal for nearly all
receiving tubes. Not always at the top, but always there somewhere. As part
of the manufacturing process, they induce a high current pulse into a part

inside the tube known as a "getter", and it flashes and burns up any stray gas, thereby increasing the vacuum. The black stuff is the vaporized getter.

If a tube loses it's vacuum, the black part will turn gray -- a sure sign of a bad tube. If that's what you have then yes, they're no good.

73, Bill W7LZP
wrt@eskimo.com

Date: 22 Oct 1995 01:03:54 GMT
From: Floyd Sense <sentek@nando.net>
Subject: Kenwood TS-820

The price is good. Wonder if it's a TS-820S with the digital readout? The digital readout circuit board was troublesome with poor solder connections and often requires some work to make the display function. You might want to contact Internation Radio in Port St. Lucie, Florida. They used to publish a Kenwood Users newsletter and used to sell a collection of the newsletter articles that dealt with the TS-820 specifically. There were a lot of shortcomings with the rig, but the suggestions in the newletters go a long way towards making it a very good rig. There was also an article or two in CQ or QST in the early eighties. One of them dealt with adding the WARC bands to the rig. Not for the feint of heart, but I was able to do the mod and it worked very well. International Radio also used to sell good SSB and CW filters for the rig. They also repair Kenwood gear. 73, K8AC in North Carolina

---

Date: 23 Oct 1995 04:05:44 -0400
From: screa@aol.com (Screa)
Subject: Military Communications Standards

I think mil spec 810 has to do with shock/vibration tests. Which does not mean that the radio is type accepted for anything but ham use.
KB6VTU.

Date: Sun, 22 Oct 1995 05:39:04 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Need help with ignition noise problem...

In article <xBLFQPE.mlazaroff@delphi.com> mlazaroff@delphi.com writes:
>I've done the following so far:
>
>new resistor plugs and cables
>coaxial feed-thru caps on the ignition leads and alternator
>bonding straps on the engine, hood, trunk, exhaust system,
> doors, fenders, and bumpers

Have you replaced the distributor *cap*. Often, carbon tracking
in the cap is the source of ignition noise. (Of course this could
be one of those engines with no distributor, but it's worth a shot.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 19 Oct 1995 18:26:24 GMT
From: andy@clark.net (andy)
Subject: New MFJ 6 Meter SSB Rig

James W. KELLEY (jwkelley@e4e.oac.uci.edu) wrote:
: The latest QST has an MFJ ad for a 6 meter (50-50.3MHz) SSB 10 watt radio
: for $259 with a mic. Does anybody know about this one yet?

Well, we do now. After reading previous posts on this subject, it appears
that MFJ may not be quite ready to ship the units. But that's ok;
pre-production advertising is really not that uncommon, providing the
consumer is advised accordingly.

I think these little cheapie SSB/CW rigs are a great idea for the QRP
fans. However, I am a bit surprised at their choice of bands. After having
produced a 20 meter version, I would have guessed that a 10 or 15 meter
unit would be next on the list, given that there may be a bit more
activity on these bands.

andy

Date: Mon, 23 Oct 1995 16:29:09 GMT
From: k2ph@dxis.monroe.pa.us (Bob Schreibmaier)
Subject: Opinions wanted: new newsgroup .forsale

Date: 23 Oct 1995 08:01:22 -0400
From: radiomatt@aol.com (Radiomatt)
Subject: POLARAD ESH-3

Anybody know someone who has one?

Date: 23 Oct 1995 04:01:30 -0400
From: k5qq@aol.com (K5QQ)
Subject: Radio Direction Finding gear.

The Albuquerque T-Hunters were thinking the same thing about the two
articles. Quite a few of us have dopplers and when we looked at the

circuit boards and the "stuff" in the boxes, it did not appear to be any cheaper to build than a kit doppler.

Seemed like the two designs were very creative, but when you read the process to understand if the signal was "behind" you and the way you would have to turn around etc, it seems it's not very operationally effective.

I have one of the AB5CK dopplers and it works very good. No problem at any time determining where the signal appears to be coming from. I use four of the Hustler small 1/4 mag mounts and at $17, they are great. The PIN diode and the resistor mount in the base and so I don't even have a switching box on the roof.

I have both of the DF'er used in the articles and have played with them extensively, including the approach of putting them on a rotating mast and turning the mast to the signal null. In a real world environment, the multipath is the biggest issue and to be able to look at a display and realize that is what you are seeing and to determine when it seems you have a direct signal is of utmost importance.

The bottom line is that both work very well for the end point sniff, primarily because they continue to work right up to a transmitter. The The beam and attenuator technique suffer from the signal getting into the radio when you are close.

I don't want to criticize those who are energetic and build stuff, primarily cause I do a lot of fiddling myself, but I'm too lazy to write it up!! However, I think it is incorrect to say these two designs are cheaper than a doppler. However, if their only experience in the costs of a doppler are from looking at the costs of factory assembled units, then I understand the issue.

Adios all
Jim K5QQ

Date: Sat, 21 Oct 95 14:27:19 GMT
From: nadzam@garlic.com (Bill Nadzam)
Subject: Want: Service manual for TM-2570A

Subject says it all, I need a service manual for the Kenwood 2 meter radio "TM-2570A". If you have one, even a copy I'll buy it.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

Date: 22 Oct 1995 00:25:44 GMT
From: gcouger@jsun.agen.okstate.edu (Gordon Couger)
Subject: Want manual for AN/USM 117C OSCOPE

I have a couple of these scopes and need the manual to fix one of them.

Thanks
Gordon
AB5DG

Gordon Couger - Biosystems & Ag Engineering Oklhoma State Univ.
114 Ag Hall, Stillwater, OK 74078
Home 624 Cheyenne, Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405-624-2855 evenings 405 744 8392 work
I do not speak for my employer

Date: Sun, 22 Oct 1995 00:01:23 GMT
From: d90thoah@ida.liu.se (Thomas Ahlblom)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Hello!
I would like to how much a Kenwood HF rig costs in the US.

Can you give me a clue? Its not necessary to tell me where to get the
cheapest rig - I just want to know the approximate price.

I'm interested in the following rigs:
Kenwood TS-450AT, TS-850AT and TS-870.

Tnx in advance & 73

de Thomas / SM5VOH

Internet: d90thoah@und.ida.liu.se
AX25: SM5VOH@SK5AS.E.SWE.EU

Date: (null)
From: (null)

I think you hit the nail on the head. I suspect the big problem is
that newcomers don't know about rec.radio.swap. It's not even in the
same hierarchy as the amateur radio groups. Newbies come in, see the
rec.radio.amateur hierarchy, see no forsale group, but see an equipment
group and think this must be the place. It's an easy mistake to make.

Yes, if they read the Guide to the Personal Radio Newsgroups they
wouldn't make the mistake. The Guide has lots of very useful info.
Unfortunately, the Guide is some 200+ lines in length. I wonder how
many people actually read it. Probably not many.

I would support a rec.radio.amateur.forsale newsgroup. I think this
would be far more intuitive for newcomers to figure out. Perhaps a
short, weekly "charter of the newsgroups" message would be useful as
well -- provided the author signs his/her/its name. 8^{)

73,
Bob K2PH

--
+------------------ \-\-\-\ ----------------------------+
Bob Schreibmaier K2PH	E-MAIL: k2ph@dxis.monroe.pa.us
(a.k.a. "The QRPer")	ICBM: 40o55'N 75o30'W
Kresgeville, PA	Euthanize the Limbaugh Loonies.
+---+

End of Ham-Equip Digest V95 #539
****

--VAA07016.814503349/ooz.backbone.uoknor.edu--

Date: 24 Oct 95 03:46:10 GMT
From: MAILER-DAEMON@uoknor.EDU (Mail Delivery Subsystem)
Subject: Returned mail: Local configuration error

This is a MIME-encapsulated message

--WAA07851.814506370/ooz.backbone.uoknor.edu

The original message was received at Mon, 23 Oct 1995 22:46:09 -0500
from root@elect4.chem.uoknor.edu [129.15.12.64]

----- The following addresses had delivery problems -----
<arees@ELECT1.CHEM.uoknor.edu> (unrecoverable error)

----- Transcript of session follows -----
554 MX list for elect1.chem.uoknor.edu. points back to ooz.backbone.uoknor.edu
554 <arees@ELECT1.CHEM.uoknor.edu>... Local configuration error

----- Original message follows -----

--WAA07851.814506370/ooz.backbone.uoknor.edu
Content-Type: message/rfc822

Return-Path: Ham-Equip@ucsd.edu
Received: from elect4.chem.uoknor.edu (root@elect4.chem.uoknor.edu [129.15.12.64]) by
ooz.backbone.uoknor.edu (8.6.12/8.6.12) with SMTP id WAA07849 for
<arees@ELECT1.CHEM.uoknor.edu>; Mon, 23 Oct 1995 22:46:09 -0500
From: Ham-Equip@ucsd.edu
Received: from aardvark.ucs.uoknor.edu (aardvark.ucs.uoknor.edu [129.15.10.11]) by
elect4.chem.uoknor.edu (8.6.12/8.6.9) with ESMTP id WAA00415 for
<arees@elect4.uoknor.edu>; Mon, 23 Oct 1995 22:45:21 -0500
Received: from aardvark.ucs.uoknor.edu by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSOKKCKUO004LL4@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 22:49:49 -0500 (CDT)
Date: Mon, 23 Oct 1995 22:49:49 -0500 (CDT)
Subject: Ham-Equip Digest V95 #540
To: arees@ELECT4.CHEM.uoknor.edu

Message-id: <01HWSOKKEGDE004LL4@aardvark.ucs.uoknor.edu>
X-Envelope-to: arees@elect4.uoknor.edu
X-VMS-To: IN%"Ham-Equip@ucsd.edu"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Return-path: <owner-ham-equip@ucsd.edu>
Received: from mail.ucsd.edu (ucsd.edu) by aardvark.ucs.uoknor.edu
(PMDF V4.3-13 #7521) id <01HWSOKAE3RK004GG7@aardvark.ucs.uoknor.edu>; Mon,
23 Oct 1995 22:49:36 -0500 (CDT)
Received: by mail.ucsd.edu; id TAA10270 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 19:15:20 -0700 for ham-equip-list
Received: by mail.ucsd.edu; id TAA10196 sendmail 8.6.12/UCSD-2.2-sun Mon,
23 Oct 1995 19:15:15 -0700 for ham-equip-ddist
Date: Mon, 23 Oct 1995 19:15:09 -0700 (PDT)
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Subject: Ham-Equip Digest V95 #540
Sender: ham-equip-relay@ucsd.edu
To: Ham-Equip@ucsd.edu
Errors-to: ham-equip-relay@ucsd.edu
Errors-to: Ham-Equip-Errors@ucsd.edu
Reply-to: Ham-Equip@ucsd.edu
Message-id: <199510240215.TAA10196@mail.ucsd.edu>
X-Envelope-to: arees
Content-transfer-encoding: 7BIT
Precedence: List
Precedence: List

Ham-Equip Digest Mon, 23 Oct 95 Volume 95 : Issue 540

Today's Topics:
(no subject)
** This Group Is Not For Sales or Purchases **
an HT from Hong Kong? (2 msgs)
Dead Tubes? ? ??
FREQUENCIES ????
FT-11R Sub-audible tone NOT!
Ft530 Mods?!!
Ham Swap Meets in Denver Area
Heathkit DX35 tranciever; Antique wind-up Morse code training thing
help plastic power connectors
HELP PLEASE! - Old RCA Senior Volt-Ohmist
IC-706 HF Rig Features
Need help with ignition noise problem...
Need some info on Kenwood SP940 speaker
Opinions wanted: new newsgroup .forsale
Radio Direction Finding gear.
unsubscribe
Wanted:HP 8555
What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

WWW Pentone

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 Oct 1995 15:15:31 GMT
From: nelson@fdt.net
Subject: (no subject)

I have a Phillips AM-FM Deluxe radio with five short wave bands. It is
about twenty years old and has developed a whooshing noise on all bands
all the time. I live in Gainesville Fl. I don't think there is a radio
repair store in town. Can old radios still be repaired? or do I have to
junk it?

Date: 23 Oct 1995 18:01:45 GMT
From: bobw@col.hp.com (Bob Witte)
Subject: ** This Group Is Not For Sales or Purchases **

W8JI Tom (w8jitom@aol.com) wrote:
: Hello,

: As a new person to Internet, what I've learned here is.....

<snip>

: 5.) This group is really not for sales or purchases.

: Do I have it all correct?

You got the most important one correct. If we could all get
THAT one straight, it would be a great start.

Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

Date: 21 Oct 1995 17:09:22 -0700
From: ad7k@bighorn.accessnv.com (Squeak Porray)
Subject: an HT from Hong Kong?

If you want my name just ask. (timhynde@ix.netcom.com) wrote:

: >to Hong Kong soon and am interested in shopping for an HT. What can
: you

: >advise me about:

: I'd save myselft the trouble and buy from a stateside distributor,

Comments from a "Stateside distributor", who has had experience both ways ...

If you buy a radio from someone you never saw before, and never expect to see again, all he is going to be interested in is getting your money out of your wallet and you on your way.

If you buy from a local (or regional) dealer, you are buying from someone who wants to see YOU happy, since he hopes that you will come back again and again, for all those accessories, mobile radios, antennas and the like that we hams always need to add to our collection.

If you bring in an oversees "Yaekenicostanco" radio, you will have NO US warranty - the American distributors warrant only those radios that they import, and quite possibly might not service them - they are completely within their rights to do so. There very well may be (as has been in the past) board or component differences between various versions of the radio destined for different countries, thus compounding the situation. (Some manufacturers have had up to five different versions of the same radio - with each version destined for a different market area, with different regulations.)

If you buy the radio from a local (or regional) dealer, you have someone you can go to with questions and problems ... but long-distance calls to Hong Kong to get answers to a question get expensive - to say nothing of "how do you ask someone how to program odd splits for repeaters into your new handy - when he is only really fluent, technically, in Chinese?"

I doubt that you will find any significant price differentials in buying in Hong Kong ... that was true years ago (I was there during the VietNam era), but not now, with the global economy/distribution situation now in existance. However, you can find real bargains in Hong Kong on things that are local-labor-intensive (like tailored suits for example).

Enjoy your trip ... take the tram to the top of Victoria Peak and let me know if the view is still as grand as it was on Christmas Day of 1972 ... and good luck to you!

Very 73,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

ps: I hope you don't think I am touting just our company ... in the above, I speak for the Amateur Radio community in general, and I think that it speaks for all domestic Amateur Radio Dealers as well.

Date: Mon, 23 Oct 1995 18:50:11 GMT
From: rafaels@zimmer.CSUFresno.EDU (Rafael Solis)
Subject: an HT from Hong Kong?

In article <46b7s9$lmj@ixnews5.ix.netcom.com> timhynde@ix.netcom.com (If you want my name just ask.) writes:
>
>>to Hong Kong soon and am interested in shopping for an HT. What can
>you
>>advise me about:
>
>
>I'd save myselft the trouble and buy from a stateside distributor, I've
>heard of guys buying overseas HF gear with features or bands not avail.
>in U.S but I've never heard of any great bargains. What you save by
>shopping Hong Kong may cost you quickly if you have a problem or need
>an accessory for the radio.
>
>I have a Kenwood Dual band HT and like it alot.
>
>73, Tim ka8ddz

I agree with Tim. I've been to HK several times on business trips and it is not worth the hassling of dealing with the salesmen over there (prices are not fixed and you have to deal, yes as in bargaining!). Also there is the problem of the warranty. I don't think any of the major brands (K,I,Y) honor warranties of any equipment bought overseas. What I have bought though are accessories. Bring your AES catalog to check the price differences. Some things are cheaper there but others are around the same or even higher depending on the store. Another suggestion is to get away from the Nathan Rd. stores, those are usually overpriced.

Have fun in HK.

Rafael (KE6JSR)

Date: Sun, 22 Oct 1995 16:05:05 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Dead Tubes? ? ??

In article <46bhjh$b3m@ixnews7.ix.netcom.com> scibelli@ix.netcom.com (Christopher Scibelli) writes:
>>On 18 Oct 1995 18:13:19 GMT, Floyd Sense <sentek@nando.net> wrote:
>
>>>Check the output power on 10 meters. If it's not up to spec there but is
>>>on the lower bands, you may need new finals. If you don't have a
>>>reliable watt meter, use a 100 watt light bulb as a dummy load and fire
>>>it up on 10 meters. If it appears to be fully bright, you're probably
>>>OK. 6146Bs tend to last a long, long time if not abused.
>

>Does this work for transistor rigs as well? My IC735 is now only
>putting out half power on 10, 3/4 power on 12 and full power on the
>other bands.

You need new 6146s in your IC735! :-)

Transistor finals generally don't "go soft" the way tubes do, so
this test isn't very useful for transistor rigs. Your symptom
could be the result of reduced PA gain, due to an internal
emitter ballast resistor failure, but it's probably another
cause. You might check the bandpass filter switching in the rig
for the two highest bands. And you might want to look at the
drive level from the low power stages. A hint to where the
trouble may lie would be whether this condition appeared
suddenly or had a gradual onset.

There may also be no problem with the rig at all. It may be doing
power foldback due to VSWR on the two highest bands. Are you testing
into a known good dummy load? No tune rigs won't work well at all
using a lightbulb for a dummy load. It's not even close to their
design output impedance. Lightbulbs work fine as crude loads on
the older rigs with tune and load controls, but not on the no tune
rigs. They have to see the right impedance, or they'll foldback
power.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 23 Oct 95 19:19:06 GMT
From: walter@idirect.com (SLEDDER)
Subject: FREQUENCIES ????

Can somone give me a list with the bands and their corresponding
frequencies.

PLEASE & THANK YOU

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo---
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***

THINK SNOW ! ! !
=A9 Copyright 1995

Date: 23 Oct 1995 19:26:00 GMT
From: ydtlzmj@news.atglab.bls.combst.bls.com (Victor Gregg)
Subject: FT-11R Sub-audible tone NOT!

I have a friend here in Atlanta who has a FT-11R that
you can hear the CTCSS (should be sub audible) tone.

On very good repeaters, the tone noise is quite loud,
and at best annoying.

I have a FT-51R which does not have this problem.

Are there other Yaesu FT-?1R users with similar experiences?

Is there any adjustment my friend might make on his FT-11R?

Thanks,

Victor KF4BUX Gregg

Date: 21 Oct 1995 16:45:09 -0700
From: ad7k@bighorn.accessnv.com (Squeak Porray)
Subject: Ft530 Mods?!!

rossr (rossr@tcs.com) wrote:
: Hi, I recently bought an FT530, I also modified it for extended rxcv,
: however, the 900 mhz band does not rxcv as it does on a friend's
: FT530. --==> snip

This is as it should be ... Congress passed a law several years ago that
made it illegal to manufacture (if domestic) or import (if from overseas)
any receiver that receives, or can be modified to receive, cellular
telephone conversations ... following up on the Electronic Privacy Act,
which makes it illegal to actually receive cellular telephone
conversations themselves. This prohibition went into effect in April of
1994 ... stocks on hand could be sold off, but nothing
imported/manufactured after that date could be sold. There is no
modification possible on these receivers, since the law was very specific
in making sure that modification was impossible. If 800 MHz receive is
important to you, your only hope is to find a radio made or imported
before April of 1994 (i.e., pre-Lot 20 for an FT530), and hope you want
it more than its current owner ($$$$$)!

73 and good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

Date: 23 Oct 1995 20:48:00 GMT
From: jmoody@denadm.ms.ch2m.com (Joe Moody)
Subject: Ham Swap Meets in Denver Area

I would like to find an upcoming ham radio swap meet in the Denver area.
I also need to find someone to repair a Drake TR-7.

Please E-mail me, as I do not always read this newsgroup.

Thanks in advance for you help,
-
Joe Moody
(jmoody@denadm.ms.ch2m.com)

Date: Mon, 23 Oct 1995 19:23:33 GMT
From: al564@FreeNet.Carleton.CA (John Rakos)
Subject: Heathkit DX35 tranciever; Antique wind-up Morse code training thing

Thesed items are for sale for $50 each.

The DX35 has Q-mult and antenna
multiplier with
it. This transciever has crystals that you plug intothe back; comes with
lots of crystals. I do not know enough about trancievers to see if it
works - the tubes light up.

The morse code trainer comes with the paper tapes with holes...some new
tapes with no holes!

--
John J. Rakos & Associates Consultants Ltd.
Project Management Consultants, 14 Palsen St., Ottawa, ON, Canada
Phone or Fax: (613) 727-1626

Date: 23 Oct 1995 21:12:17 GMT
From: w2gma@ix.netcom.com (MELVIN TOREN)
Subject: help plastic power connectors

Hi and thanks for reading this. I am looking for a source of the
plastic two pin connectors that most of the manufactures are using for
power cables on their vhf and uhf radios. I have an old radio that i
had jones plugs on that i would like to change to the newer design but
have been unable to acquire the plugs. Any help greatly appreciated.

Thanks,

mel, w2gma...

Date: 23 Oct 95 15:04:14 CDT
From: Dick Harper <dharper@kumc.wpo.ukans.edu>
Subject: HELP PLEASE! - Old RCA Senior Volt-Ohmist

I thought I might be able to restore the above after getting it in
a lot of test equip. at a Hamfest.

Since it had some corrosion on the bottom of the from panel I opened
it to find a corroded Alkaline 1.5v cell soldered in place. While
the battery bracket looked original the cell wasn't.

The unit is AC operated with one 12AU7, and two 6AL5 tubes.

I can't get it to calibrate high enough on the DC ranges. ie, at
a 1.48v source the best I can get the meter to read is about 1.3v.

Also while I can get a zero ohms with the probes shorted I can't get
infinity on the high end.

Any idea what type of battery should be in it?
Do you think new tubes would help?
Do you think the capacitors are so old they should be replaced?
Am I wasting my time on this thing?

Thanks for reading and your thoughts. Please reply by e-mail to:

dharper@kumc.wpo.ukans.edu

73's de N0USP,
Dick

Date: 23 Oct 95 17:30:32 GMT
From: aust@gandalf.sp.TRw.COM (Mike Aust)
Subject: IC-706 HF Rig Features

I ran the AT-50 with the Special cable which allows to run directly
off 12V, then manually switching to the desired band, I had the tuner
automatically tune for low VSWR with the IC-706. I think the AT-50 is a real
good tuner to be used with the New Icom IC-706 HF rig, but this tuner
does not cover 6 meters!!
73's
Mike
W6TR
In article <9510222046.AA20001@haldir>, aust@gandalf.sp.TRw.COM (Mike
Aust) wrote:
> It will overload , my TS-50 also did overload, i.e. 80 and 160 meters, but
> when I used the Kenwood AT50 Antenna Tuner with the Kenwood TS-50, it
was pretty
> good.

Mike-

I currently use the TS-50 with the AT-50 in my car. There are about 15
people ahead of me on the AES/Orlando waiting list for the IC-706, with a

shipment expected in about a week.

I wonder what is involved in using the AT-50 with the Icom? I would think you might at least need a special cable.

I agree with your comment about the TS-50's SSB filter. I plan to get the narrow SSB filter for the Icom's narrow filter position, with intent of possibly installing it in place of the existing filter. If this works out, I would then get a CW filter to go in the narrow position. Does this sound feasible?

73, Fred, K4DII

Date: Sat, 21 Oct 95 23:50:52 -0500
From: mlazaroff@delphi.com
Subject: Need help with ignition noise problem...

I have a 1988 Chrysler LeBaron with the 2.2L
turbocharged 4-cyl engine.
I've been unsuccessful in ridding it of ignition noise
in my HF mobile setup (FT900 with screwdriver antenna).
Even the AM broadcast radio suffers from the noise.
It does appear to be ignition noise, as it is the classic
"popping" and "hash" that varies with engine speed.
There is no alternator whine. The noise is not present
when the antenna is disconnected (i.e., it's being picked
up by the antenna and not coming in thru the power leads).
The rig's power cable is wired directly to the battery with
heavy, high-quality wire.

I've done the following so far:

new resistor plugs and cables
coaxial feed-thru caps on the ignition leads and alternator
bonding straps on the engine, hood, trunk, exhaust system,
doors, fenders, and bumpers

Starting the engine increases my noise level from S0/S1
to S4/S5. It's worst on 10, 15, and 20. There seems to be
little problem on 75 and 40; the rig's noise blanker eliminates
the noise there but is only partially effective on the higher
bands. With the noise blanker off, the noise is S7 and makes
mobile operation effectively impossible.

Out of the several cars I've operated mobile from, this is the
first one (and hopefully the last!) that has defied my efforts
to
"quiet it down". Anyone out there have any ideas/suggestions
other than the obvious "get rid of it and buy another car" :)?

73, Mike KB3RG

Date: Mon, 23 Oct 1995 18:58:31 GMT
From: dgf@netcom.com (David Feldman)
Subject: Need some info on Kenwood SP940 speaker

I picked up one of these w/o docs. Would someone care to send me the specs
or a copy (by fax maybe?) or please let me know by e-mail the specs around the
HIGH1, HIGH2 and LOW controls and the "line out" connector on the rear?

Thanks,

73 Dave WB0GAZ dgf@netcom.com

Date: Mon, 23 Oct 1995 22:20:27 GMT
From: jlowman@netcom.com (Jim Lowman)
Subject: Opinions wanted: new newsgroup .forsale

Dan Brown (danb@a.crl.com) wrote:
: jlowman@netcom.com (Jim Lowman) wrote:

: >1) While rec.radio.swap is the correct place for such ads, it is not
: >specific to amateur radio equipment.

: From other discussions I've seen, this was intentional--amateurs use
: lots of non-ham equipment (Motorola UHF and VHF business-band radios,
: for instance). Most of the stuff I've seen in r.r.swap would be
: appropriate in a group in the .amateur hierarchy, either because (1)
: it is ham gear, (2) it can be modified to work in ham bands, or (3) it
: would be used in connection with ham gear.

What I would propose is that any amateur or related gear - anything that
facilitates the operation or maintenance of an amateur radio station - would
be "on topic." This could include, but not be limited to, test equipment,
replacement parts, commercial gear that could be converted to operate on the
authorized amateur frequencies - you get the idea.

: .swap, .marketplace, and .wanted are about as common as .forsale.
: Construed strictly, .forsale neglects "wanted" posts (and vice versa).
: For accuracy's sake, .marketplace seems like the best choice, but I
: think any of the four is about equally descriptive.

OK, I am not hung up on the actual name; whatever everyone feels is right, is
fine with me.

: >3) Hopefully, we could guide individuals and commercial advertisers to this
: >new newsgroup, thus restoring rec.radio.amateur.equipment to its intended
: >purpose.

: The same is true of rec.radio.swap.

: >For the record, I don't think posting of ads is going to stop, even with the
: >flaming that is going on, unless there is a channel for advertisers to use.

: There is such a channel, though.

: The only real advantage I can see to rec.radio.amateur.{swap |
: marketplace | forsale} is that it would put a group with the other
: amateur groups, while the r.r.swap is detached a bit in the
: alphabetical list. When I saw the list of rec.radio.amateur groups, I
: went looking for a for-sale group, but apparently others don't bother.
: I tend to doubt they'd bother anyway, but I'm rather cynical that way.

When I first subscribed to the desired groups in rec.radio.amateur*, I looked for a .forsale or similar group. It was not until I noticed some retailer being flamed *on the newsgroup* for posting an ad, that I became aware of the .swap newsgroup. The considerate/experienced net user would probably look for, and find, a .forsale group if it were in the same hierarchy. The clueless will remain so, no matter what we do. Even if this proposed new group does not come to pass, I would hope that we could agree to stop flaming the advertisers on the newsgroup itself. I would hate to put all the net cops in a killfile, because they might just have something worthwhile to say down the road.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

---

Date: Mon, 23 Oct 1995 13:44:20 -0500
From: mmusick@talx.com (Mike Musick)
Subject: Radio Direction Finding gear.

> In the November issuse of QST and 73 magazines are a couple of very
> interesting RDF (Radio Direction Finding) projects. The projects are
> entitled "The Four-Way DFer" and "Poor Man's Doppler".

You were being kind, Tom. The "Poor Man's Doppler" is aptly named, because not only do you have a big construction project, it's built around the Ramsey DF kit which will set you back $70 before you even start. By the time all is done, you *will* be poor if you weren't before.

When I saw Malcomb present "The Four-Way DFer" at Dayton this year, I had to ask myself "Why bother?" Not to detract from his efforts, but in the end his dual TDOA is more complicated than a Roanoke and has less resolution to boot. Attempts to increase the resolution beyond the 8 compass points on the "4-Way" become immensely complicated, too, because the L-R and F-B proportioning is nonlinear and therefore has to be calculated or compensated.

Your kit version of the Roanoke is a better deal all around. I've got three foxhunting friends with 'em and they're almost as good as my modified Atlanta kit. ;-)

> It is fun to share one ham's comment: "Dopplers are LETHAL when it comes
> to tracking down trouble makers".

Fer sure!
...mm

==========
Mike Musick/N0QBF |
71301.3106@compuserve.com | [Insert usual disclaimers here.]
mmusick@talx.com |

Date: 23 Oct 95 21:50:05 GMT
From: am257@detroit.FReenet.ORG (Tim English)
Subject: unsubscribe

unsubscribe

Date: Tue, 17 Oct 1995 21:24:00 MST
From: mater@primenet.com (Eric Nelson)
Subject: Wanted:HP 8555

I am interested in purchasing a working HP 8555 RF plug in for the 141T based
HP spectrum analyzer. Please e-mail any info.

Thanks

Eric Nelson

Date: 23 Oct 95 19:22:14 GMT
From: walter@idirect.com (SLEDDER)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Try http://www.hamradio.com

Enjoy.!

-

When you're through changing, you're through.

CHECK OUT MY HOME PAGE& HOT LINKS @
http://www.idirect.com/users/walter.html
|___/|
| o o |
----oOO-------OOo----------
*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
THINK SNOW ! ! !
=A9 Copyright 1995

Date: Mon, 23 Oct 95 17:06:04 GMT
From: Troll <Troll@nochet.demon.co.uk>
Subject: WWW Pentone

My mates run a company making radio modems and selcall modules;

WWW page is

http://www.io.com/~troll/pentone/index.html

--
Tom Zunder: Troll@nochet.demon.co.uk
http://www.io.com/user/troll/index.html
All views expressed are strictly my own.
May Argan Argar shield this mail

End of Ham-Equip Digest V95 #540
****

--WAA07851.814506370/ooz.backbone.uoknor.edu--

End of Ham-Equip Digest V95 #541
****

--AAA08222.814510920/ooz.backbone.uoknor.edu--

End of Ham-Equip Digest V95 #542
****

--BAA08689.814515766/ooz.backbone.uoknor.edu--

Date: Mon, 23 Oct 1995 23:46:42 GMT
From: bq342@freenet.buffalo.edu (Russ Rinckey)
Subject: SB 220 hook up

I am buying a sb 220 and want to hook up to my kenwood ts690 will the relays in the rig handel the sb220 ?

Date: 23 Oct 1995 21:28:18 GMT
From: pepperh@demo.bb.unisys.com (Hugh M. Pepper)
Subject: W2a audio going down (was: HELP - Icom ICW2A Speaker Connection)

In article <DGq88o.9BA@inter.NL.net>, geertj@ripe.net (Geert Jan de Groot) says:

>Repairing the W2a is easy (I did so several times), though diagnosing
>is difficult. Before you open the unit, do some tests like:
>- really verify if the problem is both VHF and UHF

Yep, problem is on both VFO's.. weak audio output on UHF and VHF.

>- Connect external speakers to both jacks and test again.

Yep, still weak audio, on internal and external speakers.

>- Does a quick powerdown/powerup restore audio levels?

If you key the mic very quickly, upon returning to receive, the
audio is louder, but then quickly goes back to very soft.

>- DO you notice distortion?

Yes, when the volume control is increased, the audio sometimes
even breaks up.. high distortion..

>It may be a capacitor going soft, but then again, it may not.

An SMD cap?? I have the schematics that came with the HT, but not
the service manual.. sounds more and more like a trip back to ICOM,
unless I can be fairly sure of the offending parts to take a chance
at replacing them. Even at that.. I would probably have to go to ICOM
for the parts anyway!!

>I do NOT recommend working on the unit if you can't take ESD precautions,

You mean grounded tip soldering irons right!!!

>if you don't have the maintenance manual, or if you are unconfortable
>working on 0102 SMD's. And remember NOT to transmit if the casing
>is not installed (the back side is the cooling).

Thanks for all the insight... And here I thought these radio's
would work forever!!!

Hugh -

pepperh@demo.bb.unisys.com

Date: Mon, 23 Oct 1995 23:22:21
From: jan.anker@ping.be (Jan Anker)
Subject: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

In article <ragnaroek1995Oct23.152214.20835@news2.compulink.com> walter@idirect.com
(SLEDDER) writes:
>From: walter@idirect.com (SLEDDER)
>Subject: Re: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?
>Date: 23 Oct 95 19:22:14 GMT

>Try http://www.xxxxxxx.com

>Enjoy.!
>--
>-

>When you're through changing, you're through.

>CHECK OUT MY HOME PAGE& HOT LINKS @
>http://www.xxxxx.com/users/walter.html
> |___/|
> | o o |
>----oOO-------OOo--
>*** STANDARD DISCLAIMER: The views of this user are strictly his own. ***
>THINK SNOW ! ! !
> =A9 Copyright 1995

buying low..selling high... and here not a good place for this add's

----

End of Ham-Equip Digest V95 #543
****

--DAA09382.814523837/ooz.backbone.uoknor.edu--

Date: 24 Oct 1995 06:11:48 GMT
From: wd6dih@ix.netcom.com (Kevin Karamanos)
Subject: Yaesu repair help needed

In <lfloydDGxtzs.HM7@netcom.com> lfloyd@netcom.com (L. Floyd) writes:
>
>I need to send in my Yaesu FT-2400 for some repairs. Can anyone help
me
>with the phone number and/or address for Yaesu's west coast repair
shop?
>

>Larry - WB5HHM (/6)
>
>--
>
>L. Floyd
>lfloyd@netcom.com
>ftp://ftp.netcom.com/pub/lf/lfloyd/homepage.html

Hello Mr. Floyd,

Contact Yaesu USA at:

YAESU USA
17210 Edwards Road
Cerritos, CA 90703

Phone: 310-404-2700
(8-5 pm PST)

73's

Kevin

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End of Ham-Equip Digest V95 #544
******************************

--FAA10035.814531471/ooz.backbone.uoknor.edu--
```

3438. Ameritron ALS-600 Comments

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: jchol@aol.com
Message-ID: <46iin6$s77@newsbf02.news.aol.com>
Source record: 211043

Am considering the new solid state ALS -600 Amplifier and solicit your comments. How does it perform on 160 meters (my favorite band)? What is the switching circuit, QSK, etc? Thanks.

3439. Re: Yaesu repair help needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: wright@onramp.net
Message-ID: <wright-2410950643580001@jbw.csbsdal.org>
Source record: 211044

In article <lfloydDGxtzs.HM7@netcom.com>, lfloyd@netcom.com (L. Floyd) wrote:

> I need to send in my Yaesu FT-2400 for some repairs. Can anyone help me
> with the phone number and/or address for Yaesu's west coast repair shop?
>
> Reply here or via e-mail.
>
> Thanks!
>
The phone number is 310-404-2700. I had to send my 51-R in for repairs,
they turned it around in two days. The radio actually made it back to me
before a post card they had sent to me saying that they recvd the radio in
the shop...

Good luck.

jeff wright
kc5nez

3440. FS:Henry 2K4

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: wayne@nexus.interealm.com
Message-ID: <46ikdl$34s@nexus.interealm.com>
Source record: 211045

```
2K4 clean, new finales, spare set, 80-10, 1500 out, cover+manual
$1000.00
wa2kec, wayne@nexus.interealm.com
wayne@nexus.interealm.com
```

3441. unsubscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: am257@detroit.FReenet.ORG
Message-ID: <199510241104.HAA00854@detroit.freenet.org>
Source record: 211046

```
unsubscribe
```

3442. mods for IC-T22A??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: hkham@susis.ust.hk
Message-ID: <46im2b$ohq@news.ust.hk>
Source record: 211047

hi all,
Can anyone tell me the TX/RX mods for IC-t22a because I wish to expand the
freq range.Thanks!

3443. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: root@jackatak.theporch.com
Message-ID: <VT8gDD1w165w@jackatak.theporch.com>
Source record: 211048

jlowman@netcom.com (Jim Lowman) writes:
> Dale Chidester (chideste@xvnews.unconfigured.domain) wrote:
> : Why do people have such a problem with using rec.radio.swap?
> : Is it that they don't know it exists?
>
> It probably is that they do not know that .swap exists, because it is
> outside of the rec.radio.amateur.* hierarchy. I, for one, would prefer to
> have a newsgroup that was dedicateed to sale/trade/purchase of *amateur*
> equipment only. What is so wrong with creating a new newsgroup with a more
> specific purpose?

I think we need a very quick history lesson here:
The reorganization of the rec.radio hierarchy was undertaken to solve
and address several problems. MANY domains (particularly the .MIL) are
not/were not permitted by their charter to carry ANY commercial
postings or newsgroups... that meant NO for sale/swap groups, and
since amateurs tend to swap gear like kids used to swap bubblegum
cards (in my youth ;^) there needed to be a logical division.

That division was created, and rec.radio.swap was created. It is
dominated by, but not limited to, amateur equipment, and is outside
the hierarchy to make it easy for the many news admins to *include*
the rec.radio.amateur.* groups, while not carrying the rec.radio.swap

It made sense to the assembled multitude, and only seems to come up
when new college semesters change over and large numbers of new and
inexperienced people gain access to the UseNet groups, OR when some
inconsiderate or clueless person posts a for sale in a discussion
group. Making a different hierarchy for amateur for sales will NOT
solve this problem, nor will it cure cluelessness... those are given.

And a *GENTLE* nudge in private email probably makes a great deal more
sense as a mechanism for educating the educable among the clueless.

> Obviously, continuing to repeat the same dogma has not made the
> problem go away. Maybe nothing will.
Certainly nothing short of public beheadings will do! ;^) There is
only one "solution" for ignorance: education... and, in order for
that to happen and be effective, the teacher must be patient (hardly
the norm on UseNet ;^) and the student willing (ditto ;^)

Adding YANG (Yet Another News Group) is NOT the solution. Good manners
might help even more.
--
73,
Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)

```
+--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--+
| Jack GF Hill |Voice: (615) 459-2636 - Ham Call: W4PPT |
| P. O. Box 1685 |Modem: (615) 377-5980 - Bicycling and SCUBA Diving |
| Brentwood, TN 37024|Fax: (615) 459-0038 - Life Member - ARRL |
| root@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose" |
+--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--*--+
```

3444. Re: Help Using Spectrum Analyzer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: rburgan@detroit.freenet.org
Message-ID: <46irsh$40e@detroit.freenet.org>
Source record: 211049

Another source for older manuals for test equipment that I've
had good success with in the past, is:

TECH-SYSTEMS
1309 Hwy 71
Belmar, NJ 07719

1-800-435-1516
--

3445. Measuring power output

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: jdusink@melbpc.org.au
Message-ID: <jdusink.4.00155E9D@melbpc.org.au>
Source record: 211050

Can you use a multi meter to measure the power output of a
transmitter.This would save the price of a power meter
John Dusink Postal Address,5 Charles Str,Ringwood E.3135, Australia
Phone,(03) 9870 1169
Member, Melbourne PC User Group.

3446. looking for radio secrets (magazine?)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: egroen@inter.NL.net
Message-ID: <DGyKv4.2nr@inter.NL.net>
Source record: 211051

Hi there, someone told me about a kind of magzine full of mods for ham
and cb radio's. I think the name is "radio secrets".
I want a subscribsion if possible. Does anyone know how to contact the
publisher(s).
Tnx Enno
egroen@solair1.inter.NL.net

3447. NEW ICOM DSP RECEIVER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-24 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <46j01g$4g5@newsbf02.news.aol.com>
Source record: 211052

Icom has just announced a new HF transceiver with DSP in the receiver
section. It has two tuning dials, and lots of other goodies.
Obviously a receive only version is not far behind. Anybody know about it?
Price, delivery, specs?

3448. Kenwood TM-742a w/UT28s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: Robert H&#65533;yvald <72242.477@CompuServe.COM>
Message-ID: <46k0si$n80$1@mhafn.production.compuserve.com>
Source record: 210938
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,uk.radio.amateur

To ALL:
I have a TM_742a with the UT-28s module installed. I also have
done the expanded TX/RX on the unit. The unit works fine except on
the 10M side. It seems that the unit can TX up to 45mhz, but it
will not RX over 30mhz. I sent the unit to Kenwood Service Center
East and they said it is up to specs. The problem is that I need
to receive freqs. at 33.94 and lower. I can tranmit there but I
don't need that I just need to receive. These are fire bands and
going to the fire calls without having a scanner in the car would
be a great help.

Is there anyway to fix this problem???
ANY HELP IS GREATLY NEEDED!!!

THanks Robert H&#65533;yvald, KB2UWJ

3449. Re: ** This Group Is Not For Sales or Purchases **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: wayne@nexus.interealm.com
Message-ID: <46k3re$5pj@nexus.interealm.com>
Source record: 210939

marcw@kaiwan009.kaiwan.com (Marc K. Whisman) wrote:

>As I have not seen the faq for this group, can someone (besides anonymous)
>tell me if it does include not posting Wanted messages too? Is it OK to
>post a wanted message for a manual, but not the radio that the manual is
>for? Just curious.

>Regards,

>-Marc
>KC6VUP

anonymous is a little on the boaring side.

Wayne

WA2KEC
wayne@nexus.interealm.com

3450. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: ctrask@primenet.com
Message-ID: <46k4qj$33t@nnrp2.news.primenet.com>
Source record: 210940

Jim Lowman (jlowman@netcom.com) wrote:

: For those of you who have been following the lengthy threads related to the
: posting of "for sale" or "wanted to buy" items on
: rec.radio.amateur.equipment newsgroup: I would like to make a proposal that
: may solve the problem. While I am willing to do the legwork on researching
: the formalities to proposing a new newsgroup, I would like to hear some
: opinions, yea/nea votes, ideas, etc. before doing so, to determine if this
: action is warranted.

Jim, et al,
After reading this posting and the follow-ups, the thought came
to mind that perhaps the name

rec.radio.amateur.fleamarket

might be appropriate. After all, a good number of us (perhaps most) will
instantly associate this name with used equipment that individuals are
offering up for sale to the public, much the same as in a real, live flea-
market. The word "market" is there for those searching for just those
groups. Somehow, the name "market" by itself implies commercial operators
offering new (yuck = pushbutton) equipment.

I agree wholeheartedly that the present rec.radio.swap deserves to
be relocated within the rec.radio.amateur grouping, and would probably do a
lot to reduce, but not completely eliminate, the FS and WTB postings that
are placed inappropriately.

Is it possible to simply rename the existing group? I don't claim
to know how this newsgroup jimcrackery works, so please don't flame me.

Regards to the group,

Chris Trask / N7ZWY

Chris Trask / N7ZWY Circuit Design for the RF Impaired
ATG Design Services __ __ ____ ___ ___ ____
ctrask@primenet.com _~_ /__)/__) / / / / /_ /\ / /_ /
(@ @) / / \ / / / / /__ / \/ /___ /
----------------------ooO~(_)~Ooo---

3451. Re: screwy display?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: tony@bright.net
Message-ID: <46kacf$lrj@brutus.bright.net>
Source record: 210941

XE2MXU/N5UHB <fjorozco@academ03.mty.itesm.mx> wrote:

>Hi all, I have a Kenwood 2 meter all band radio (TR-751A), and the
>display behaves a little funny. Sometimes it works just perfect, but
>some other times the display becomes all messed up: segments that
>shouldn't be on are, and segments that should be on aren't, and well, you
>get the idea, you can't tell what freq. the rig in on. Does anybody have
>any ideas of why this happen? ...or how to make it stop?

Luis,

I am having a similar problem with my TM-241 2 meter mobile; in fact,
it exhibits exactly the same symptoms. Unfortunately, I don't have any
information about causes or a fix, but will try to pass along any
information I can find.

Good luck!

73 de N8SNC, Tony

3452. Re: 6146b neutralization---what does it do?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: rmwatson@eskimo.com
Message-ID: <DGzI6B.C4r@eskimo.com>
Source record: 210942

Bob Tomas (tomas@ra.cgd.ucar.edu) wrote:
: What does neutralization of a pair of 6146b tubes do?

: bob

Along with the question posted above, I have also heard that the neutralization procedure can be performed using a "grid-dip meter". Is this factual, and if so, please explain?

Thanks,

Robert/KJ7BO
rmwatson@eskimo.com

3453. FS National NCX-5

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: davsachz@postoffice.ptd.net
Message-ID: <DGzLKq.Aov@postoffice.ptd.net>
Source record: 210943

Classic National radio NCX-5 TUbe type circa 1965 200 watts 80-10. works but does drift some. Needs tlc make offers direct to DavSachz@postoffice.ptd.net

3454. Re: Old BC453 schema searching

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: lakeith@robins.af.mil
Message-ID: <46lb2h$8i0@wrdis02.robins.af.mil>
Source record: 210944
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

--
Mail to you bounces..
I have a manual for the BC-453 and the other components of the
SCR-274N. It would cost about $60 US to copy and mail to Italy.

73,
Larry, KQ4BY

3455. IC706 - more info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: Alf Green <alf>
Message-ID: <46m3p7$qj5@cst715.iac.honeywell.com>
Source record: 210945
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Since my earlier review, I have had a chance to carry out some further tests, and hope this may be interest.

If there are any questions or comments, please e-mail me.

73s, Alf NU8I/G4ABB
Scottsdale, AZ DM43an
alf@agreen.iac.honeywell.com

Mobile operation: I had several qso's on 6m and 2m SSB, using vertical antennas out to about 40 miles or so. The noise blanker did a very adequate job, cutting the ignition noise down from abt S7 to where it was still audible but not moving the meter. Weak signals, also not moving the meter, were copiable with no problem. I had earlier commented on the lack of audio from the internal speaker, but in practice that was not a major problem. 50mph+ with the top down in my convertible the audio was quite readable. It would have sounded better with an external speaker, but my fears that an outboard audio amp would be needed were unfounded.

2m receive performance: I used the rig as the downlink receiver for AO-13, and was very pleased with the performance. Without any external pre-amp, it performed at least as well as my other rigs, that have given good service over the years. I dont think anyone would be disappointed with its sensitivity. There have been quite a few comments about the '706 being deaf on VHF. Although this is the case for general coverage above about 130MHz, it certainly is not true for 144-148MHz.
The filtering used is most definately a benefit in rejecting out of band interference. There are a couple of stretches of road near collections of commercial antennas where my HT is completely useless. Driving through there, I could hear NO effects of inter-mod on the '706.

Low frequency receive: Although the published spec says it goes down to 300kHz, it does in fact receive all the way down to 30kHz. I didnt have access to a calibrated generator for that band, but it did appear to be quite flat between 100 - 300kHz, with a fairly steep drop-off below 100kHz.

Accessory output: There is an analog output on the rear accessory connector that indicates the band in use. It DOES include a level for 6m, but not for 2m. The voltage level is as follows:

MHz volts
0-2 7.4
2-4 6.1
4-8 5.1

```
8-11 0.1 (out of sequence, not a typo)
11-15 4.1
15-22 3.2
22-30 2.2
30+ 1.2

--------------------------------------------------------------------------------
```

3456. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2510951649350001@145.39.1.10>
Source record: 210946
Cross-posted to:
misc.consumers,comp.periphs,comp.sys.ibm.pc.hardware.misc,rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <466f4e$8b4@news.tv.tek.com>, bill@tv.tv.tek.com wrote:

> >GPS is great; I have a couple of them. For reasons I do not understand,
> >however, it has been my experience that the time displays on the GPS units
> >disagree with WWV by around 3/4 of a second. For a system that relies on
> >nanosecond timing this is a little mysterious, perhaps processing delays
> >in the display. This may be enough accuracy for this user, but it is
> >nothing like as accurate as the Heathkit clock.
>
> Perhaps the GPS clock is displaying astronomical time. According to my
> Heathkit clock, there's a large fraction of a second difference between
> astronomical time and UTC. I believe a leap second has been scheduled at
> the end of the year to bring them closer again.
>

It's much more likely that the GPS/computer interface does NOT utilize the
strobe signal provided on more costly receivers but not on the cheap
ones. It takes some time after the time code signal is received to decode
it and send it out an RS232 port. The strobe pulse gives you the exact
beginning of the NEXT second beyond the one whose identity you just
received, and it is corrected for propagation delay.

--
Karl Beckman, P.E. < If our English language is so >
Motorola LMPS.RNSG.Pvt Data < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
** Opinions expressed here do no represent the views of Motorola Inc. **
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3457. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: robert@kd3bj.ampr.org
Message-ID: <robert.814593341@kd3bj.ampr.org>
Source record: 210947

Jim: I would recommend rec.radio.amateur.forsale or rec.radio.amateur.swap to preserve the present order of the hierarchy. If you call it rec.amateur. whatever, the newsgroup will be separated from the other amateur radio related newsgroups.

Robert, NX3S

3458. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: riffbandit@aol.com
Message-ID: <46kdnd$6k9@newsbf02.news.aol.com>
Source record: 210948

In article <DGwrJr.G1L@da_vinci.ecte.uswc.uswest.com>,
mjjohn5@lookout.mtt.it.uswc.uswest.com (Mark Johnson) writes:

>I agree. The normal convention for such groups on the internet seems to
>be forsale.
>
>Also, as has been pointed out, rec.radio.swap does not follow the
>rec.radio.amateur naming convention for newsgroups related to ham radio.
>If someone is looking at a list of newsgroups. It does look like
>rec.radio.amateur.equipment would be the place for fs posts.
>
>>
>If there is not a need for two such groups, maybe the rec.radio.swap
>should be removed and rec.radio.amateur.forsale should take its place.

Mark, I think you are correct to suggest that a rec.radio.amateur.???
group would be more appropriate. I discovered rec.radio.swap only after
seeing the controversy generated by FS postings here. If I hadn't seen
the controversy, I would have posted myself, since the assumption that
.equipment is relevant to the purchase and sale of equipment seems valid.

However, I would stay away from a .forsale group, and instead suggest a
.marketplace. Most .forsale groups frown on WTB postings (or have two
separate newsgroups. Here in Chicago we have chi.forsale and chi.wanted),
and .swap doesn't seem to cover everything, while a .marketplace
encourages a broader form of trade. The best example of how wide open and
yet regulated a .marketplace newsgroup can be is
rec.games.deckmaster.marketplace, which is probably one of the most
heavily trafficked newsgroups on the Net.

Furthermore, rather than e-mailing the person who does post FS notices,
perhaps we should wait and see what happens. It seems that there is
enough talk about FS postings in other threads that a person who
subscribes to this newsgroup for about a week will pick up on the
disctinction. Perhaps a weekly posting of the FAQ and a weekly posting of
the suggestion that all FS postings be taken to rec.radio.swap would be
all that is necessary.

So, here's my vote for rec.radio.amateur.marketplace.

Dan Gunderson
N9MUF

3459. Re: Dedicated radio for packet?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <46kpk8$gqk@nlcnews.nlc.state.ne.us>
Source record: 210949

On Tue, 24 Oct 1995 18:42:54 GMT, recurry@inside.intel.commm (Ron Curry) wrote:

>Get a MFJ 2m data radio. Puts out ~10w. I've had good experience on
>both 1200 baud and 9600 baud. Only costs $110. Wouldn't use this on a
>mountain top though. Rx sensitivity is only about .25 mv also but
>works well in my environment as a 9600 baud user port with a J-pole
>omni.
>
>Ron Curry KE6WED

I assume you mean .25uv, not .25mv. uv=microvolt mv=milivolt

You didn't say, what is the problem with using it on a mountaintop? This is an interesting looking rig. Have any of the serious 9.6k people checked it out and compared to others yet?

Gary McDuffie, Sr. - AG0N - Scottsbluff, NE
Internet: mcduffie@hannibal.wncc.cc.ne.us
Packet Radio: AG0N@AG0N.#WNE.NE.USA.NOAM

3460. RX performance of HF rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: d-cripps@dircon.co.uk
Message-ID: <46l1g1$tt@newsgate.dircon.co.uk>
Source record: 210950

Hi.

At the moment I'm a "B" licence amateur (restricted to VHF), however I am studying morse for my "A" licence.

I'm looking at getting a shortwave radio (Lowe HF225 is top of the list at the moment) but was intersted in how SW rigs such as the Yausu FT767 compairs for receiver performance?

How, in general, do HF rigs perform? Better or worse than dedicated receivers?

David Cripps G7IDB

3461. Re: IC-706 HF Rig Market response

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: Nils Schiffhauer <100523.3037@CompuServe.COM>
Message-ID: <46kovheva1@mhadf.production.compuserve.com>
Source record: 210951

Hi, Steve: IC-706 has QSK (and working vy fine), and I used it with a 250-Hz-filter. Its a very good set in CW, and also has an outstanding tx audio in SSB. Although, I was not satisfied with intermodulation vs. sensitivity. But you US folks may have another impression. We face a S9 noise in the evenings on 40 m only due to intermod when PREAMP ON. GL de Nils, DK8OK

3462. DTR192 70CM mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: "Sergei A.Semeikin" <serge@force.orenburg.ru>
Message-ID: <AAOvSZmyD4@force.orenburg.ru>
Source record: 210952

Hi ALL!

Does anyone have any INFO on how to mod the "TELEREADER DTR192"
from TASCO (70CM mobile with int TNC).
I would like to extend the TX/RX range.

Thanks in advance!

Serge

E-mail:serge@force.orenburg.ru
Fax#+7(353)2727760

---
* Origin: =- Journey to IXTLAN -=

3463. Mods For IC745

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: Ian Harrison <Iharrison@becc.unimelb.edu.au>
Message-ID: <46k9m5$n37@news.unimelb.EDU.AU>
Source record: 210953

I need to know how to modify my ICOM IC745 for full coverage transmit,
I would really appreciate if anybody would be able to help me.

I do not have full time access to a news server and appreciate any mail
to be posted to myself.

Thanking you in advance. :)

73's

Ian Harrison VK3TAH

Iharrison@becc.unimelb.edu.au

3464. Help REDUCE power on HT's!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <46lfhq$6k9@cville-srv.wam.umd.edu>
Source record: 210954

I have a pair of FT-470's, an FT-411, and a pair of RS HTX-202s. I have no
svc manuals. I have an interesting request for assistance (yes, I can call
for tech support, but thought I'd pass it to the user community first).
I run these handhelds on 7.2 volt batteries, meaning 2 watts high, 1 watt low.

The 1 watt is too high for most applications, in my opinion. How can this
power level be adjusted DOWN, even a little bit? 50 milliwatts would be
great for hamfests and such, and 1 and 2 watts are SO close the difference
just doesn't matter.

Any suggestions?
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...

3465. Re: FT-11R Sub-audible tone NOT!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: ydtlzmj@news.atglab.bls.combst.bls.com
Message-ID: <46lfns$fcf@atglab10.atglab.bls.com>
Source record: 210955

My friend continued to badger yaesu about this problem,
and as of tomorrow, he expects to have a new radio.

He is also the proud owner of a brandy-new FT 5100, so
he atleast is definately a yaesu fan.

I guess the moral of the story, is a don't take no for
an answer with a vendor. Keep pushing, if you know you
are in the right.

73s, KF4BUX

3466. Re: FT-51R 15 kHz Step Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: ydtlzmj@news.atglab.bls.combst.bls.com
Message-ID: <46lk40$fcf@atglab10.atglab.bls.com>
Source record: 210956

I reproduced this problem on my FT-51R, but I don't
understand why it is happening.

Victor XF4BUX Gregg

3467. Re: FT-51R 15 kHz Step Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: ConklinRF@uni.edu
Message-ID: <1995Oct25.010414.50088@cobra.uni.edu>
Source record: 210957

In article <46fmv8$2of@newsbf02.news.aol.com>,
rkmorrow@aol.com (RKMorrow) wrote:
>When I set the step size to 15 kHz on the VHF segment, the step size
>refuses to carry across 100 kHz boundaries. For example, I key in 146.52
>and step down one; result is 146.50 instead of 146.505. Now I step up one
>and get 146.515. This makes the 15 kHz step size useless. Anyone else
>get the same result?

Unfortunately. But since that is one of only 2-3 small complaints I have with
the radio, I consider myself lucky :-)

It does suck having to scan 2 meters 5kc at a time, cause as quick as you can
say over-deviation your radio will stop 5-10 kc short of the center frequency
you want to hear- requiring you to stop the scan, by pressing up/down,
assuming you are using the stop scan mode- or wait a few seconds for it to
move if you are using the pause mode (I hope I'm using Yaesu's terminology
correctly for the scan modes).

73 de N0PAV
Chris Conklin --> Conklin@forbin.com

3468. Re: IC 706 - TX Audio problem?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: Bill Bennett <bb@tisc.com>
Message-ID: <46llj6$pfq@taxis.corp.titan.com>
Source record: 210958

"Gregory J. Buhyoff" <buhyoff@vt.edu> wrote:
>I have heard a couple of reports (one of them from an owner of the 706) of possible
>transmit audio problems on the IC 706.
I have been using my ic706 for weeks, most people rave at the audio quality in both ssb/fm... however if you leave the audio compressor on when on fm the audio sounds over deved and pinched. So you must rember to turn off the compressor as it is not automatic when on fm

72
bill
kc6yox

3469. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9510251621.AA13185@noldor>
Source record: 210959

Well gang, I have played with my NEW Icom IC-706 HF Rig HF/6meter and 2 meters rig and I can so it is awesome, neat, keen, etc.

I used it on Break-in CW QsSK on 20 meters and it was fun. The rig has an internal electronic keyer, vox, and a far better menu(pull down) that the Kenwood TS-50.(TS-50 lacked in this area) In the Menu, you do not have to guess (Memory 33, what is that, and grap the manual). At first, its seemed a little complex, but Icom did some human engineering on this rig, so that as long as you know how to access each menu, its all in simple text to set up things, no criptic codes, like the TS-50.

WOW, what a radio. This radio has a Spectrum Scope, which is super, I was on 20 meters last night, and thought the band was dead, I could look over a 15KHz, 30KHz, 60KHz, 150KHz, 300KHz, and I believe in 1MHZ bandwdths around my center frequency and could see signals above and below me at 11:00pm at night, when I thought the band was dead. By seeing the vertical traces(Spectrum Scope Feature) on the LCD screen, I pressed the Spectrum Scope marker and tuned the radio IC-706 right on to to these stations. WOW, thats great, I traded in my Kenwood TS-50 for this rig, and I am not at all unhappy with it. The only unhappy folks may be those with TS-50's, wishing they had an Icom-706!!. What more can I say. I am quite pleased with the New IC-706.

Out of Band the General Coverage reciver 30Khz - 120Mhz worked grat with all modes, even hearing CW beacons in the Aircraft band, 124.3 aircraft approach on AM,etc.

I even tried this rig on 6 meters SSB and talked to New Mexico from California.Heared some meter CW beacons on the Band also. Next I went to 2 meters used it on a few repeaters (yes, it has all the CTCSS PL-tones built in) and SSB around 144.1-144.2Mhz. No Intermod at all with a 7-element Beam on it. Worked from Los Angeles to Bakerfield, then San Jose, California from the Los Angeles, California.

This rig worked as good as my Kenwood TS-50, but even better. It looks like Icom did a great job with this one, took all the headaches about the TS-50 and made sure that the NEW Icom-706 HF/6m/@m mobile rig out did the TS-50, and I agree that Icom did their homework on this new rig.

After chasing DX, I listened the FM broadcast band 88-108MHz with its Wide Band FM detector, and its not bad at all.

I think a lot of HAMS(Radio Amateurs) out there will agree that this Rig will set a new presidence for the the next generation of HF rigs for the HAM market.

One HAM came over to my QTH and his comment, how did Icom do it, put so many featues, frequencies into that tiny box. The rig is actually smaller than the Kenwood TS-50. He has a TS-50 , TS-60, and a Kenwood 9130 @ meter all mode. At the end of the evening, he was going down to the nearest ham store and get one of the New Ic-706's HF/6m/2m alll mode rig's. He also wants to sell his TS-50, TS-60, and 9130, anyone interested???

I believe Kenwood will have some trouble in pushing their TS-50/TS-60 rigs now, and all I can say, if you don't quite believe this, go to your nearest Icom dealer and check this rig out. Most dealers can't keep them on the shelf, and only get a few at a time, having prepaid for one put you on a higher list to get your hands on one, they seem to disappear the same day they arrive in the store. If you get a chance to see one, check it out!!

All HF bands/6meters/2meters, all mode for ~$1250, a lot less than a TS-50, TS-60, and 9130 combination.

So far I would say the front runner is the Icom-IC-706, followed by the Alinco DX-70, then the Kenwood TS-50. I believe Kenwood may have to rethink about the TS-50. the Icom IC-706 leaves this rig it the dust!!

Congratulations to the folks at Icom, WOW what a neat little rig!!!!

73
Mike
W6TRW

P.S. Would like to hear from other New Icom-706 HF/6m/2m users out there.
What are your impressions of this New Rig!!!
Send your comments to : ham-equip@ucsd.edu

73 Mike

3470. copier need

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: dicken@bgnet.bgsu.edu
Message-ID: <46lpsg$rn0@infoserver.bgsu.edu>
Source record: 210960

Probably not the right newsgroup for copiers, but hams are known to
experiment with different kinds of electronics :)

Can anyone direct me to where I can find the following?

Minolta Copier style EP 310

which needs a "heater lamp".
Panasonic s/n HL-178

Have even tried the local Minolta repair shop with no luck.
If you have some good ones lying around gathering dust
I might be able to help you get rid of them.

--
Ham Call WD8ICP / / /
Internet dicken@bgsuvax.bgsu.edu / / /
Telephone (419) 372 7757 /_____/_____/
/ / | /

3471. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: davidb9608@aol.com
Message-ID: <46m43g$1f4@newsbf02.news.aol.com>
Source record: 210961

Rec.Radio.Swap we do not need another for sale group for equipment
Just one man's opinion

3472. FS: Antenna Insulators

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: wayne@nexus.interealm.com
Message-ID: <46mbi0$ni5@nexus.interealm.com>
Source record: 210962

Heavy Duty Ceramic Insulators from RCA Global day from Rhombic fields.
Hundreds for $0.75 ea.
Wayne WA2KEC
wayne@nexus.interealm.com

3473. dentron super tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: dmgillah@mtu.EDU
Message-ID: <199510251418.KAA08131@rock.me.mtu.edu>
Source record: 210963

Bill (KA2CKI),

My club has one and it works on 160 without a mod, and it handles at least
1 kW because we run a linear at 1kW through it. Although it has terminals
for balanced feedline (i.e. ladder line) I would recommend using unbalanced
line (hard line if possible). We had some RF getting back into the shack,
and switching to hard line seemed to help a lot. Although the situation was
specific to our shack since we couldn't run the ladder line without touching
brick and pipe at some points (which is the main reason why we switched).
Hope that this helps, it's about all I know. I have had good luck with
ours.
--

```
_____________________________________________________________________________
( Take it easy. -Dave The Upper Penninsula: )
( It's too cold, snows too )
( Michigan Technological University much, and it takes too long )
( The professional, perpetual student long to get here. But hey, )
( dmgillah@mtu.edu the air's fresh, and the )
( kb8por@w8yy.#upmi.mi.usa.na water's clean. Works for me!)
(_____________________________________________________________________________)
```

3474. Re: Hostmaster for Kam Plus Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <46lgn1$igi@news-2.csn.net>
Source record: 210964

In article <46iu6a$f3k@news.cc.utah.edu>, ew9186@u.cc.utah.edu says...

>I was considering getting the Hostmaster software for the
>Kam Plus (the split window features look intriguing and useful.)
>Does anyone out there have any comments or opinions on how useful
>this piece of software is, or if there is better software available
>elsewhere?

I invite you to try KaWin - also a host mode program written specifically
for your Kam, AND a true Windows implementation! Download it from the web
or ftp sites (below).
--
Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: http://www.mutadv.com/kawin/
KaWin FTP Site: ftp.csn.net in the directory /kawin

3475. Re: Quieting reed relays?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: Bruce Burke <eaim103@email.mot.com>
Message-ID: <46me62$780@brokaw.comm.mot.com>
Source record: 210965

turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) wrote:
>I just got an OMNI VI. It is a good basic radio, with only a few
>drawbacks. It has a reed relay that controls some part of the keying
>circuit (yeah, I don't believe it either...I heard the relay, and called
>Ten Tec who said it was the reed relay)
>
>Now, I will look to see exactly where it is...and try to figure out whether
>I can replace it with a transistor or something. I would rather leave
>well enough alone if I can - hence my question:
>
>Anyone know how to "quiet" a reed relay?
>
>I thought I could take it off the board then remount it into some rubber
>or silicone cement on the circuit board to deaden the sound. I also
>thought that I might then cover it with a little styrofoam box of some
>sort. Any suggestions? Anyone else have the OMNI and want to figure
>this out with me?
>
>Clark
>WA3JPG
I doubt that this is a reed relay. They are quit quiet. My Swan has one, can't
hear it. I've also worked on equipment with as many as six relays - all noiseless.
Most likely it is a standard frame relay.

Bruce, WB4YUC

3476. Re: How Good is TS-850 on CW?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: mikemr@eskimo.com
Message-ID: <DH12vp.9yx@eskimo.com>
Source record: 210966

In article <jgardnerDGrFGE.45F@netcom.com>, jgardner@netcom.com says...
>
>
>I'm thinking of getting a Kenwood TS-850S/AT and I'm wondering how its
>CW performance is. I operate mostly CW and a lot of current-generation
>HF rigs seem to work rather poorly on CW. How is the break-in? Filters?
>Is full break-in usable, or does it chop the first element like most
>rigs do? Is the offset/side tone adjustable (I prefer 400 Hz) or fixed?
>If the offet is adjustable, does the sidetone track it? What about spotting
>provisions?

I own an ICOM 765 but I've used an 850SAT and I love it on CW.
If I had to do it again, I would probably buy the 850 instead
of the 765. It has adjustable CW pitch and the sidetone tracks
(I had to mod the 765 to add tracking sidetone). The filters
sound fine (they sound like JA-built crystal filters) and the
full QSK is clean. I like the 765's user interface a little
better, but the 850's is fine once you get used to it.

73 Mike N6MZ mikemr@eskimo.com

3477. SB-220 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: mikemr@eskimo.com
Message-ID: <DH131L.A8M@eskimo.com>
Source record: 210967

Has anyone done the Radiokit 9-band mod for the SB-220?
Also, can someone recommend a full-QSK mod for it?

73 Mike N6MZ mikemr@eskimo.com

3478. HTX202, where is deviation pot?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: hutzley@ranger.enet.dec.com
Message-ID: <46mkgq$c1t@mrnews.mro.dec.com>
Source record: 210968

I have been told that my audio is low, so I would like to
adjust it just a tad.

In lookin gat the schematics, it looks like RV1 (22K)
is the deviation control.

Can anyone confirm this? and how do you get to it. Its
there anything that I should look for as far as 'landmarks' go?

Thanks
Steve...N1TEC

3479. For Sale: Yaesu FT-747 gx

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: sinanb@aol.com
Message-ID: <46mmb4$bso@newsbf02.news.aol.com>
Source record: 210969

I'm selling a Yaesu FT 747 GX w/ a built in 10 meter FM chip. It comes with all the connections including a mic and the power cord. Also, I'm selling an Astron 20a power supply and an MFJ tuner that works very well with the set. E-me at SinanB@aol.com. I'll accept the highest bidder.

3480. 1.2 FM or 430 AM ATV want your opinion

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: nv7v@burgoyne.com
Message-ID: <nv7v.4.00009C0E@burgoyne.com>
Source record: 210970

Our local group is getting involved with using ATV for public service. I am thinking that 1.2 FM would work best with portable equipment rather than using 430 Mhz.

What do you think?

Steve

nv7v@burgoyne.com

3481. Re: Dentron Super Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <814583349.21003@pinetree.microserve.com>
Source record: 210971

rogers@eng15.rochny.USpra.abb.COM (Bill_Rogers) wrote:

>Hi All:
>
>Perhaps someone familiar with the Dentron Super Tuner could answer a few
>questions for me. I just found one for sale at a reasonable price but
>the owner could not answer my questions. Does anyone know the ratings?
>Does is have a roller inductor? What does the tuning circuit look like,
>i.e. transmatch... Has anyone modified one to 160m?

I use a Dentron Super Super Tuner out of the same series. The SST is
rated at 3KW and covers 160-10m. I don't remember much about the ST,
but the power rating on mine is noted on the front panel, where it
clearly says "3KW". Ask the owner if there's something similar on his.

Also, mine uses a multi-tap coil and switch, not a roller, and I's sure
the ST is the same.

The tuning circuit is a T network, and the SST also came with a 4:1
toroidal balun (that I promptly smoked with my SB-220).

The potential for adding 160m will probably depend on how much space is
available inside the case for a larger inductor. You may also need to
replace the switch with one having more positions. Ask the owner about
the switch markings - mine is labeled A - R (23 positions).

73,

Jack WB3U

3482. FS: KPC-3

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: wayne@nexus.interealm.com
Message-ID: <46khpg$dkj@nexus.interealm.com>
Source record: 210972

KPC-3 $75
WA2KEC
wayne@nexus.interealm.com

3483. Re: NIR-12 DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: clinton.peebles@saloon.bcbbs.net
Message-ID: <9510251404358036@saloon.bcbbs.net>
Source record: 210973

```
W>Without a doubt, the -12 is the easiest to use and most effective of all
W>that I've seen. The -10 and 59+ are close but not quite as user friendly
W>or as effective as the -12.
```

Does someone have a phone number or fax number, maybe e-mail address,
where one could get more info on these? Like, who sells them...

 QMPro 1.53 Tag line thievery..Comin' up next on Geraldo.

3484. Henry Amp owners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: jchol@aol.com
Message-ID: <46mkl7$aro@newsbf02.news.aol.com>
Source record: 210974

Please send me your comments on Henry Radio amplifier quality and customer service. I am considering INVESTING in a Henry 3KD amp. It is a big step for me and a pretty hefty price, so I wanted some info about them. Thanks.

73 de John, WA5TWL

3485. International ham statistics--historical

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: jimslavin@aol.com
Message-ID: <46mk4d$ai6@newsbf02.news.aol.com>
Source record: 210975

I am looking for the number of ham radio operators worldwide broken out by year since the beginning of this century. I have been able to find similar information for U.S. hams, but have hit a dead end with international numbers. Can anyone point me in the right direction?

Please respond directly by email to "JimSlavin@aol.com"

3486. Re: IC 706 - TX Audio problem?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: "Dennis F. Terribile" <wr4i@nando.net>
Message-ID: <46mhkv$mk1@castle.nando.net>
Source record: 210976

Hi Bill..Any comments on the CW performance would be appreciated. Does it have a nosiy relay? Is the full-break-in good? How loud is the fan? And last...can the RF out be cranked down to QRP level?
MAny thanks!
Dennis, WR4i, Chapel Hill,NC

3487. Re: tube type 2001A needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <46n5bn$lbn@bighorn.accessnv.com>
Source record: 210977

LEO PARENT (leo_parent@mystique.win.net) wrote:

: I am lookin for (2) two final amplifier tube type 2001A - they
: cannot be less than 80% efficient - OR can anyone tell me of a
: good matching substitute - tnx kb2wk - leo.parent@mystique.win.net

: ---
: * PowerAccess 1.06 How do you know it's summer in Seattle? The rain's warmer

The American 6146B is the equivalent of the S2001 ... same specs,
directly interchangable. While you are replacing the finals, replace the
12BY7A driver also ... they are about ten bux, and not having to take the
radio apart again is worth that!

Don't expect more than about 50-60% efficiency from any transmitter ...
you won't get it! The Kenwood ran 240 Watts input, expect 120-125 Watts
output ... that's very normal!

73, and good luck!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

3488. IC-706 Mod Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-25 00:00:00 UTC
From: "Stephen C. Gross" <sgross@enet.net>
Message-ID: <308ECE8B.1DB5@enet.net>
Source record: 210978

I need the VHF mod for the Icom '706.

-steve

Stephen C. Gross
Pilot B737
America West Airlines

3489. Re: FT-51R 15 kHz Step Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: rkmorrow@aol.com
Message-ID: <46oq7s$dpt@newsbf02.news.aol.com>
Source record: 210853

rkmorrow@aol.com (RKMorrow) wrote:

>When I set the step size to 15 kHz on the VHF segment, the step size
>refuses to carry across 100 kHz boundaries. For example, I key in 146.52
>and step down one; result is 146.50 instead of 146.505. Now I step up
one
>and get 146.515. This makes the 15 kHz step size useless. Anyone else
>get the same result?

>-Bob Morrow WB6GTM

I just talked to Yaesu; they will fix this at no charge. Just send the
body of the radio, along with a request for the "15 kHz update" and a copy
of your purchase receipt to:

Yaesu USA
17210 Edwards Blvd
Cerritos CA 90701
800-255-9237

They will replace the CPU with about a 7 day turnaround

-Bob Morrow WB6GTM

.

3490. 6146b neutralization---what does it do?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: MUENZLERK@uthscsa.edu
Message-ID: <01HWW0HGC4TU000ERF@uthscsa.edu>
Source record: 210854

Bob Tomas (tomas@ra.cgd.ucar.edu) wrote:
: What does neutralization of a pair of 6146b tubes do?

: bob

Wasn't this on the Novice test at one time?
Depending on the inner capacitance of the tubes and frequency
neutralization circuits may need to be used. This is done by
coupling a small amount of the output back to the input of the tube.
By the nature of a tube this is 180 degrees out of phase with the
input. This in effect cancels out the unwanted, in phase, feedback
that is generated by the amplifier circuit thus preventing oscillations
that would generate unwanted signals and possibly destroy
or severely overheat the tube.

Hope this helps.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

3491. Re: SB 220 hook up

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <46oucm$dq4@giga.bga.com>
Source record: 210855

> bq342@freenet.buffalo.edu (Russ Rinckey) writes:
>
> I am buying a sb 220 and want to hook up to my kenwood ts690 will the relays in the rig handel the
sb220 ?
>
>>>>
No, the relays in the TS-690 will not handle the high voltage(120dc), & high current of the sb-220's relay
keying supply, you must put a 12vdc relay inline to key the amp, rated at 1 amp, should do it.
From the accessory plug on the back of the rig you can find 12vdc on TX, use this to key the outboard
relay, then use one of the contacts on the OB relay to key to SB-220.

3492. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: cliff@pgh.nauticom.net
Message-ID: <DH2qq6.34L@pgh.nauticom.net>
Source record: 210856

DavidB9608 (davidb9608@aol.com) wrote:
: Rec.Radio.Swap we do not need another for sale group for equipment
: Just one man's opinion

Two men.

73,

Cliff K3LL
--

+---+
|cliff@nauticom.net K3LL @ W3UDX.#WPA.PA.USA.NOAM |
| k3ll@nauticom.net "Adapt, Migrate, or Die." |

3493. Re: FT-51R 15 kHz Step Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: PBACCHIOCC@ANALOGIC.COM
Message-ID: <a1a7cb$c1635.124@bilbo.analogic.com>
Source record: 210857

rkmorrow@aol.com (RKMorrow) wrote:

>When I set the step size to 15 kHz on the VHF segment, the step size
>refuses to carry across 100 kHz boundaries. For example, I key in 146.52
>and step down one; result is 146.50 instead of 146.505. Now I step up one
>and get 146.515. This makes the 15 kHz step size useless. Anyone else
>get the same result?

>-Bob Morrow WB6GTM

Mine does too. According to a Yaesu rep, the micro could be changed to
fix the problem if you want to send it in. To me, it's not worth the
time. Does that mean the newer ones are fixed; don't know. I think
my FT8500 does that too, yuk. I guess we'll all have to go to 20kHz
spacing. :(

Paul Bacchiocchi N1DGT

Analogic
Medical Division
CT Engineering pbacchiocc@analogic.com
bacchioc@ici.net

3494. Need Out of Band mods for Icom 2350

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: robert@eden.com
Message-ID: <46ofbr$55v@boris.eden.com>
Source record: 210858

Anyone have info on the Icom 2350... a friend is looking for out of band transmit and receive mods.

3495. Re: 1.2 FM or 430 AM ATV want your opinion

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: eus.eusmge@memo.ericsson.se
Message-ID: <46ofdh$2of@cnn.exu.ericsson.se>
Source record: 210859

On Wed, 25 Oct 1995 00:36:34, nv7v@burgoyne.com (Steven Whitehead)
wrote:

>Our local group is getting involved with using ATV for public service. I am
>thinking that 1.2 FM would work best with portable equipment rather than using
>430 Mhz.

My opinion? Drop the idea of 434 for portable work. I tried it.
Trying to get an NTSC AM signal anywhere requires a big linear amp (at
least 50W - class A, or a good class AB, and a long yagi that has to
be broken down to even fit in my van. Then still you may or may not
be able to overcome the interference with local packet, radar and
everyone else on that band.

With 1.2 FM, an efficient 10W class C amp and a small corner reflector
will get you a clear signal out for MANY miles. Tx time is extented
'cause you are only using about 1/10 as much current. The quality of
FM is hard to top also.

The ONLY advantage of 434 is any cable ready TV set can be used to
recieve it while 1.2 FM takes a few more bucks.

Good luck, and above all have fun. --Mike KD6PKJ

3496. NEED MOD for FT-8500!!!! HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: panther@atl1.america.net
Message-ID: <panther.814748742@atl1>
Source record: 210860

If you have the mod for this rig.. please pass it on to me, or tell me where I might find it.

3497. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1995Oct26.111415.402@nad.com>
Source record: 210861

In article <DGyM5A.4Go@avalon.chinalake.navy.mil>, raider@salmon.mugu.navy.mil (Michael Raider) writes:
> We have rec.radio.swap, and lets leave it at that.
> mr

Agreed - I don't see the need.
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

3498. Re: Help REDUCE power on HT's!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1995Oct26.132556.404@nad.com>
Source record: 210862

In article <46lfhq$6k9@cville-srv.wam.umd.edu>, ham@w3eax.umd.edu (Scott Rosenfeld NF3I) writes:
> I have a pair of FT-470's, an FT-411, and a pair of RS HTX-202s. I have no
> svc manuals. I have an interesting request for assistance (yes, I can call
> for tech support, but thought I'd pass it to the user community first).
> I run these handhelds on 7.2 volt batteries, meaning 2 watts high, 1 watt low.
>
> The 1 watt is too high for most applications, in my opinion. How can this
> power level be adjusted DOWN, even a little bit? 50 milliwatts would be
> great for hamfests and such, and 1 and 2 watts are SO close the difference
> just doesn't matter.
>
> Any suggestions?

Hi Scott, hmm - don't have my manual here at work with me but I think my Ft470 puts out 200mw on low power. 2 watts is hi with 7.2v batt and 5w with 12v. Pretty sure the 411 is the same.

Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

3499. Opinions on Yaesu FT-990 as CW Rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDH2nCu.Cu5@netcom.com>
Source record: 210863

I recently posted an article asking about how well the Kenwood TS-850S performs on CW. I've narrowed my choice down to the TS-850S and the Yaesu FT-990.

I have the same questions for the FT-990:

1) How well does the full-breakin feature work? Does it chop elements?
2) Does the sidetone track the adjustable offset?
3) How about filters? Especially narrow CW filters.
4) How about spotting provisions?

The last question is very important. Anyone who's ever seriously persued DX on CW knows that accurate zero-beating is extremely critical. I've never had a transceiver before; I've had Collins twins and Drake twins and both of these have very good zero-beating facilities. How does the FT-990 accomplish zero-beating and is it accurate?

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

3500. Re: IC-706 LOCATED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: Bill Bennett <bb@tisc.com>
Message-ID: <46p5n4$1s0@taxis.corp.titan.com>
Source record: 210864

n4lq@iglou.iglou.com (Steve Ellington) wrote:
>The Ham Station in Evansville IN just got a shipment of 706's in for
>those trying to find one. Their number is 800-729-4373. I have one on the way
what price??

3501. Re: Icom America, Inc Web Site

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-2610951219470001@k4dii.ksc.nasa.gov>
Source record: 210865

In article <46o4nk$1td@news.halcyon.com>, "Gary P. Fiber"
<gfiber@halcyon.com> wrote:
> Have you checked out ICOM America's new Web Site yet ?
> You will find it at http://www.icomamerica.com

Gary-

I think a better address would be http://www.oz.net/icom/, which can be
accessed from the "generic" page you listed.

73, Fred, K4DII

3502. Re: Dentron Super Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: bhowell@mail.utexas.edu
Message-ID: <46n4l0$17o@geraldo.cc.utexas.edu>
Source record: 210866

In article <rogers-9509231254.AA000127653@eng15>, rogers@eng15.rochny.USpra.abb.COM (Bill_Rogers) says:
>
>
>Hi All:
>
>Perhaps someone familiar with the Dentron Super Tuner could answer a few questions for
>>>>>>>>>>>>>>>snip<<<<<<<<<<<<<<<<<<<<<<<<

My Dentron ST has a sticker on the back...check yours... mine says:
model 160-10AT 1KW.
The inductor is switched, not roller type.

Quoting from the instruction manual (2 pages !) it says:

"The Dentron 160-10 AT Antenna Tuner (transmatch) will couple a 160 - 10 meter Transmitter to almost any type antenna system."

I could fax you the two pages if you like.

BTW, I paid abt $60 for mine,used.

Bill Howell
bhowell@mail.utexas.edu

3503. Help---First TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: Gregg Fine <76460.551@CompuServe.COM>
Message-ID: <46mk89ngu1@mhade.production.compuserve.com>
Source record: 210979
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Looking for advice on purchasing a TNC that has HF/VHF
capability. Any help/comments would be appreciated on equipment
as well as software.

Thanks,

Gregg Fine
KF4AUY
AAT4AD

3504. Transmitter/Reciever

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: kishonti@torfree.net
Message-ID: <DH17s3.3wq.0.queen@torfree.net>
Source record: 210980

Hi, I am currently working on a wireless transmitter and receiver unit. I am looking for someone who is experienced in the design and construction of RF devices to bounce my ideas off of. I have several criteria that my project must live up to, and would like some guidance as far as "what to stay away from" and "what to look into".

If you could offer me some help (in text, over the net) that would be great.

Please contact me via E-mail: kishonti@torfree.net

Thanks ahead of time!

3505. -= Looking for a good TNC for Packet =-

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: David Collantes <davidc@olimpus.com>
Message-ID: <46n0cd$t10@pointer.netpoint.net>
Source record: 210981

Hi!

I am looking for a really good equipment to do packet. I am thinking to setup a packet BBS and I would appreciated any good tip or advice.

Thanks in advance,

David C.
davidc@olimpus.com

3506. Re: Hostmaster for Kam Plus Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DH18L5.EG5@iglou.com>
Source record: 210982

One good program I use here is called XPKAM. It is sold by XPWARWE and is much more advanced than Hostmaster. Possibly HM has improved since I got my copy 2 years ago. HM did'nt have the robot cq feature at the time. Also, another good one is KAGOLD. It is similar and both sell for a goodly some of about $70 or so.
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3507. Re: Help REDUCE power on HT's!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <a197cb$17b27.f7@news.hampshire.edu>
Source record: 210983

On 25 Oct 1995 13:54:02 GMT Scott Rosenfeld NF3I (ham@w3eax.umd.edu)
wrote in rec.radio.amateur.equipment:

: I have a pair of FT-470's, an FT-411, and a pair of RS HTX-202s. I have no
...
: The 1 watt is too high for most applications, in my opinion. How can this
: power level be adjusted DOWN, even a little bit?

There is a circuit for the HTX-202 in the back of the Owner's Manual.
It looks like RV2 feeds back rectified r.f. from the final to decrease
the gain of earlier stages. The 1W/5W switch pulls this voltage toward
ground in the high power position. I bet if you play with the
adjustment of this pot you'll find you can reduce your low power
output turning it one way or the other.

73, Al N1AW
--
Al Woodhull
awoodhull@hamp.hampshire.edu
n1aw@k1mea.#wma.ma.usa.na
n1aw@ka1jy.ampr.org

3508. Hallicrafters Model S38A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: audi4don@ix.netcom.com
Message-ID: <46muqm$2ft@ixnews6.ix.netcom.com>
Source record: 210984
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

When a friend found out I was into radio, he mentioned that had a Hallicrafters S38A in his attic that he had had since Santa was a child and he would be interested in getting it restored to working order. We would appreciate any info about specs, manuals, schematics, reputable restorers, etc.

73, Don

3509. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: Tom Clark <clark@tomcat.gsfc.nasa.gov>
Message-ID: <46n2b4$161@post.gsfc.nasa.gov>
Source record: 210985
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

The reason for small discrepancies is simple -- the CPU in your typical GPS knows the time at a level of a fraction of a MICROSECOND -- it has to in order to compute positions at the 10's of meters level. However it knows this only after it has munched on the timing information it has received from the GPS satellites. It then takes care of its critical tasks, and then finally gives the time and position to the user. If it is sending its time out the RS232 port in NMEA format, it may take as long as a second to output all the NMEA messages at 4800 b/s.

Some of the small OEM receivers (I'm particularly aware of the Motorola ONCORE and Trimble SV-6) have options (usually at extra cost) which will output a precision time pulse once/second. In the case of the Motorola unit, when the receiver is configured for optimum time-keeping, the precision and accuracy of the 1 PPS signal is at the 30-50 NANOSECOND level. For the past year I have been working on a Motorola-based GPS timing clock which yields this kind of performance routinely. I have dubbed my clock the "Totally Accurate Clock", partially as a takeoff on Heath's old WWV-based "Most Accurate Clock", since the TAC is something like 4 orders of magnitude (yes, 40 dB!) better and I needed a word that conveyed a 40 dB improvement (and in part as a joke since TAC are my initials).

73 de Tom, W3IWI

3510. Re: HELP: Magellan Meridian GPS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: evans@rd.bbc.co.uk
Message-ID: <46nl6k$kjv@bbcnews.rd.bbc.co.uk>
Source record: 210986
Cross-posted to: sci.geo.satellite-nav,rec.radio.amateur.misc,rec.radio.amateur.equipment

KingTritan (kingtritan@aol.com) wrote:
: The Meridian XL GPS does have a computer interface, the cable is available
: from Magellan for approx. $80, or can be homebrewed.

The Meridian (non XL) has a RS232 similar interface with NMEA protocols. The connector is an unusual one (Megallans own presumably) and apart from doing the data interfacing it is also used for external power supply.

The interface/power cable is not very good value but a good homebrew version would be difficult. I think the interface is output only, so you can't load in waypoint or route data UYKB.

RHE

3511. FT-5200 Problems (was 'Mods required for the FT726R')

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: Mike Gathergood <Mike@g4kfk.demon.co.uk>
Message-ID: <814702716snz@g4kfk.demon.co.uk>
Source record: 210987
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.amateur.equipment

john@g4rev.ampr.org "John Trickey" writes:

> >extract from the reply I received dated October 11th 1994 from JUN HASEGAWA,
> >President of Yaesu Musen Co Ltd:

> Now this is facinating...

> >with your FT-5200. We have contacted Yaesu UK regarding this matter and

> Does this mean that SMC know nothing of problems highlighted to Yaesu UK?

I don't know about SMC, though another Yaesu dealer claimed to know nothing
about the problems with the FT-5200 when I took the rig back to them last
year.

Yaesu Head Office definitely know; I copied a plethora of postings from
rec.radio.amateur.misc referring to various subsets of the same problems
on both the FT-5100 and the FT-5200

> >However, the transmit audio is still poor (both bands), the breakthrough
> >is unbearable on 2m virtually anywhere I drive during the working day,
> >and on 70cm anywhere in Central London.

> I get breakthrough, but nowhere near that bad...mind you I don't drive
> in central London so I can't be sure.

> >> Oh they fixed a "dry joint" in mine. Great! intead of being intermittent,
> >> the fault is now permanent!"
> >
> >What was the fault?

> There were 2.
> 1) Frying noises in sub-band speaker while TX'ing at high power on VHF.
> (You and I know damn well that's poor screening causing the audio stage
> to take off but try telling them that).
> 2) Bleedover of sub-band audio into main-band speaker while TX'ing at high
> power on VHF.
> Both were intermittent. 1) is now definitely permanent but I'm not sure
> about 2). Its possible it might be fixed but I must try out the X-Band
> repeater to see if that now works.

I only have one speaker connected, but it basically sounds like one of
the same faults that mine has (all the time, not intermittant), and was
one of the faults commonly discussed by other owners in rec.radio.amateur.misc

> I've filed your reply for future reference although I really do feel like
> forgetting this on and cutting my losses.

Me too. Yaesu UK have said that the rig is in spec, so that's the end of it. I just wish they'd come clean and own up to the fact that there are a large number of very dissatisfied FT-5100/5200 owners out there, instead of trying to sweep the problem under the carpet - if nothing else though it highlights the value of Usenet. Without it, I'd have believed them!

73
Mike * QRV around 0800 and 1800 most weekdays on GB3HL *
G4KFK * (Hillingdon 433.075/434.675) and also 51.83 MHz *

3512. ICOM IC-2340H information

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: "Hugh M. Pepper" <pepperh@demo.bb.unisys.com>
Message-ID: <46o56j$skf@bb6k35.BB.Unisys.Com>
Source record: 210988
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Hello all,

I have been looking for a few weeks now about modification information about this Radio!! Non of the many ham radio mod sites have anything about this radio.

Could someone... anyone, please post anything they know about modifiying this radio to receive 800 Mhz..

What I have learned so far:

- Cutting W1 will enable 118 to 136 MHz rx

- There is a bank of 8 suface mount diodes on the logic board under W1, 4 on the top row, all diodes installed, and 2 more diodes installed out of 4 on the bottom row. When these 2 diodes on the bottom row are removed (leaving no diodes on the bottom row) this enables expanded TX on UHF and VHF.

- There is supposed to be a mod available which involves running another piece of coax into the radio which will enable 800 Mhz reception. Does anyone have any information about this final modification, or the keypad prodedure to enable the VFO to scan these frequencies!!!

Please Respond If you have any information...

Hugh -

pepperh@demo.bb.unisys.com

3513. Re: FT-5200 Problems (was 'Mods required for the FT726R')

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: i.a.cameron@open.ac.uk
Message-ID: <46orgf$cjo@clyde.open.ac.uk>
Source record: 210989
Cross-posted to: uk.radio.amateur,rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <814702716snz@g4kfk.demon.co.uk>, Mike@g4kfk.demon.co.uk says...
>
>john@g4rev.ampr.org "John Trickey" writes:
>
>> >extract from the reply I received dated October 11th 1994 from JUN
HASEGAWA,
>> >President of Yaesu Musen Co Ltd:
>
>> Now this is facinating...
>
>> >with your FT-5200. We have contacted Yaesu UK regarding this matter and
>
>> Does this mean that SMC know nothing of problems highlighted to Yaesu UK?
>
>I don't know about SMC, though another Yaesu dealer claimed to know nothing
>about the problems with the FT-5200 when I took the rig back to them last
>year.
>
>Yaesu Head Office definitely know; I copied a plethora of postings from
>rec.radio.amateur.misc referring to various subsets of the same problems
>on both the FT-5100 and the FT-5200
>
>> >However, the transmit audio is still poor (both bands), the breakthrough
>> >is unbearable on 2m virtually anywhere I drive during the working day,
>> >and on 70cm anywhere in Central London.
>
>> I get breakthrough, but nowhere near that bad...mind you I don't drive
>> in central London so I can't be sure.
>
>> >> Oh they fixed a "dry joint" in mine. Great! intead of being
intermittent,
>> >> the fault is now permanent!"
>> >
>> >What was the fault?
>
>> There were 2.
>> 1) Frying noises in sub-band speaker while TX'ing at high power on VHF.
>> (You and I know damn well that's poor screening causing the audio stage
>> to take off but try telling them that).

I got this twice ! - Both times intermittent coming through the
internal speaker.

First time around, the rig went back to my local dealer, it was then
forwarded to Yaesu UK. The rig was less then 6 months old, and to say
I was unimpressed is an understatement. 2 weeks later it came back,
and it seemed okay at first, but of course, as the fault is intermittent
and I don't use 50 W on 2m very often, I didn't realise that it was still
there.

Excuse: Dry joints.

A couple of months later I noticed that it was still there, and took it
back. This time the rig was away for 6 weeks, and less than a year old.
I went into see my friendly local radio dealer, who all of a sudden were
not so willing to be helpful. A case of "We have your money now piss off",
I felt. They gave me Yaesu UK's phone number and told me to contact them,
(see my feelings about the dealer above). I did this and was told as said
in here, that because the rig was in spec, it could not be replaced. The
local dealer wasn't interested, because they would not have got a
replacement rig from Yaesu had thay given me a replacement themselves.
I had to phone this man at Yaesu several times at daytime rates, the
call not being local either, I had no use of the rig for 6 weeks, and
all they could do was say "Well we are looking into it, but as the fault
is intermittent we are finding it difficult to replicate the descibed
problem" and "...as the rig is operating within spec, we cannot replace it".
Christ, these people must be tight as arseholes, you would have thought
that after 4 weeks without any success most companies would have said
okay we will give you a replacement, but obviously not Yaesu.

Excuse: The PA block in this and some other Yaesu rigs is prone to
oscillation, we think that is the problem. We blew up your original PA
during testing, so it has now been replaced.

Well thank christ they blew it up ! The only thing that's not covered
in the Yaesu warrenty are the power semiconductors. I thought it was
most reassuring to know that not only the FT5200 suffered with this
oscillating PA problem !

>> 2) Bleedover of sub-band audio into main-band speaker while TX'ing at high
>> power on VHF.
>> Both were intermittent. 1) is now definitely permanent but I'm not sure
>> about 2). Its possible it might be fixed but I must try out the X-Band
>> repeater to see if that now works.
>
>I only have one speaker connected, but it basically sounds like one of
>the same faults that mine has (all the time, not intermittant), and was
>one of the faults commonly discussed by other owners in
rec.radio.amateur.misc
>

I've only used the internal speaker so far, but I'll have a look at this
with mine when I have time.

>> I've filed your reply for future reference although I really do feel like
>> forgetting this on and cutting my losses.

>
>Me too. Yaesu UK have said that the rig is in spec, so that's the end of
>it. I just wish they'd come clean and own up to the fact that there are a
>large number of very dissatisfied FT-5100/5200 owners out there, instead
>of trying to sweep the problem under the carpet - if nothing else though
>it highlights the value of Usenet. Without it, I'd have believed them!
>
>73
>Mike * QRV around 0800 and 1800 most weekdays on GB3HL *
>G4KFK * (Hillingdon 433.075/434.675) and also 51.83 MHz *

Yeah, and me too. I could stand the fact that the rig went wrong,
(it happens) but I didn't think that I got anywhere near receiving a decent
service from Yaesu UK.

If I used 2m/50W a bit more often, I wouldn't be surprised to find that
the fault is still there (have not used it for ages now).

Personally I have decided to steer clear of Yaesu products in future.

Cheers and 73, Ian G0TLB.

3514. Re: HELP: Magellan Meridian GPS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: Bob Fritz <bfritz@sd.inri.com>
Message-ID: <46ovm1$39j@gozer.inri.com>
Source record: 210990
Cross-posted to: sci.geo.satellite-nav,rec.radio.amateur.misc,rec.radio.amateur.equipment

Yes, the Magellan Meridian has a computer interface. It requires a special cable from Magellan. I think the protocol is NMEA, but I don't know the physical pinouts on the cable.

I have the Magellan Meridian, and it works ok for a handheld. Becuase it has few buttons, the interface can be tedious.

Though I just got my amateur license, I don't know what APRS is.

3515. Icom Mobile Advice/Opinions Wanted!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: pferris@galstar.com
Message-ID: <9510262327.AA48009@star08329>
Source record: 210991
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Greetings,

Some time ago my IC-2410-H was stolen from my truck. I've been off the air for nearly a year as a result. However, living in Oklahoma, and entering the fall monsoon/tornado season, I'm starting to miss it again!

To cut to the chase:

I'd like to purchase a "Good" (read "excellent"!) Icom mobile. In NO particular order, the features I'd like are:

1) Dual band VHF/UHF.
2) Lots-o-memories (100's would be nice! I'm spoiled by my AOR-2500!).
3) Cross-band xmit/rx.
4) Illuminated mic -- has Icom figured that not-so-minor feature out yet?! Yeasu, and others have!
5) Freq agility (tx/rx out of band mod with some ease - soldering & nipping ok, chip re-programming - ixnay!)
6) Auto-dial memories (the more, the better!).
7) RF Power out - something in the 45-50W range would be nice.
8) Variable attenuator -20db or BETTER?!
9) Built in diplexor would probably be nice - like 2410.
10) I really liked the 2410... something with comparable or better specs would be nice.

I'm pretty sold on Icom... soo, what's their current top few rigs (Don't want anything TOOO elaborate like a 901 or whatever the remote sys was called)? What are the street prices, and who's the cheapest mail order outfit?

Many thanks for helping to "reactivate" me!

73 de Pete, N5KBD

Peter F. Ferris
pferris@galstar.com

Win95 = Mac89

3516. TS-50 TX MOD , NOT SHURE ????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: NAME: 100623.303@CompuServe.COM;
Message-ID: <46mjot$2ri$1@mhadg.production.compuserve.com>
Source record: 210992
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

i was told that the extended transmit modification is asfollows:-

1. remove bottom cover.

2. locate pll board.

3. find only non-surface mount diode on pll board.

4. cut out diode , replace cover , switch radio on.

job done.

i have not yet tried this could someone plse tell me if this is
correct...
i am also interested in other mods , undocumented features ,etc..

THANX!

ROB

3517. Re: Henry Amp owners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: jhill@timewave.com
Message-ID: <46muak$f2j@bronto.minn.net>
Source record: 210993

In article <46mkl7$aro@newsbf02.news.aol.com
>jchol@aol.com (JCHol) wrote:
>Please send me your comments on Henry Radio amplifier quality and
>customer service.I am considering INVESTING in a Henry 3KD amp.
>It is a big step >for me and a pretty hefty price, so I wanted
>some info about them.

John, I own a 3K Classic-X. It's a great amplifier, but I'd never buy an amp with a roller inductor again. If you chase DX and have to QSY to another band quickly, it's a royal pain retuning when seconds mean the difference between trying to get a rare station with only a few contenders versus an unruly mob. Just my $.02 worth. 73, John, NJ0M.

3518. Re: IC 706 - TX Audio problem?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <46nrev$he3@solaris.cc.vt.edu>
Source record: 210994

Well folks, the jury is in ... I received numerous private replies about the IC 706 and ALL users were extremely happy with their 706's. There were no reports of audio problems or any others for that matter. So, if someone has had a problem it is indeed rare and not inherent to the radio. Looks like I may need to get on one of the waiting lists ...

73 KN4FR

3519. Icom America, Inc Web Site

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <46o4nk$1td@news.halcyon.com>
Source record: 210995

Have you checked out ICOM America's new Web Site yet ?
You will find it at http://www.icomamerica.com

It has a real nice dealer listing, and some links to dealer home pages,
also a catalog of Icom products that can be viewed on line, and a upcomming
show schedule that ICOM plans on attending.

Gary

3520. Realistic DX394 anygood?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: rjs@ids2.idsonline.com
Message-ID: <46o3q7$35h@news.cais.com>
Source record: 210996

Anyone have any experience with this unit. How does it compare to the Sony 2010 portable?

Please respond here, my new ISP has my email address wrong and may change it by the time you reply....

3521. Re: 6146b neutralization---what does it do?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <46oai7$67f@newsbf02.news.aol.com>
Source record: 210997

>Along with the question posted above, I have also heard that the
>neutralization procedure can be performed using a "grid-dip meter". Is
>this factual, and if so, please explain?

>Thanks,

>Robert/KJ7BO

Bob, This assumes the input is a tuned circuit that has separate tuning controls from the output network.

You can do this by coupling the GD meter to the input tank (RIG IS OFF) at the desired frequency. Leave the input tank tuned to resonance, as evidenced by the dip in the meter.

(RIG IS OFF) Tune the output tank through resonance. If you see a change in dip, the circuit is out of neut. Adjust the neut cap until the pulling effect is minimum. remember to re-dip the input after the neut cap is adjusted, but to NOT touch it while checking for pulling by the output tank.

A second method is to use the GDO as a signal source (RIG IS OFF), and look at the tank output with a RF sniffer (receiver). Peak everything for max signal and adjust the neut cap for lowest signal level while re-peaking controls.

The method I use is to feed a RF generator into the output port, and look at the voltage back at the driver output with a scope. I peak everything for max signal, and then dip the signal with the neut cap.

Some points, lack of neut does or can do the following:

Increases IMD (splatter)
Decreases stability (may oscillate)
Distorts the CW envelope (key clicks)
Makes tuning and adjustments touchy
Lowers efficiency

Neutralization stops or reduces unwanted feedback from the output to input of a stage. At some tuning settings the unwanted feedback is in phase. A bit of the output adds to the drive.
At some control settings the effect is nil.
At other control settings the feedback can subtract from the drive signal.
That's why the results of poor neutralization are so unpredictable.

73 Tom

3522. Re: IC 706 - TX Audio problem?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: bobfa@comm.mot.com
Message-ID: <bobfa-2610951231500001@dd381.comm.mot.com>
Source record: 210998

In article <46jak7$228@solaris.cc.vt.edu>, "Gregory J. Buhyoff"
<buhyoff@vt.edu> wrote:

> I have heard a couple of reports (one of them from an owner of the 706)
of possible
> transmit audio problems on the IC 706. I am wondering if any others who
own 706's
> have or had similar problems. The problem seems to revolve around
constricted or
> "pinched" sounding transmit audio as if the person was speaking through
a tube.
---snip--
> Greg KN4FR

I have a IC706 and the xmit audio reports are all very good, some are
great. My audio is better than the hand mike on my FT900AT.

73 Bob KF9OA

--
Bob Fairbairn
bobfa@comm.mot.com
Standard disclaimers apply here.

3523. FT-747GX Software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: Declan Farnan <dfarnan@iol.ie>
Message-ID: <46oka6$snu@barnacle.iol.ie>
Source record: 210999

HI.
I am looking for any suggestions on Software for controling my
Yaesu Ft747GX

Thanks Declan

3524. IC-281 mod needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: ghansen@accessone.com
Message-ID: <ghansen.272.308FD24C@accessone.com>
Source record: 211000

I am looking for the expanded rx mod for the Icom 281H. Any help would be appreciated.

73 - Glenn - KB7PKC

3525. Re: screwy display?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <46om74$fld@crow.cybercomm.net>
Source record: 211001

The problem you are having with the Kenwood TM-241 is a common one related to poor design...the connector that mates the front together with its internal board is sometimes intermittent. If you take both hands and gently twist slightly it usually will fix the problem for a while...

I'm not familiar with the TR-751 but may have similar problem...Kenwood has been having many problems lately with poor solder connections, bad runs of components etc. Too many new rigs being offered and no consideration of the high cost of parts inventory which has been suffering lately...Many hamfesters are becoming uneasy about buying used Kenwood rigs and finding out parts are no longer available..I am speaking from experience of myself and others I personally know. Also the high price of repair (in the hundreds, not including shipping..30-50 bucks each way for 850,940 etc) and then hearing rig cannot be repaired for lack of parts or their dropping tech skill level (they can't keep up with the Kenwood Rig of the Month Club Tech School). Unfortunately the price of speciality and miniaturization is proprietary components available only from Kenwood...when gone or tagged for warranty or new production the return letter is "not economical to repair-parts no longer available"...I have been a faithful Kenwood buyer for years---but not anymore...If I buy a radio for 2000 plus bucks I would like to know it can still be repaired a few years down the line even if I just want to use it for a spare..

Steve, WA2NHZ

3526. Re: How Many FT-530 mods are there?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-26 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <46on08$hko@shore.shore.net>
Source record: 211002

Mike Lubrecht <flowmole@accessone.com> wrote:

>There's a jillion of them. FTP to oak.oakland.edu/pub/hamradio/mods

Not really. Just a jillion different ways to do the same mods. <g>

==========
jjmartin@shore.net | Place your favorite anecdote
Lowell, Massachusetts | or quote within this space.
USAF 1973-1993 |
ex: KA5MWD-N1CLS-KB1LW-HL9ZF |
==========

3527. Re: Rad Shack DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: smackay@news.epix.net
Message-ID: <46pkf6$1ls@guava.epix.net>
Source record: 210867

Fred McKenzie (frederick.mckenzie-1@kmail.ksc.nasa.gov) wrote:
: In article
: <Pine.ULT.3.91.951020130718.11665A-100000@kilby.elee.calpoly.edu>, Cal
: Eustaquio <ceustaqu@kilby.elee.calpoly.edu> wrote:
: > Nope, I still disagree. The main purpose of the DSP unit is to use a
: > computer algorithm to create a "transfer function" that will knock out
: > interference (such as the heterodyning).

: Cal-

: I think the basis of many complaints about the Radio Shack DSP, is that it
: doesn't compare to others on the market. That doesn't mean it isn't
: effective against heterodynes.

: The DSP's ability to knock out a heterodyne is very impressive. However,
: I find that some people talk in a monotone voice, and it knocks them out
: just as well!

: 73, Fred, K4DII

Fred,
at $50.00 a copy the RS DSP does one hell of a good job. I have not
noticed the monotone voice problem. I find the RS DSP quite useful on
CW, too.
73
de W7GSM

3528. 10 Minute ID Timer from Oct. QST

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: "Roy D." <red127@psu.edu>
Message-ID: <46pngt$1jqk@hearst.cac.psu.edu>
Source record: 210868

I finally decided to build SOMETHING, so I started on the ID timer shown in the Oct issue of QST (pg 75.) I thought I would throw out a post to see if any one else has built the thing. Any hints, kinks or suggestions appreciated. (My soldering iron is smoldering as you read this.)

73
--

Roy Derryberry, KD3LZ Member: Aircraft Owners and Pilot's Association
(red127@psu.edu) American Radio Relay League
Utility Workers Union of America

If I'd known I was gonna live this long, I'd taken better care of myself.

3529. Re: !!! Over 400 WWW Ham Sites !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: liz@intex.net
Message-ID: <46r0kj$23g_001@Intex.intex.net>
Source record: 210869
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

In article <NEWTNews.814767294.12034.amsoft@486dx4_120>,
amsoft@epix.net wrote:
>
>Try the URL http://hamster.business.uwo.ca/~amsoft And link to over

Thanks for the link! :)

LIz N.

~~~~~~
Intex.net The Business Community's Internet Provider (214) 669-0999
Elizabeth & John Norsworthy visiting you from Dallas, Tx. via Intex.net
Visit us at: http://www.intex.net/hour_house/hour_house.html
Hour House (Midnight Angel) BBS (214) 243-0378
J&E Computer Services (214) 314-8772
Internet: liz@intex.net
America OnLine: NorsworthE
CompuServe: 102116,3314
FidoNet: 1:124/9023
MSNetwork: Midnight_Angel@msn.com
~~~~~~

3530. Re: HELP: Magellan Meridian GPS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: "William W. Wright" <william.w.wright@cpmx.saic.com>
Message-ID: <3091680C.7703@cpmx.saic.com>
Source record: 210870
Cross-posted to: sci.geo.satellite-nav,rec.radio.amateur.misc,rec.radio.amateur.equipment

There is some good info on GPS at:
ftp://sundae.triumf.ca/pub/peter/index
Regards,
Bill Wright

3531. Re: FT-51R 15 kHz Step Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: houlejm@ireq.hydro.qc.ca
Message-ID: <houlejm-2610952256030001@mac6.ireq.hydro.qc.ca>
Source record: 210871

In article <46fmv8$2of@newsbf02.news.aol.com>, rkmorrow@aol.com (RKMorrow)
wrote:

> When I set the step size to 15 kHz on the VHF segment, the step size
> refuses to carry across 100 kHz boundaries. For example, I key in 146.52
> and step down one; result is 146.50 instead of 146.505. Now I step up one
> and get 146.515. This makes the 15 kHz step size useless. Anyone else
> get the same result?

I have the same problem. I ended with 5 kHz step size. Not very logical
when one wants to use the scanning function.

Also:

Does anybody uses the DTMF autodialer? When the radio is in this mode, one
cannot use the keypad to send access codes. BTW how are we supposed to
erase a DTMF number from memory?

What about the low battery alarm? The radio is smart enough to tell you
the battery voltage and even the model of battery pack used but the low
battery alarm is set to 4 volts. That is ok when using the 4.8 volts
battery but much too late when using the 7.2 or the 9.6 volts batteries

--
Jean-Marie VE2AEY

3532. Re: Icom America, Inc Web Site

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: eus.eusmge@memo.ericsson.se
Message-ID: <46qn73$hq3@cnn.exu.ericsson.se>
Source record: 210872

On 26 Oct 1995 14:07:48 GMT, "Gary P. Fiber" <gfiber@halcyon.com>
wrote:

>Have you checked out ICOM America's new Web Site yet ?
>You will find it at http://www.icomamerica.com

You can save an extra link and some online advertizing by going right
to http://www.oz.net/icom/

Thanks for the original tip Gary. 73, Mike - KD6PKJ

3533. MFJ 259 Circuit Diagram

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: Andy Jeutter <jeutter@sirius.ag01.kodak.com>
Message-ID: <46qs0s$1ef@kodak.rdcs.Kodak.COM>
Source record: 210873

Hi all,

I use a MFJ 259 SWR analyser but I lack the circuit diagram.
I wrote a letter to MFJ but they only sent me the manual without the
diagram. Does anybody have it?

73, Andy DL4SEI

3534. Re: mobile hf, High Serria antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: Garry Foster <gmfoster@epix.net>
Message-ID: <Pine.SUN.3.91.951027125227.6214B-100000@plum.epix.net>
Source record: 210874

Many people have built this antenna. Don jihnson designge and complete
plans are in his boor 40 + 5 years of HF Mobeling(or however its spelled)

Garry(WB0NNO)

On 26 Oct 1995, My name is... wrote:

> Has anyone tried to build an equivalent to this mobile antenna?
>
> Ken
>
>

3535. Re: IC-706 LOCATED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: discus@caverns.com
Message-ID: <46pjm2$8hn@thales.nmia.com>
Source record: 210875

n4lq@iglou.iglou.com (Steve Ellington) wrote:

>The Ham Station in Evansville IN just got a shipment of 706's in for
>those trying to find one. Their number is 800-729-4373. I have one on the
>way and will be using it mostly for cw, qsk work. I'll post my results.
>Gadgets for it are not yet available. I wanted the cw filter but they
>don't seem to have any yet.
>--
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

The cw filters for the 706 are the readily available FL-100 (500Hz)
and FL-101 (250Hz). I got the FL-101 from AES, no problem.

73 Larry (NU5M)

3536. Re: Help---First TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: Ian Brothwell <ibx@cs.nott.ac.uk>
Message-ID: <46r4ak$9ur@griffin.ccc.nottingham.ac.uk>
Source record: 210876
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

With your spec requiring HF as well as VHF then are you looking for a TNC that offers modes other than just packet?
If this is so then you could consider:

Kantronics KAM
AEA PK232MBX
MFJ 1278

OR you could be more wide-ranging and get:

1. TNC for packet on VHF and
2. Dedicated HF multimode equipment such as BMKMulty software and Multyterm interface - see http://cs.nott.ac.uk/~ibx/BARTG/Sales/

Regards, Ian G4EAN@GB7BAD or ibc@cs.nott.ac.uk

3537. Icom IC-25H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: rgm@bilbo.baylor.edu
Message-ID: <46r3ir$oju@BUDS1.baylor.edu>
Source record: 210877

Hey All,
A few months ago I purchased a (used) Icom IC-25H 2-meter tranceiver. I've been using it at home for packet and local repeaters and have been quite pleased with it.
The only problem that I have is that the manual that came with it was for a 25-A. This isn't a big problem, because the only major difference between the two his output power. (25 W for the A, 45 for the H). There is however a minor difference in the back panels. My radio has a phono plug labeled Back Up that isn't mentioned in my manual.
Could someone tell me what this does? Also, are there any other differences that I'm not aware of?

Thanks,
-Ross
KB2RVB

3538. Re: 1.2 FM or 430 AM ATV want your opinion

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct27.140725.26693@ke4zv.atl.ga.us>
Source record: 210878

In article <nv7v.4.00009C0E@burgoyne.com> nv7v@burgoyne.com (Steven Whitehead) writes:
>Our local group is getting involved with using ATV for public service. I am
>thinking that 1.2 FM would work best with portable equipment rather than using
>430 Mhz.
>
>What do you think?

I think you'll do even better on 2.3 GHz. That's near where most
TV news trucks operate (a source of surplus equipment). The
antennas needed to control multipath are smaller and handier than
at lower UHF. You can even do manpack reasonably well, though that
works better with an even higher frequency unless you have an assistant
to handle the antenna. (We've used a Golden Rod, attached to a paint
roller extension handle, carried by an assistant, but it's better
if you can mount everything right to the manpack. Then you can
operate one man band fashion.)

We usually use K band for manpack applications. A gain slot
vertical mounted on the manpack, and a small dish hand tracked for
the receiver, works well, even on convention floors. However, a
circularly polarized antenna, like the quadrafilar helix, works
better. First reflections are opposite circular sense from the
desired signal, so you get good cancellation on that.

The big problem with portable, especially manpack, TV transmission
is ghosting caused by multipath, so you want to use a frequency
where you can control that while having the smallest possible
antennas.

BTW a very popular 2 GHz CP antenna, made by Nurad and called
the Golden Rod, is simply made up of fender washers (about 4.15 cm
outside diameter) mounted on a 5 foot piece of all-thread (3/8 in)
with jam nuts, and housed in a yellow piece of fiberglass tubing.
You can make your own for a few bucks. Just chuck the fender washers,
start with 2 inch washers, in a drill using a bolt for a mandrel
and dress them down with a file to the desired diameter for each
director. The only tricky part is making the driven element and
the phase splitter (Nurad used one by Mini-Circuits). The driven
element is made of PC board with dual polarity feed. You can use
PVC pipe instead of fiberglass for the cover without much extra loss.
If you're feeling high buck, you can copper plate the washers, or use
actual copper or aluminum washers, Nurad just used hardware store
steel washers and they work Ok. The antenna is end mounted to a
flat aluminum plate which serves as the reflector (and also as
a mount and heatsink for the PA).

A 1 watt signal can easily go 20 miles, and the 10 watts we normally use in the trucks, coupled with the 50 foot pneumatic masts and high receive sites, gives us 50 miles range while still having a video SNR of 48 db, IE broadcast quality transmission. We mount the PAs on the antennas, and use flexible cable (just plain old RG-9) down to the 1 watt exciter in the truck.

You want switchable polarization sense on one end of the path so that if you don't have line of sight you can use a bounce shot. You can bounce the signal off a tall building, a water tank, or even a mountain face in many instances. That sort of thing is very unwieldy to attempt at 70 cm. The required antennas are far too large for portable work.

Up at K band, it's far too expensive to make much power, so that's limited to a few milliwatts and short range, less than a mile with 2 foot dishes. But that's often just what you need to relay a manpack signal back to a truck for relay to the station, or to track a rover on a convention floor (or the sideline of a sporting event).

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3539. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: riffbandit@aol.com
Message-ID: <46rl82$s3g@newsbf02.news.aol.com>
Source record: 210879

I'm on a list for the IC-706...I'm wondering about the PC connection.
Does Icom recommend any particular software, or do they just give
protocols?

Dan Gunderson
N9MUF

3540. Re: Quieting reed relays?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <12040.814828926@safety.ics.uci.edu>
Source record: 210880

In rec.radio.amateur.equipment you write:

>turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) wrote:
>>I just got an OMNI VI. It is a good basic radio, with only a few
>>drawbacks. It has a reed relay that controls some part of the keying
>>circuit (yeah, I don't believe it either...I heard the relay, and called
>>Ten Tec who said it was the reed relay)

>I doubt that this is a reed relay. They are quit quiet. My Swan has one, can't
>hear it. I've also worked on equipment with as many as six relays - all noiseless.
>Most likely it is a standard frame relay.

Hi Bruce. It is a reed relay. Ten Tec pointed it out to me and I have
been working to quiet it on the board. It makes reed relay sounds, like
the Kenwoods and the Yaesus, etc.... It is not an open frame relay, I
know what they are and have dealt with them for years now.
The amplifier relay is turned off. Reed relays are not noiseless to me,
maybe I hear at a different level than you do. Do you have any
suggestions to quiet them?

Clark
WA3JPG

3541. Radio Equiptment for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: aspicer@aksi.net
Message-ID: <46ru17$fqr@wn.aksi.net>
Source record: 210881

For Sale:

Yaesu Mobile (Amatuer Radio Bands) Dual-Band Tranceiver... Vhf/Uhf
(2-Meter/70-Cm).....Model FT-5100
** Dual <simultaneus receive> receive on both bands, or two freq's on same
band.

** Cross-Band Repeator Operation (great for camping/exploring, your own rpt!)

Tell me what you think it is worth???

President Jackson 11-Meter Mobile Tranceiver (Citizens Band)
** ABCDE Band Select (5 x 40-channels)
** +10Khz (Able Channels)
** A.M., F.M., S.S.B., Roger Beep, Rf/Mic. Gain, Broad/Narrow Clarifier
(reciever incremental tuning for you techies)
** Tuned and Checked by Technician, working great! Power+++

$125.00 (make an offer!)

Alan Spicer - KA4UDX - aspicer@aksi.net
aspicer@satelnet.org

3542. Anybody using Kenwood TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: jtpjatae@bicc00.bi.ehu.ES
Message-ID: <9510271538.AA28252@bicc00.bi.ehu.es>
Source record: 210882

Is there anybody using Kenwood TS-870?. I am considering the purchase of an HF rig (after having passed, I think, the code exam). I have been reading many things about TS-870 on several online services, but I think haven't read any first-hand comments.

Has anybody used it?, how does it compare to TS-850 with filters installed?

Best regards.

Eduardo, SPAIN
Soon on your waves as EC2???

3543. Re: SB 220 hook up

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <46poeg$17m@newsbf02.news.aol.com>
Source record: 210883

In article <46oucm$dq4@giga.bga.com>, kk5dr@bga.com writes:

>From the accessory plug on the back of the rig you can find 12vdc on TX,
use
>this to key the outboard
>relay, then use one of the contacts on the OB relay to key to SB-220.
>
Or use this:

220 keying--------c
b-----------1k ohm----12 v positive
rig keying----------e

NPN HV
Connect a 10 k resistor from B to E of the transistor also.

This limits the voltage to 12 v at the rig, and has no moving parts. If
the rig can not handle the 20 to 40 mA of keying line peak current, a
buffer can be added to the rig connection of the above circuit like this:
e-------to NPN's emitter in
place of rig
new rig keying---470 ohm---b
c-------gnd
PNP (like 2N3906)
again also put a 10k from e to b on this one.

Does the same thing with no extra relay to wear out, and now has almost no
relay current!

73 Tom

3544. Re: WWV Clock

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: David Sorrel <dsorrel@omen.com.au>
Message-ID: <46pcvg$uuj@hades.omen.com.au>
Source record: 210884
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Howard,

Didn't last month's QST have an article on building an external ant. for GPS? I know I recently read an article on this subject. If you can't find it, mail me and I will look it up for you.

David, VK6VW

3545. Yaesu FT-51R HELP...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: smitty@tnce.com
Message-ID: <2NgNDD1w165w@tnce.com>
Source record: 210885

I hope I'm in the right area. I'm posting for a friend. If you have any help, please e-mail me. I'm looking for any mods for a Yaesu FT-51R.

Smitty@The National Cheese Emporium BBS * ASP member BBS *
(215)673-0261 Philadelphia, USA "The City of Brotherly Love"
(that always cracks me up)

3546. Re: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DH5Au5.FwF@eskimo.com>
Source record: 210886

The TS-850S/AT can be bought for about $1700 U.S. Don't know about the others.

73, Bill W7LZP
wrt@eskimo.com

3547. Re: HELP PLEASE! - Old RCA Senior Volt-Ohmist

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DH5BCG.GEq@eskimo.com>
Source record: 210887

In article <1995Oct23.150414.106322@kuhub.cc.ukans.edu>,
Dick Harper <dharper@kumc.wpo.ukans.edu> wrote:
>I thought I might be able to restore the above after getting it in
>a lot of test equip. at a Hamfest.
>
>Since it had some corrosion on the bottom of the from panel I opened
>it to find a corroded Alkaline 1.5v cell soldered in place. While
>the battery bracket looked original the cell wasn't.
>
>The unit is AC operated with one 12AU7, and two 6AL5 tubes.
>
>I can't get it to calibrate high enough on the DC ranges. ie, at
>a 1.48v source the best I can get the meter to read is about 1.3v.
>
>Also while I can get a zero ohms with the probes shorted I can't get
>infinity on the high end.
>
>Any idea what type of battery should be in it?
>Do you think new tubes would help?
>Do you think the capacitors are so old they should be replaced?
>Am I wasting my time on this thing?
>

Tow comments:

You need to fix the DC voltage problem first and then the ohms problem. Try new tubes first, and that will probably do it. If not, check the power supply capacitors to see if they are open.

This may fix your ohms problem at the same time, but if it doesn't:

All of those old vacuum tube volt meters had essentially the same circuit, using a 1.5 volt carbon-zinc battery as the source of voltage for the ohms circuit. If I remember right, the alkaline type has a slightly lower voltage (I don't have any on hand to test this, but am pretty sure). Replace it with a real carbon-zinc type and see if that fixes it the ohms problem.

Good luck!

73, Bill W7LZP
wrt@eskimo.com

3548. WTB: Motorola Spectra Tac

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: Chris Huber <szhuber@peseta.ucdavis.edu>
Message-ID: <Pine.SOL.3.91.951027131638.13411A-100000@bullwinkle.ucdavis.edu>
Source record: 210888

Hi, thanks for reading this.

I'm in need of this style chassis in any combination. I have the receive strip for this UHF ham project, but need away to house these receivers. Would also need the Audio Control Module, and Tone PL Decoder Module. If you can provide any or all of the above, please reply with what it would take to meet your needs.

Thanks again, Chris N6ICW

++
Chris Huber
Telecommunications Voice: 916-734-0085
UC Davis Medical Center Pager: 916-762-6860
Sacramento, Ca. 95817 Internet:cahuber@ucdavis.edu
++

3549. Standard HT Dual band AM ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: szrwryan@chip.ucdavis.edu
Message-ID: <46rhi1$96u@mark.ucdavis.edu>
Source record: 210889

I have recently picked up a Standard Dual Band HT mod 228 I think
.. Is it possible to receive AM Aircraft bands ? It tunes there but
will not detect Am.. Anyone have any Ideas ?
Thanks, Rich WB6HNC

Richard Ryan
University of California Davis Medical Center
Clinical Engineering - Imaging Group
rwryan@ucdavis.edu
r.ryan20@genie.geis.com

3550. Re: Icom IC-W31A mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: walt@lfs.loral.com
Message-ID: <46qj7j$q8t@watnews1.watson.ibm.com>
Source record: 210890

In <46j8un$8iu@news.accessone.com>, Mike Lubrecht <flowmole@accessone.com> writes:
>Apologies in advance if this shows up twice!
>
>Does anyone have hardware or firmware mods to extend RX/TX range of Icom
>IC-W31A? This is my first ham radio -- I just passed my Technician class
>license and am waiting for my call sign. I'm looking forward to getting
>on the air. Thanks in advance to anyone who can assist!

Mike

I've also bought the IC-W31A...

Contact ICOM via e-mail at: 75540.525@compuserve.com and request all
mods. They will send you the mods for wide range receive.

You can also get your signon NOW from the WWW. See elsewhere in this
newsgroup for the pointer.

Welcome aboard!

Walt Johnson N3385L
KB2UOU Cessna A185E
Loral Federal Systems Group EDO 2790
Owego, New York 13827 The comments expressed
waltj@lfs.loral.com above are my own and do
(607-751-2158) not reflect the position
FAX(607-751-6223) of the Loral Corporation

3551. Re: FT-51R 15 kHz Step Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <46qmh9$cv1@newsbf02.news.aol.com>
Source record: 210891

Yes I noticed the same thing with the 9.6 volt pack..no warning that the pack is low. Why bother putting a low battery indicator in if it will only work with one pack???
Otherwise, a great radio..I'm willing to put up with a few of its minor quirks..it will suck down a 9.6 volt pack though fast if you do much transmitting at all at high pwr.

3552. Re: Anybody using Kenwood TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <46ritm$bq4@safety.ics.uci.edu>
Source record: 210892

Hi Eduardo:

I played with the Kenwood 870 next to the Kenwood 850 at our local HRO store for about an hour on 20 meters in the middle of the day. It was relatively crowded.

I liked the 870, it is a neat radio. The filtering is very similar to the slope tuning with display of the old 940, but implemented as DSP in the "4th IF". I believe we could not use the noise reduction simultaneously with the carrier killer. The filtering seemed effective, and the controls were laid out well.

The 850 with all the filters seemed to hear anything that the 870 could (same antenna). It handled QRM about the same, too. I was there with a ham who had the money in his pocket for the 870 and was about to walk away with one (he already owns an 850). He was quite anxious to buy one. After we had used the two next to each other under the same conditions, he decided to stay with his 850. The 870 is a "better" radio, no doubt, but it was not a big enough difference to be really noticed under the sorts of conditions he works with (crowds on 20 meters on SSB and on CW) We just could not find anything that the 870 could hear that the 850 could not do just as well to our ears.

73

Clark
WA3JPG

3553. Re: What is the price of Kenwood TS-450AT/850AT/TS-870 in the USA?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-27 00:00:00 UTC
From: David Sorrel <dsorrel@omen.com.au>
Message-ID: <46pdbd$uuj@hades.omen.com.au>
Source record: 210893

Thomas,

I go to http://www.hamradio.com/ to get reference prices. This is the
home page for Ham Radio Outlet in the US.

Ha do,
73
David, VK6VW

3554. Re: Opinions wanted: new newsgroup .forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <46titn$12d@vivanews.vivanet.com>
Source record: 210803

Dale Chidester (chideste@xvnews.unconfigured.domain) wrote:

: Why do people have such a problem with using rec.radio.swap? Is it that they don't
: know it exists? rec.radio.swap is intended for radio sales of all types, CB,
: amateur, SWL, etc. Who needs another news group? Educate the users! FS and WTB
: belong in rec.radio.swap period, end sentence.

Absolutely correct. The problem, however, is that even when the users
are educated in a polite manner, they start acting like 9 year-olds, and
complain about being victimized. Some of them are even immature enough
to intentionally post ads. Isn't it amazing how some people will
attempt to cover up the fact that they're being immature by acting even
MORE immature, just to prove that they're too important to follow
USENET conventions?

Rich Mulvey, aa2ys Rochester, NY USA
mulveyr@vivanet.com
aa2ys@net.wb2psi.ampr.org
aa2ys@wb2psi.#wny.ny.us

3555. Re: IC-706 LOCATED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: "Thomas C. Brockdorf" <tbrock@execpc.com>
Message-ID: <46tl5a$t3k@daily-planet.execpc.com>
Source record: 210804

n4lq@iglou.iglou.com (Steve Ellington) wrote:
>The Ham Station in Evansville IN just got a shipment of 706's in for
>those trying to find one. Their number is 800-729-4373. I have one on the
>way and will be using it mostly for cw, qsk work. I'll post my results.
>Gadgets for it are not yet available. I wanted the cw filter but they
>don't seem to have any yet.
>--
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky
Steve,
Thanks for the info on where to find the 706.
I have been waiting for this rig since I first heard rumors
of it.
I called my local Dealer, and they have a 2-3 week waiting list.
I ordered one from Ham Station, and it should be here Tuesday.
I do feel guilty about not supporting my local dealer. I always
buy from them, unless it is something they don't have, even if
the price is a little lower someplace else. I try to do my part
to keep them around. It is so convienient having them in the same
city.
Can't wait to try out my 706.
73 de Thomas AA9IS tbrock@execpc.com

3556. Help beginner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: safi@uhunix.uhcc.hawaii.edu
Message-ID: <DH56M8.Cyp@news.hawaii.edu>
Source record: 210805

What is a good 2 m transceiver for beginner hams (Technician plus license).

Farhad Safi
safi@Hawaii.edu

3557. auto ECM - which work? 2m/440 92,3,4,5,6

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: perry@ccs.neu.edu
Message-ID: <46tq0a$g0q@camelot.ccs.neu.edu>
Source record: 210806

A friend is considering a replacement for his current car and would like some information on RFI problems with the new onboard computers.

He is interested in vehicles from 1992,3,4,5,6.

Of particular interest is people's experiences with Saturn, Honda, Nissan, Geo, Toyota and Infiniti automobiles. I already know about the September 1994 QST article and the March 1995 lab notes column.

He currently plans a 2m/440 HT installation using the cigarette lighter for power (with icom power filter) running 5 watts but will probably either add an amp to get 30-40 watts or buy a mobile rig with 50 watts some time in the future. HF operation mobile is not likely.

Please respond directly and I will summarize to rec.radio.amateur.equipment if needed.

Thanks again!

Jeffrey Perry
j.perry@lynx.dac.neu.edu

3558. Re: an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <46tr8u$9p4@hg.oro.net>
Source record: 210807
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.home

bobw@col.hp.com (Bob Witte) wrote:

>Bob Witte / bobw@col.hp.com / HP / EMD / (719) 590-3230 / KB0CY / 7J1AUE

By any chance the Bob Witte that was with Teledyne Ryan Space Systems
Microwave Lab in the late '60s early 70s?

Jim

Jim Weir VP Engineering | "We seem to be standing on
RST Engineering | the foreskin of technology."
Grass Valley CA 95945 | (Gen Chuck Yeager)
voice/fax 916/272-1432 |
rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

3559. WTB: Old mechanical calculators

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: phil@SANDH.COM
Message-ID: <0000264F00000E3C@SANDH.COM>
Source record: 210808

I am interested in purchasing old mechanical calculators and slide rules.

I collect the old electro-mechanical "rotary" calculators that were made by Friden, Marchant, Monroe, and other manufacturers from the period of the 1900's through the late 1960's. I also collect non-electrical mechanical calculators. I am not interested in adding machines that print on tape or electronic calculators.

If you have an old mechanical calculator or slide rule collecting dust in a closet, please send me an e-mail message.

Phil Sherrod (phil@sandh.com)

-- 13: usenet.rec.radio.amateur.equipment --

3560. Yeasu FT-10r

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: bgray@connix.com
Message-ID: <46ts5i$bt1@comet.connix.com>
Source record: 210809

Does anyone have the MARS/CAP mod for this radio?

-Bri
bgray@connix.com

3561. Looking for the guy selling military radios at Lowell

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: jgawne <jgawne@tiac.net>
Message-ID: <46u3df$7lp@sundog.tiac.net>
Source record: 210810

I'm trying to track down the fellow that had the military gear
at the last Lowell show. If you're here- I have that M209 video
for you.

Drop me a line

jgawne@tiac.net

3562. Wanted: 70cm module for YAESU FTV107R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: JanWillem.WalravenBorst@inter.net.nl
Message-ID: <46u00n$7me@altrade.nijmegen.inter.nl.net>
Source record: 210811

Hello,

My 70 cm transverter module in the FTV 107R broke down. Who has one
for sale,

73 Jan Willem PA3BHQ

3563. Re: SB 220 hook up

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <46u8u6$m45@giga.bga.com>
Source record: 210812

Most hams will not know how to do your hookup, relays don't cost much, & I've never had 1 "wearout".

3564. Re: SB 220 hook up

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <46u901$m45@giga.bga.com>
Source record: 210813

My number 1 rule; "Keep it simple!"

3565. Re: Hamfest info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: cps@access.digex.net
Message-ID: <cps-2810951831300001@bab00110.slip.digex.net>
Source record: 210814
Cross-posted to: rec.radio.amateur.equipment,rec.radio.shortwave

In article <46ptpi$f7k@ixnews2.ix.netcom.com>, daveph@ix.netcom.com (David Hay) wrote:

> Fellow radio enthusiasts,
>
> I've heard that there is going to be a hamfest/swapmeet in Maryland
> (Mason-Dixon Hamfest?) on 10/29/95. I would appreciate any and all info
> on this event and possible directions from Pittsburgh, PA.
> Thanks in advance.
>
> Dave
> daveph@ix.netcom.com

Yes, it is tomorrow (10/29) in Westminster, MD. It is at the Agricultural Center, off of Smith avenue. I don't have the flier in front of me, but here are the basic directions:

The AG center is on Smith Avenue, off of MD Rt 32. Coming from the north, you would want to get onto MD rt 140, going east into Westminster. Then take Rt 32, which is a right turn (also called Main Street). (This takes you through town. It isn't the fastest route, but it works) Continue on rt 32 out of town, and Smith Avenue is on your right. Alternatively, continue on rt 140 throught town, and take a left onto Center Street, this will put you onto rt 32 South. There are some signs up in town pointing you to the Ag Center, which is adjacent to the Farm Museum.

Note: This is *not* a large hamfest. I'll be going, but then again, I live in Westminster and it's 7 minutes or so away.

Chris

--

|Check out my WWW page at http://www.access.digex.net/~cps/ for scientific |
|software for the Mac, Free Radio, Shortwave Radio, and Spy Numbers Stations |
|information. |
|Finger me (cps@access.digex.net) for my PGP Public Key |

3566. Re: Dentron Super Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: "Edwin J. Bailen" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.951028173246.11385A-100000@matrix.eden.com>
Source record: 210815

On 26 Oct 1995, Bill Howell wrote:

> Date: 26 OCT 1995 05:00:16 GMT
> From: Bill Howell <bhowell@mail.utexas.edu>
> Newgroups: rec.radio.amateur.equipment
> Subject: Re: Dentron Super Tuner
>
> In article <rogers-9509231254.AA000127653@eng15>, rogers@eng15.rochny.USpra.abb.COM
(Bill_Rogers) says:
> >
> >
> >Hi All:
> >
> >Perhaps someone familiar with the Dentron Super Tuner could answer a few questions for
> >>>>>>>>>>>>>>>snip<<<<<<<<<<<<<<<<<<<<<<<<
>
> My Dentron ST has a sticker on the back...check yours... mine says:
> model 160-10AT 1KW.
> The inductor is switched, not roller type.
>
> Quoting from the instruction manual (2 pages !) it says:
>
> "The Dentron 160-10 AT Antenna Tuner (transmatch) will couple a 160 - 10
> meter Transmitter to almost any type antenna system."
>
> I could fax you the two pages if you like.
>
> BTW, I paid abt $60 for mine,used.
>
> Bill Howell
> bhowell@mail.utexas.edu
>
>
>
>
My Dentron has no sticker on the back. On the front, it says "160-10 AT
TRANSMATCH" how does it differ from a Super Tuner, and what is its rating?
It appears to handle 600 watts with no trouble. TIA

Ed Bailen -- N5KZW
My religion? Geek Orthodox!

3567. fox

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: ajarvis@ramlink.net
Message-ID: <46uf69$q7c@ram2.ramlink.net>
Source record: 210816

```
the quick brown fox for sale
```

3568. I NEED HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: p011848b@pbfreenet.seflin.lib.fl.us
Message-ID: <46tto1$8fv@bcfreenet.seflin.lib.fl.us>
Source record: 210817

What type of HAM equipment do I need to communicate with Europe?

What type of antenna or satelite dish do I need?

How much do I have to invest in equipment?

What is the latest technology on HAM equipment?

Thank You, Please contact me from e-mail.

--

Ertug Yucebas
p011848b@pbfreenet.seflin.lib.fl.us

3569. Need help troubleshooting

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: scibelli@ix.netcom.com
Message-ID: <46sdnk$a56@ixnews4.ix.netcom.com>
Source record: 210818

When I run my IC-735 directly into a oil can dummy load no problem. 100 watts out and 1 to 1 SWR as measured by the rig's meter on 160 thru 10.

However, run the rig through my Heath SA-2060A ATU and I have problems. Running the rig through the tuner in the bypass position to the same dummy load gives different power and swr readings on some bands. All is ok on 160 thru 15. On 17 I see a slight pickup in the swr using the rig's meter; the swr rises to about 1.3 to 1, but is still 1 to 1 on the Heath. On 15 the power readings start to drop to around 80 watts as measured on the Heath and 90 on the Icom. SWR reads 2.5 to 1 on the Icom and 1 to 1 on the Heath. On 12 the power readings are around 30 watts with either meter. SWR reads over 3 to 1 on the Icom, and I can't get a full scale deflection on the Heath to get a reading. On 10 I read about 5 watts using the Heath and 25 with the Icom. SWR can't be measured on the Heath and reads well over 3 on the Icom. That's about it. I built the Heath and it worked fine till recently. The controls in the Heath sensor unit were factory preset and I've never fooled with them. Just had a local rag chew on 10 using the tuner and the fellas said no way does it sound like 5 watts.

I'm thinking it's the wiper in the antenna selector switch, but would this manifest itself on only some bands? Any help is appreciated. BTW, I did spray some Deoxit on the switch but to no avail.

Chris
NU1O

---
scibelli@ix.netcom.com
sjs1994@delphi.com

3570. Re: Quieting reed relays?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: kh6ijs@mauigate.mauigateway.com
Message-ID: <81517027074051@mauigate.mauigateway.com>
Source record: 210819

TU>I just got an OMNI VI. It is a good basic radio, with only a few
TU>drawbacks. It has a reed relay that controls some part of the keying
TU>circuit (yeah, I don't believe it either...I heard the relay, and called
TU>Ten Tec who said it was the reed relay)

TU>Now, I will look to see exactly where it is...and try to figure out whether
TU>I can replace it with a transistor or something. I would rather leave
TU>well enough alone if I can - hence my question:

TU>Anyone know how to "quiet" a reed relay?

TU>I thought I could take it off the board then remount it into some rubber
TU>or silicone cement on the circuit board to deaden the sound. I also
TU>thought that I might then cover it with a little styrofoam box of some
TU>sort. Any suggestions? Anyone else have the OMNI and want to figure
TU>this out with me?

TU>Clark
TU>WA3JPG

Try replacing the noisy relay with a Mercury whetted relay. It's quiet
and fast. I replaced the noisy relay in my HW 8 and a friend replaced
his noisy relay in his noisy Argonaut. GL

3571. Re: Hostmaster for Kam Plus Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: rcarscad@MAIL.ATCON.COM
Message-ID: <46s468$kd2@thor.atcon.com>
Source record: 210820

n4lq@iglou.iglou.com (Steve Ellington) wrote:

>One good program I use here is called XPKAM. It is sold by XPWARWE and is
>much more advanced than Hostmaster. Possibly HM has improved since I got
>my copy 2 years ago. HM did'nt have the robot cq feature at the time.
>Also, another good one is KAGOLD. It is similar and both sell for a
>goodly some of about $70 or so.
>--
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

For what it is worth I agree with Steve N4LQ, After using Hostmaster
II Plus for the last couple of years - I switched to XPKam and think
that it is twice as good a programe It is written by Gary Johnson you
can get a copy of his programe from ftp.indirect.com pub/www/gjohnson
you can run the programe for 100 trys before haveing to register it
good luck 73 Bob Carscadden VY2RO rcarscad@atcon.com

3572. Re: IC 706 - TX Audio problem?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: "Charles J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <46ruk9$rmg@vixen.cso.uiuc.edu>
Source record: 210894

I think it's a question of taste. On 20M, I would imagine that you would get good reports...clean, easy to understand, cuts through the noise. On 80M (exceptions of course) I would expect reports like...clean, cuts thru the noise, but somewhat pinched up. I have a friend who got one and he really sounds pinched up...even when he moved the carrier point down (by the adjustment in the menu). I don't like it....but when he goes mobil, I will be glad to be able to understand him in the noise.
I had an Icom 735 and it had a solder pad adjustment in the mike amp inside the rig to allow more bass response in addition to a transmit tone control on the rear. It was really pinched up right out of the box. I just figured that Icom is into pinched up communications sound.
Chuck.
KE9UW

3573. High Res I/O for Visual Basic

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: Scott Currier <74514.2615@CompuServe.COM>
Message-ID: <46s3d0$1ee$1@mhafc.production.compuserve.com>
Source record: 210895
Cross-posted to: comp.os.ms-windows.programmer.controls,comp.sys.ibm.pc.hardware.misc,rec.radio.amateur.equipment,sci.electronics,alt.comp.hardware.homebuilt

EVIO.VBX
Add a VB / Windows front-end to your robotics, home automation or controls project. EVIO provides for "event-driven" port I/O using 16 bit Visual Basic
v3.0 or 4.0. This VBX Allows for bit or byte operation in "event" (timer based) or polled modes. Look for our 32bit/WIN95 version soon.

HREVIO.VBX { resolution to 5 mS using Visual Basic !!! }

HREVIO is a high resolution version of the Event-Driven I/O VBX for the control of peripheral devices connected to the PC. These VBX
controls are great fun for all types of design projects.

HREVIO16.VBX - Our WORD based port I/O version.

http://users.aol.com/VerPer/vp1.htm
ftp://users.aol.com/VerPer/pub

Contact Scott at 74514.2615@compuserve.com or you may order directly on CompuServe by typing GO SWREG with one or more of the following ID's

EVIO ID 5063 --- HREVIO ID 8044 --- HREVIO16 ID 8048

3574. Re: 10 Minute ID Timer from Oct. QST

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: rchappel@ix.netcom.com
Message-ID: <46s4tt$47i@ixnews7.ix.netcom.com>
Source record: 210896

I built it the other evening as my first project also. Rad Shack has a nice little plastic project box with internal mounting posts and PC board that is just the right size. The components fit nicely on the board and you can do the wiring on the bottom. I ran my power feed harness across the bottom of the board and the ground across the top. Cut two little holes in the end of the box for the power leads to enter and exit. Watch out when you wire for you may have to jump and if so it is possible to get the jump so high that it touches the metal box base or gets squashed back onto the wire that you are jumping and shorts the box.

Porky
KB0UFN
73

3575. Help:KPC-3 and Kenwood radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: skulyov@freenet.columbus.oh.us
Message-ID: <46sbkt$4k3@acme.freenet.columbus.oh.us>
Source record: 210897

Hi gang, does anybody suggest how to connect correctly the KPC-3 and
Kenwood 2 mradio TM-201A?

Appreciate for any help.

73! Sergei

AA8OT/5, UA3AP

3576. Alinco Users manual (Electronic)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: jaya@multimedia.hqsl.stratus.com
Message-ID: <jaya.23.0026F263@multimedia.hqsl.stratus.com>
Source record: 210898

For those who might not know, there is a re-written users manual for the Alinco DJ-580. It is available by requesting it. Send inquiries to :

Jay_Appell@cac.zen.stratus.com

3577. Re: Hallicrafters Model S38A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: ab5p@swcp.com
Message-ID: <46tr29$b7r@sloth.swcp.com>
Source record: 210899
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

n4lq@iglou.iglou.com (Steve Ellington) wrote:

>These were cheap, bottom of the line radios. Some were used by novices
>but they were not very satisfactory for communication. They covered the
>AM broadcast band up to 30 MC. There must of been a million of them sold
>and they are only worth about $40 for one in good condition. Don't spend
>any money on it unless you intend to keep it as a collector. Also, these
>were ac/dc radios with no power transformer and tended to hum. Usually
>the ac bypass capacitors and filter capacitors need replacing.

As a teenager in the late fifties, with no money, I picked up an S38-C
version of this radio, and spent many, many hours Shortwave Listening.
I have many fond memories of it, and managed to pick one up in
mint condition at a ham swap fest, for $30. BUT, as already
suggested, it is not worth spending a lot of time or money restoring
one, unless for you there is some other motive, such as
sentimentality.

They were very simple radios, and I wouldn't even consider one for
shortwave listening today. I remember that I had to use an external
RF amplifier to get it to "hear" most DX stations.

One of the weaknesses of the design is that the filaments of the tubes
are wired in series, and if one goes, they all stop "lighting up". A
really bad "feature" is that the pilot lamp for the dial is wired in
parallel with the filament of the rectifier tube, and IF THE BULB
BURNS OUT, THE FILAMENT OF THE RECTIFIER TUBE
ALSO BURNS OUT! After this happens to you a time or two,
you may lose any fond feelings you might have for this radio .

73
Brett

ab5p@swcp.com
Albuquerque Transmitter Hunting Homepage:
http://www.swcp.com/~ab5p/foxhunt.html

3578. New Email List Devoted To Homebrewing With Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: jherman@hawaii.edu
Message-ID: <DH4wEt.49w@news.hawaii.edu>
Source record: 210900
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,

From: jherman@hawaii.edu (Jeffrey Herman)
Subject: New Email List Devoted To Homebrewing With Tubes
Message-Id: <DH4wEt.49w@news.hawaii.edu>
Organization: University of Hawaii
Date: Sat, 28 Oct 1995 01:06:29 GMT

We've created a new email list devoted to homebrewing tube transmitters
and receivers (and associated equipment): Glowbugs. This list is a sort
of subset of the intersection of the Boatanchors and QRP lists.

To subscribe send an email to: listproc@theporch.com and only write:
subscribe glowbugs <your name>
and to unsub only write:
unsubscribe glowbugs

To send a message to the entire group use the address glowbugs@theporch.com

Topics include building with tubes, tube theory, xmtrs, rcvrs, power
supplies, antennas/leadins/tuners, skeds between members, homemade
components, parts suppliers, radio history, and anything else related
to the magic of Firebottles. Even for-sale/wanted-to-buy ads related
to tube gear are welcome.

For those of you into the "Heavy Metal" Boatanchor tube gear, then
don't forget the wonderful boatanchors@theporch.com mail list; to sub
send an email to listproc@theporch.com and only write:
subscribe boatanchors <your name>
and to unsub write:
unsubscribe boatanchors

73 from Hawaii,
Jeff NH6IL (ex WA6QIJ)

3579. Re: HELP: Magellan Meridian GPS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: gfoley@freenet.columbus.oh.us
Message-ID: <46t7tm$1vl@acme.freenet.columbus.oh.us>
Source record: 210901
Cross-posted to: sci.geo.satellite-nav,rec.radio.amateur.misc,rec.radio.amateur.equipment

Bob Fritz (bfritz@sd.inri.com) wrote:
<snip>

: Though I just got my amateur license, I don't know what APRS is.

I think it means Amateur Position Reporting Service, and is a system or protocol for relaying positions, usually from GPS, by ham radio and plotting them on maps. On 2-meters it uses standard packet radio methods, and is often run on 145.79 MHz. It also operates sometimes on the HF bands. A chap named Bruninga or Bruniga (sorry, forget his WA4 or WB4 callsign) originated it and has written most of the software for it. The current models of most ham TNC's (Terminal Node Controller) have special provisions for executing the protocol automatically.
Gerry K8EF

3580. KENWOOD TH-22AT or HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-28 00:00:00 UTC
From: safi@uhunix.uhcc.Hawaii.Edu
Message-ID: <DH4yp7.63w@news.hawaii.edu>
Source record: 210902

I am new to ham radio and expect to get my technician plus license later this year. I want to buy a 2 meter transceiver, either a Radio Shack HTX-202 for $289 or Kenwood TH-22AT for $269. Which, if any is a better choice? If none what is a good transceiver for beginners?
I will REALLY appreciate any comment.

Farhad Safi,
safi@Hawaii.edu

3581. Re: an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: mfogarty@netcom.com
Message-ID: <mfogartyDH6oM7.2yo@netcom.com>
Source record: 210821
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.homebrew

Michael Fogarty (mfogarty@netcom.com) wrote:
: I'm new on the amateur radio scene and need some advice. I'll be going
: to Hong Kong soon and am interested in shopping for an HT. What can you
: advise me about:

Folks,

Thanks much for your input. I leave for Hong Kong soon and don't expect great deals. I've secured an Amateur Electronic Supply catalog and will shop cautiously. I didn't even consider the warranty issue and I'm much obliged to have had it brought to my attention.

I am surprised that nobody really seemed to mention the possibilities and benefits of expanded frequencies. Perhaps you're all old timers who've gotten the modifiable radios (like my friends), or you don't really care to listen in on the verboten bands. Regardless, I'll have an HT on returning from HK or I'll get one here soon thereafter (likely the latter).

I might have mentioned that I have been to HK once before, so I know generally what to expect. I'll have a few more sharp suits and memories of the stunning views.

Thanks,
Mike
programmer, SRL

3582. Uniden 2020 - Any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: capuano@deakin.edu.au
Message-ID: <46v520$ad3@sol.ccs.deakin.edu.au>
Source record: 210822

Howdy,

I've been offered a Uniden 2020 for , what I think, is a reasonable
price. What are peoples thoughts on the unit (Originally Purchased in 1976).

Regards,
Luke

3583. Re: tube type 2001A needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <47048m$468@castle.nando.net>
Source record: 210823

```
>: I am lookin for (2) two final amplifier tube type 2001A - they
>: cannot be less than 80% efficient - OR can anyone tell me of a
>: good matching substitute - tnx kb2wk - leo.parent@mystique.win.net
>
>: ---
```

6146;s are a perfect sub for the 2001...I think I've gotten better performance from 6146's than 2001's, too...

73 de WB4IUY

3584. Re: COULD SOMEONE POST ALL THE MODS FOR THE IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: dtburr@mcs.com
Message-ID: <4705ro$1cq@News1.mcs.net>
Source record: 210824

> huffman.79@postbox.acs.ohio-state.edu (Anon user) writes:
>
>
> Could someone round up all the mods for the IC706 and post them here.
> I have seen so many posting asking for mods and no responses. I need them
> myself as well as many others.

The reason for the lack of response is that most mods are readily available on CD-ROM and in paper publications, and most hams know that there are many who simply are too cheap and lazy to do their own work. These people merely spend 20 seconds composing a post and assume that everyone else will do their work for them. Thus, you may be out of luck in having someone do a bunch of research, "rounding up all the mods" and then posting them just so you can find the one you want. Although you might find some retirees who are looking for something to do and may get cracking on your order.

In this case, I assumed that you were one of the few who did *not* fit the above description, and simply cannot figure out any way to get the info yourself. Therefore I looked in some material here, including CD-ROMs, and have yet to find any mods for the'706. What kind of mod are you looking for? I have some older reference material that I can check.

3585. Experience with DR-610T or FT-8500 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: mcnerney@tiac.net
Message-ID: <470glf$mnk@sundog.tiac.net>
Source record: 210825

I am interested in purchasing a 2/440m dual band transceiver. In reading the article which compared a number of these units in the
November issue of QST, I was attracted to the DR-610T and the FT-8500 - primarily because of their extended receive capabilities.
Because the 8500 appears to offer more features (e.g. RS232 connection), I am leaning toward it. Opting for more features might,
however, result in a compromise in basic quality. I welcome any insight you can offer into either unit.
thanks!
-bob

3586. Re: I NEED HELP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DH70yD.IAq@netcom.com>
Source record: 210826

In article <46tto1$8fv@bcfreenet.seflin.lib.fl.us>,
Ertug Yucebas <p011848b@pbfreenet.seflin.lib.fl.us> wrote:
>What type of HAM equipment do I need to communicate with Europe?

First you need a liscense. You must learn morse code at 13
words per minute. Go to radio shack and buy the book "Now you are talking".

>What type of antenna or satelite dish do I need?

Ideally, you need a "beam" antenna on a 50-100 foot tower.

>How much do I have to invest in equipment?

Many spend $10,000. You could do it for less than a $1000.
However, you may have to wait about two years. We are at the
bottom of the sunspot cycle and things are at their worst,
It only recently started to start back on the upside.
For $1000 you could get a older tranceiver and put up a
inverted V antenna made of wire. A beam on a tower is
MUCH better, but will costs several thousand more.

>What is the latest technology on HAM equipment?

There are tranceivers that cost $5000 alone.

>Thank You, Please contact me from e-mail.

3587. IC-775 Users?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: jbennett@ebmud.com
Message-ID: <46v6j9$alc@data.interserv.net>
Source record: 210827

Anyone using the new Icom IC-775DSP rig? If so, would be interested in hearing your likes/dislikes. I have a Kenwood TS-850S/AT
and might be interested in a new rig, with the built-in DSP.

Jim Bennett (jbennett@ebmud.com)
Supervising Systems Programmer
East Bay Municipal Utility District
Oakland, California
voice: 510.287.0224 / fax: 510.287.0373

3588. ICOM AT180 tuner on 6M

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDH84Bq.4xK@netcom.com>
Source record: 210828

I'm trying a new AT180 tuner (with IC706) on 6 meters and it doesn't seem to stay online, even when trying to correct a modest (1.5 or 2:1) SWR.

Anyone else have any experience with the unit yet?

73 Dave WB0GAZ dgf@netcom.com

3589. Sinadder- Manual/Schematic?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: stelpony@ix.netcom.com
Message-ID: <46ukqa$a24@ixnews3.ix.netcom.com>
Source record: 210829

Hi Folks!

Saw some discussion about "Sinadder's" on ONE of the USENET groups and promptly forgot it. Always had a secret desire to own one...Wow...

Found one at the TRW(Los Angeles) swapmeet today but of nat'cherly no data. Willing to swap a "goodie" from my junkbox for good info. Lotsa QRP stuff. Just ask.

E-Mail at NETCOM ok.

THANKS es 73
John Andrews, N5INZ

3590. Re: 1.2 FM or 430 AM ATV want your opinion

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <4703mt$468@castle.nando.net>
Source record: 210830

>Our local group is getting involved with using ATV for public service. I am
>thinking that 1.2 FM would work best with portable equipment rather than using
>430 Mhz.
>What do you think?
>Steve
>nv7v@burgoyne.com

HI Steve! 1.2 FM will be better video (at times), due to it's being FM
as opposed to the AM video on 430, but the range will be much shorter. A
yagi and clear point to point line of sight is much more critical on 1.2.

I'm building an ATV repeater here, with it's output on 427.25 AM and
inputs on 910.25 AM and 1277.25 FM. I suspect the video will be a little
better on 1.2 FM, but the range will be better on 33cm AM.

73 de WB4IUY

3591. I need the MARS/CAP mod for the Kenwood TM-251???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: Djhg@cris.com
Message-ID: <470uhu$h3f@spectator.cris.com>
Source record: 210831

I buyed a TM-251 but I can't find the MARS/CAP mod anywhere!
Can someone post it???
Thanx!

3592. Kenwood TR742 Freq. Input

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: girard@netcom.com
Message-ID: <girardDH8EMJ.5CB@netcom.com>
Source record: 210832

I have a Kenwood TR742 with 6-meter module. The other day I was trying to use the "remote" mode which is purported to allow direct input of the desired frequency fromt he microphone but using the touch-tone keys.

After reading and re-reading the manual I cannot determine the correct key-press sequence. I seem to be selecting a frequency outside the normal 6 meter band because it only beeps when I try to transmit. Has anyone some skill with this? I'd appreciate knowing how to do this. The manual is NOT very helpful.

Jess Girard ND1L
girard@netcom.com
girard@panix.com
girardj@delphi.com

--
Best Regards
Jess Girard

=
Girard Rubber Corporation voice 1-914-592-4110
6 Westchester Plaza fax 592-7336
P.O. Box 515 592-8420
Elmsford NY 10523-0515

email: Routine text girardj@delphi.com
Data girard@panix.com or girard@netcom.com
FTP ftp.netcom.com (ftp/pub/gi/girard/jess)
=

3593. Yeasu G-5400B Computer Interface Specs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.951029142418.29786A-100000@avatar.avatar.com>
Source record: 210833
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Hi Everyone,

I'm building a device like the Kansas City Tracker & Tuner and I am trying to figure out the computer interface for the Yeasu G-4500B AZ/EL Rotor. I've called Yeasu, but they don't have any written specs. I tech support person was nice enough to fax me the schematic of their GS232 box, which provides a RS-232 interface to the rotor.

What I need to know is the voltage range of the el & az positions indicators and how much current I need to drive the step up/down & left/right controls.

It should be a neat project. I'm using the Parallax Basic Stamp2 chip with two National Semiconductor ADC0831 A/D chips and a Maxim 233 TTL to RS-232 converter. This little device will receive the azimuth and elavation and doppler shift via an RS-232 port on my PC, and then it will position the antanna and tune the radio. I'm writing a little windows program which gets all this information from WinOrb using a DDE interface. If anyone is interested, let me know.

Thanks,
Kory
KE6VWO

3594. IC-706 on batteries?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: raf@dwroll.att.com
Message-ID: <DH8EEq.JMD@bigtop.dr.att.com>
Source record: 210834

I am interested in purchasing an IC-706, and wondering if any of you have tried to operate it off batteries, rather than a power supply or in a car with the alternator charging.

In the past, I have experienced problems with some radios "FMing" on SSB, especially if the battery is not 100% charged. SSB is probably the most difficult mode for battery operation, because current drain (and therefore voltage) varies constantly.

Thanks in advance for any reports. Newsgroup or e-mail are good for me.

Richard Ferguson
KA0DXM
Boulder Colorado

My opinions are my own, not those of my employer.

3595. Q: Looking for red/black zip cord

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: jdc@cci.com
Message-ID: <DH7nJG.D1o@sunsrvr6.cci.com>
Source record: 210835

I'm looking for some 14-18 gauge zip cord, with one red conductor and one black conductor. 12 gauge would be even better. Nobody seems to have it. Any ideas?

73...Jim N2VNO

3596. Re: 1.2 FM or 430 AM ATV want your opinion

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: Conklin@Forbin.com
Message-ID: <1995Oct29.153352.50193@cobra.uni.edu>
Source record: 210836

On Wed, 25 Oct 1995 00:36:34, nv7v@burgoyne.com (Steven Whitehead)
wrote:
>Our local group is getting involved with using ATV for public service. I am
>thinking that 1.2 FM would work best with portable equipment rather than
>using 430 Mhz.

One other thought- if eventual thoughts of a repeater are in mind. Mid American Coordination Council is tossing the idea around of kicking all the repeaters off 420-450 by 2000, forcing them up to 1.2 and up (well some brave types may stop at 902 on their way up....).

The Iowa Rpt council, which is a MACC member, for the time being is taking the proposal under advisement with the general feeling being that we are not crunched for spectrum badly enough to kick ATV off 420 by year 2000 or by eliminating all new coordinations, but it may happen eventually (hell, if the FCC croaks there may be no ATV in a few years :-(

Chris Conklin, N0PAV
Conklin@forbin.com

3597. NEEDED! Manuals for Icom, Azden....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: rearl@ro.com
Message-ID: <4712na$kgp@central.ro.com>
Source record: 210837

Looking for service manuals on the following rigs:

Icom 228H 2m mobile
Azden PCS 4000 2m mobile

Service manuals would be nice, but I will settle for just schematics, azden has VCO problems, and Icom was lightening struck. I would be appreciative of any help you can give. I also would be glad to re-imburse you for any expenses, ie copying, and/or shipping.

thanx Rick (KC4UII)

3598. DSP for Powerline Noise?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-29 00:00:00 UTC
From: charles.plunk@vdim.com
Message-ID: <9510300654032315@vdim.com>
Source record: 210838

Hello All,
I am looking for information from anyone who has had experiences
with the use of DSP filters for 2 meter FM and 2 Meter FM Packet to filter
power line noise coming from power lines exterior to my house. I have
been through the process of trying to get the power company to help, and
after much persistence,gave up on this route. At times the noise is bad
enough to make 3/4 scale voice unpleasant to copy and packet unprintable,
but when the noise ceases (usually late at night and during a rain)
voice is clear and weak packets are printed. Any recommendations on brands
and models used would be appreciated. Thanks 73 de Chuck WD4OZN.

E mail ----- charles.plunk@vdim.com

___ Blue Wave/QWK v2.12

3599. Icom IC-706 MARS/CAP Mod (here it is!)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: kg7fu@aol.com
Message-ID: <472rsh$ej@newsbf02.news.aol.com>
Source record: 210753

MARS/CAP Modification for ICOM IC-706:

Tools required:

1) #0 Philips head screwdriver
2) 10 - 15 watt pencil tip soldering iron
3) Magnifying glass
4) Tweezers

Remove the TOP cover by removing three philips head screws on the top
and one on each side. Move the speaker bracket out of the way. Locate
D-59, this is a three terminal SMD diode in an SOT package, about
1 x 3 mm (with the radio front panel oriented towards you, D-59 is
located in a row of SMD diodes just to the right of the ribbon cbale
header above the 9 MHz SSB filter FL-30. There are pads for 5 diodes
with only three installed. D-59 is the second from the left).
Useing tweezers and a low-wattage soldering iron (and magnifying
glass, if necessary) remove D-59 by appplying some heat to the single
leg side of the device while lifting gently, then apply heat to the
other two legs and removing the device. Be careful not to apply too
much heat, not to rip or burn any traces or not to leave excess solder
on the PCB.

Replace the speaker bracket and top cover. Apply power and reset the
microprocessor.

TX = 1600 kHz - 54.00 MHz and 118.000 - 174.000 MHz

De James KG7FU

kg7fu@kb7ogd.or.usa.noam
kg7fu@aol.com

3600. Re: Q: Looking for red/black zip cord

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDH9q0I.LL4@netcom.com>
Source record: 210754

In article <wday-3010950915420001@fw6.dfw.net> wday@dfw.net (Wayne Day) writes:
>In article <DH7nJG.D1o@sunsrvr6.cci.com>, jdc@cci.com (James D. Cronin) wrote:
>
>> I'm looking for some 14-18 gauge zip cord, with one red conductor and
>> one black conductor. 12 gauge would be even better. Nobody seems to
>> have it. Any ideas?

>Cable Experts has 12ga for .32/foot (min 25 feet) in 25-99ft lengths, and
> 10ga for .40/foot (min 25 feet) in 25-99ft lengths.

I bought CE's 10 guage for my applications. It arrived about 3 days after
order, and is very nice wire - easy to handle given that it has so many
tiny strands making up the 10 guage size.

If you want something REALLY heavy, sears sells automotive jumper cables
that use 6 guage twinlead (altho the two wires aren't color coded, it's
no big deal). Not the cheapest way to go, but for that mobile KW.........

>Both seem to be good folks to do business with, from my experience.

I'd agree.

73 Dave WB0GAZ dgf@netcom.com

3601. Icom R-71A For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: mkronmal@earthlink.net
Message-ID: <472t5k$8n7@mars.earthlink.net>
Source record: 210755

Icom R-71A for sale, great condition, with manuals. Make me an offer.

P.S. I'm in the Los Angeles area, but will ship it.


```
+---------------------------------------------------------------+
| Michael J. Kronmal email: mkronmal@earthlink.net |
| LAN Administrator http://www.earthlink.net/~mkronmal/ |
| Bank of America NT&SA ham: KC6YPJ |
| Southern California BSC |
| Pasadena, CA *PGP Public Key Available on Request* |
+---------------------------------------------------------------+
```

3602. Re: 1.2 FM or 430 AM ATV want your opinion

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: eus.eusmge@memo.ericsson.se
Message-ID: <472tbf$c31@cnn.exu.ericsson.se>
Source record: 210756

On 29 Oct 1995 14:39:25 GMT, Dave Hockaday <wb4iuy@nando.net> wrote:

>HI Steve! 1.2 FM will be better video (at times), due to it's being FM
>as opposed to the AM video on 430, but the range will be much shorter. A
>yagi and clear point to point line of sight is much more critical on 1.2.
>
>I'm building an ATV repeater here, with it's output on 427.25 AM and
>inputs on 910.25 AM and 1277.25 FM. I suspect the video will be a little
>better on 1.2 FM, but the range will be better on 33cm AM.

Best wishes on your repeater plans, but I'll have to disagree on your conclusion regarding the range of the different bands. One of our local ATV repeaters here has a 2.4 GHz output, and uses 3 different inputs: 434 AM, 910 AM, and 1255 FM. From the same location transmitting to the repeater, it takes far more ERP to obtain the same Q4-Q5 picture on 434 than it does on 1255. In fact, I have yet to see anyone put a *REAL* Q5 AM signal into the repeater, and yet it's done all the time on FM. So much is the difference, that as the users here can afford it, more are switching to 1255 FM. It's the nature of the FM signal. It maintains a higher quality picture with less power required.

Hardly anyone here uses the 910 input, so I can't give a A - B comparison with the others, but because it's AM I would suspect the same results.

Good luck, and keep us posted on how your repeater is progressing.
73, Mike Groves - KD6PKJ

3603. Re: Q: Looking for red/black zip cord

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: riyadth@boi.hp.com
Message-ID: <DH9unE.2v7@boi.hp.com>
Source record: 210757

In article <DH7nJG.D1o@sunsrvr6.cci.com>, James D. Cronin <jdc@cci.com> wrote:
> I'm looking for some 14-18 gauge zip cord, with one red conductor and
> one black conductor. 12 gauge would be even better. Nobody seems to
> have it. Any ideas?
>
> 73...Jim N2VNO

I ordered 12 and 10 gauge red-black zip cord recently from The Wireman,
Inc., and have been very pleased. It is quite flexible, considering the
size. They also had smaller sizes available, and the cost wasn't too
bad. I have their number as (800) 727-WIRE (9473) in the latest QST.
I have no affiliation other than they are the only place I could find
my zip cord.

-Riyadth Al-Kazily
riyadth@boi.hp.com
--
-- Riyadth Al-Kazily Hewlett-Packard Color LaserJet and Consumables Div --
-- riyadth@boi.hp.com (208) 396-4987 Boise, Idaho KB7YWE DoD #295 --

3604. Re: Experience with DR-610T or FT-8500 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: Mike Gathergood <Mike@g4kfk.demon.co.uk>
Message-ID: <815073956snz@g4kfk.demon.co.uk>
Source record: 210758

In article <470glf$mnk@sundog.tiac.net> mcnerney@tiac.net "Bob McNerney" writes:

> primarily because of their extended receive capabilities.

Unless you absolutely cannot live without it, I'd steer clear of radios
that are marketed with extended receive as a positive feature,
especially if you live in, or drive around, a city.

From personal experience, it will be turned around to be a negative
feature if you have to take the radio back to complain about intermod
problems ... 'Well you did ask for a general coverage receiver Sir.
They had to dispense with front end filtering in order to achieve it'

You wouldn't believe the difference in performance between an FT-2700
(no wideband rx) and an FT-5200 (wideband rx) where I live!

73
Mike * QRV around 0800 and 1800 most weekdays on GB3HL *
G4KFK * (Hillingdon 433.075/434.675) and also 51.83 MHz *

3605. Re: Kwd 440 tuner mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4734un$or5@safety.ics.uci.edu>
Source record: 210759

In <18005.815036336@safety.ics.uci.edu> turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) writes:

>Popular Communications article on it and did the mod. Now my
>antenna tuner just won't find a match, but the receive sure
>perks up as expected. Anyone ever have this problem?

Ooh, I think I found it. I had left the carrier control all the way down so that there would be very little RF coming out when I tested to see that the T/R was right. I left it that way and the antenna tuner can't really work with the carrier control all the way down. I cranked it up a bit, and now things seem fine. Nice mod, really helps on receive.

Clark
WA3JPG

3606. Re: NEWMARKET HAMFEST - Saturday, November 11

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: Roll_o <Rollo@trib.com>
Message-ID: <4735mm$iag@new-opi.trib.com>
Source record: 210760
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,alt.radio.scanner,rec.radio.scanner

you may also be interested to know that Blob at Bomarc Services reverse engineers this kind of stuff. He has around 3 or 4 thousand scanner,money changer,medical,bugging,cellular,two-way,dss related,tv convertrt-scrambler,macrovision encode-decode,sat reciever,and a bunch of other hobby related schematics on file. call 307-234-3488 for info on how to get this stuff. He also r-e's stuff on a commercial basis. I enjoyed the papers on sony playstation a couple of years ago.(that was not a typo) He has 21 seperate catalogs, so choose wisely. Roll-o.

3607. Re: Kwd 440 tuner mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <4735gp$oa8@nlcnews.nlc.state.ne.us>
Source record: 210761

On 30 Oct 95 07:01:11 GMT, turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) wrote:

>Anyone out there do the auto tuner mod to the Kenwood TS 440S/AT?
>This is the one where you put the tuner in line for both receive
>and transmit? I found a condensed version of Gordon West's
>Popular Communications article on it and did the mod. Now my
>antenna tuner just won't find a match, but the receive sure
>perks up as expected. Anyone ever have this problem?

Clark:

I did the tuner mod on my 440 many years ago and have never regretted it. If the tuner is working differently on transmit now than it did before you did the mod, you obviously did something wrong. It does not affect the transmit operation at all. I would triple check your wiring. Ignore the Gordon West instructions for a bit, dig out the diagram of the tuner, and TRACE the leads to be sure you understand why the wires go where they do. If you are non-technical, have someone else do it, someone who will for sure understand what is going on. The mod I did was the one circulated on packet when the 440 was still a new radio, at least 6 years ago. I have no idea whether the West mod is correct or not, but can say the one on packet worked just fine.

Now, if KW would only put better components in the tuner!

By the way, check out my mod on the fan circuit. It works great too. Want slower AGC? Just did mine. Really like it. :)

_____ _____ _____ ___ _____
__	___ ___ _ _ ___	_	__			
		.'| _|		|___|								
_____	__,	_		_		__	__	_____	___	_	___
___	mcduffie@hannibal.wncc.cc.ne.us

3608. Re: Experience with DR-610T or FT-8500 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: scam@siu.edu
Message-ID: <scam-3010951408190001@port131.aixdialin.siu.edu>
Source record: 210762

In article <815073956snz@g4kfk.demon.co.uk>, Mike@g4kfk.demon.co.uk wrote:

> In article <470glf$mnk@sundog.tiac.net> mcnerney@tiac.net "Bob McNerney"
writes:
>
> > primarily because of their extended receive capabilities.
>
> Unless you absolutely cannot live without it, I'd steer clear of radios
> that are marketed with extended receive as a positive feature,
> especially if you live in, or drive around, a city.
>
> From personal experience, it will be turned around to be a negative
> feature if you have to take the radio back to complain about intermod
> problems ... 'Well you did ask for a general coverage receiver Sir.
> They had to dispense with front end filtering in order to achieve it'
>
> You wouldn't believe the difference in performance between an FT-2700
> (no wideband rx) and an FT-5200 (wideband rx) where I live!
>
> 73
> Mike * QRV around 0800 and 1800 most weekdays on GB3HL *
> G4KFK * (Hillingdon 433.075/434.675) and also 51.83 MHz *

Mike,
Unfortunately, the is a belief commonly expressed on the newsgroups
that wideband RX capability excludes intermod rejection, and this just is
not true. I have two Motorola rigs, which receive from 130-170mhz and
440-470mhz, respectively, and they are essentially bulletproof. I also
have a Standard C5718DA and a C568A, and while they're not as good as the
Motorolas, they ARE MUCH better than most other commercially made amateur
rigs. Motorola, and to a lesser degree, Standard, are designed to
accomodate wide RX coverage while giving the user protection against
unwanted intermod.
The real enemy of amateur gear is not wideband RX, but poor
design. Manufacturers DO NOT have
to dispense with front end filtering to achieve wide coverage, but they
do. My C568A HT has a combination 14 bands pass filters and the C5718DA is
even better. Why doesn't Yeasu do this? You'd have to ask them, but since
the Standards are about $80.00 more than the Yeasus, I'd say it was a cost
issue.
I find it frustrating to continuously read about how one has to "chose"
betwwen intermod rejection or wideband RX. This is a false dichotomy
foisted upon unwitting and inexperienced amateurs by disingenous
manufacturers trying to maximize profit by selling poorly designed
equipment. Until amateurs realize this, and quit buying the junk thrown at

them, it'll continue.
73,
Scott

--
SCOTT A. MANTHE, N9AAT
E-MAIL: scam@siu.edu or lorit@siucvmb.siu.edu

"There is no reason for any individual to have a computer
in their home."
Kenneth Olson, President,
Digital Equipment Corporation, 1977

3609. HeathKit SB-220 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: thubbard@earth.execpc.com
Message-ID: <4739d9$hck@earth.alpha.net>
Source record: 210763

I have a sb-220 with a bad relay. I need to find a source for purchasing replacement parts if possible. I am also interested in finding out what modifications are available for this amp. Any help in these regards will be greatly appreciated.

Thanks in advance
Terry KF9HI

3610. IC-706 ALC Setting

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-3010951103430001@k4dii.ksc.nasa.gov>
Source record: 210764

I was stepping through the manual of the IC-706, trying all the tricks, when I came to the item about checking the ALC. At first, I thought my microphone must be bad, because there was no ALC indication for any setting of microphone gain. Then, I noticed that the Power Output meter was reading upscale on voice peaks, so the microphone obviously wasn't defective. (I speak into the microphone with it brushing my lips.)

It turns out that the IC-706 is voltage sensitive. I had been using the car battery as a power supply, without the engine running. When I hooked it up to an AC supply, there was some ALC indication. A further check found that the ALC is also frequency sensitive. In other words, I could get a slightly higher reading on 160 Meters than on 10 or 6 Meters, using a good dummy load.

Regardless of test conditions, I was never able to get an ALC reading that came close to the upper allowable setting. A microphone setting of about 5 had about the same ALC reading as a setting of 10. I would think that some amplifier had saturated, and no further output was available for additional input.

Although the radio appears to be functioning in all other respects, its ALC response may be a symptom of a problem. Has anyone else noticed this effect, or do I have the unusual radio? Does anyone have the capability of exceeding the recommended ALC reading? Could this be the cause of the reports of "pinched transmit audio"?

73, Fred, K4DII

3611. FM Frecquiences Transmiter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: Stone Cold <cmon@datashopper.dk>
Message-ID: <473cs4$8j9@hades.datashopper.dk>
Source record: 210765

Does anybody have a transmiter for sale?

Prices ranging from 1000:- DKR to 3000:- DKR (Danish)

Shall be able to broadcast from 80 to 105 FM
Home made or professionel. Welcomed

Do anyone know where I can read more about my hobby on the NET?

Thanx
Stone Cold & Colder

3612. an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9510302134.AA19716@noldor>
Source record: 210766

Squeak,
I aggre with you. Buy from a U.S. dealer, you may save 10%, but if you break it, that 10% saving will vanish real quick. Kenwood won't even touch the radio, you end up buying a service manual, hoping you can fix the problem, if it a well know problem the manufacturer knows about, they won't even talk to you about it.
Its like buying a new car with no place to get it serviced, I don't think thats a real bargin. Would you buy a car, appliance where you can get it serviced.
The prices of these hams rigs are getting up there in price, but to get a small savings, later to need service, and not getting it is really stupid to me.
Again, would you buy a new car, appliance, knowing you can't get it serviced here. A lot of new radio's even have bugs, but some manufacturers are goods on fixing them with CPU upgrades, etc.
I seen this with Kenwood, Yaesu, and Icom. Take you Hong Kong HT in an they won't touch in in the U.S. most of the time.

Mike
W6TRW

3613. Re: IC-706 ALC Setting

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: Bill Bennett <bb@tisc.com>
Message-ID: <473hm3$hdj@taxis.corp.titan.com>
Source record: 210767

i had the same expierence when setting the speech processor

3614. Re: IC-281 mod needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: ghansen@accessone.com
Message-ID: <ghansen.297.309549FC@accessone.com>
Source record: 210768

In article <4706bb$1cq@News1.mcs.net> dtburr@mcs.com writes:

>Glenn

>There is a surface mount jumper labeled W6 on the Logic Unit.
>All you have to do is remove that and you're in business.

>I haven't looked at the extent of the new Rx range but it goes
>at least into the high 400's.

Thanks Dave but I ended up sending the Icom back. The intermod was so bad it was worthless in my location. Got a Yaesu FT2500M, solid as a rock and no intermod.

Thanks again for the reply.

Glenn KB7PKC

3615. Re: SB 220 hook up

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <473k4v$o9g@giga.bga.com>
Source record: 210769

Even better than all the mods. we have discussed, how about the manufactures make a rig that does not
require all these after market mods. Well, how about it, Kenwood, Yaesu, Icom, etc. ?

3616. Re: Help a High School fix our Kam2 TNC !!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: paulz@sc.hp.com
Message-ID: <473d9s$bo4@hpscit.sc.hp.com>
Source record: 210770

Sounds like you have the problem surrounded, but there is no way
to be sure exactly what the problem is. Before you reach for the
soldering iron, try these:

Measure the power supply voltages to the op amp.

Measure all the other DC voltages in that part of the circuit.

Inspect all the solder joints under a microscope for possible opens.

Inspect the traces for possible opons or solder bridges.

If a previous user had accidently connected a voltage to the audio
output connector, what parts would be likely to be fried? Is there
a blocking cap that would keep a DC voltage away from the op amp?

If you are still not sure what is wrong, consider what parts are cheapest
and easist to replace. Depending on your soldering skills and equipment,
you might want to start with a resistor before you try a the op amp.

73, Paul
paulz@vid.hp.com

```
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```

gaspo (gaspo@lick.pvt.k12.ca.us) wrote:
: Greetings all! We have just started building our Radio Club, and
: have run into problems with our Swap-Meet TNC. Its a KAM-2, and
: the problem is no-tone out the radio!

: in short, we've hooked up a scope to it, and watched the audio signal
: come out the serial chip, go into an op-amp, and not come out! the radio
: keys up fine when its supposed to, and occasionally you can hear a really
: faint tones, but never more than a whisper.

: can we just replace the opamp (358 i think) or is there something
: else i'm missing? yes, we did the jumpers for HT's, (like i said,
: it keys up ok), and we're kinda stuck! is the opamp dead/damaged?

: any help would be appreciated!

: '73,

: --gaspo.

```
: - Scott Gasparian - "gaspo" KE6SRG - Umwelt Schuetzen, -
: - Educator/Sysadmin - Product R+D Director - Rad Benuetzen. -
: - Lick Wilmerding H.S. - gaspo's Gadgets Inc. - /\ \--/ /\ \==/ -
: - gaspo@lick.pvt.k12.ca.us SF(415) 333 4021 - /__\ \/ /==\ \/ -
```

3617. Re: Kwd 440 tuner mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: n0jmk@mcn.net
Message-ID: <473a7j$bsg@dns.mcn.net>
Source record: 210771

On 30 Oct 95 07:01:11 GMT, turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) wrote:

>Anyone out there do the auto tuner mod to the Kenwood TS 440S/AT?
>This is the one where you put the tuner in line for both receive
>and transmit? I found a condensed version of Gordon West's
>Popular Communications article on it and did the mod. Now my
>antenna tuner just won't find a match, but the receive sure
>perks up as expected. Anyone ever have this problem?
>
>Clark
>WA3JPG

Here is the article "AS WAS" posted on packet. (To the best of my knowledge) In addition to reading and verifying the schematics, you can compare this to the Gordon West instructions. My dad has had the mod done for some years, but I have yet to do it. Like he said, use the scematics and trace EVERYTHING. Then you will know what the mod does internally as well as externally. Hope this helps!!!

From : WB5FWE @ WB5FWE.#OKC.OK.USA.NA
To : ALL @ ALLUS
Date : 900401/1230
Msgid : B+ 43929@WB5FWE, 3823@AG0N $43929_WB5FWE
Subject: ts440s tune mod
Path : W0LKD!WD0AJG!WB5MJS!WB5RZX!WB5FWE

From: XE1RK@WB9TYT
To: ALL
Subject: modification 440-s kenwood

TS-440 S MODIFICATION TO USE ANTENNA TUNER FOR XT AND RX.-

Remove case from rig. Remove (4) screws that holds antenna tuner in place. Next slide antenna tuner out to get to the coax connections. Remove the in coax attached to antenna tuner from FO connector on filter unit (X51-1340-00). Remove coax from out connector on antenna tuner and install in FO CONNECTOR ON FILTER UNIT. Unplug and remove switch unit (X41-1610-00 N-14) from rig. Remove short wire from antenna connector to PC BOARD. Cut coax on the in connector of antenna tuner in half and connect cut end to switch unit PC BOARD Where short antenna wire was removed and shield to ground. Solder other half of coax to antenna connector and shield to ground, and plug other end into out conector of antenna tuner. Your still have control of antenna tuner with auto and thru switch. It works very well. Maybe someone can use this idea.

N2EDE,
R.I.. Box 680-S, Roanoke, VA. 24012.

73's!

Gary / N0JMK
n0jmk@mcn.net
N0JMK@N7SEE.#GTF.MT.USA.NOAM

3618. GE Master II Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: "Alan Johnsom", K9CTF
Message-ID: <4739md$hk9@Twain.MO.NET>
Source record: 210772

Can anyone provide me with directions on how to convert a GE Master II (UHF) into a repeater?

Thanks

K9CTF
Alan

kninectf@mo.net

3619. IC706 vs FT900AT, can anyone compare?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: knappsm@cig.mot.com
Message-ID: <KNAPPSM.95Oct30131558@crablegs.cig.mot.com>
Source record: 210773

Hello,

I'm looking around at HF rigs. I've been saving for the FT900AT but now the IC706 looks like a nice choice as well. The local ham store seems to have a split opinion, one guy likes the FT900 more, claims it has a better receiver. The other guy says that he knows people who have both and prefer the IC706 overall, including RX.

The FT900 can have an internal tuner while the IC706 has an external tuner (much more expensive). How capable is the Icom tuner? Can it tune a long wire, or other poor match?

Thanks for the help!
Steve
KA9QOA

--
Steven M. Knapp Motorola Inc, CIG
1501 W Shure Dr. IL27-3227AR
Mail: knappsm@cig.mot.com Arlington Heights, IL 60004 USA

3620. Q: I need help buying my first ham radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: ctbaker@burrito.engr.ucdavis.edu
Message-ID: <473l8p$37c@mark.ucdavis.edu>
Source record: 210774

I am trying to obtain my no code tech license and want to buy a HT style radio. I need to know everything about the radios as possible in order to buy the unit that will fit my needs best. Any information would be greatly appreciated... I need info on what the options are on these radios and how they work etc...

Also what kind of range will I get at 5 watts using the rubber ducky antenna from inside a car if I am not using a repeater?

Thanks

Chad Baker

3621. Re: Drake 2B receiver missing tube no manual, what is it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Oct30.231800.15830@ke4zv.atl.ga.us>
Source record: 210775

In article <DH9v2C.FH8@ricks.edu> griffithj@ricks.edu (James Griffith) writes:
>Have Drake 2B receiver that is missing the 100kc crystal calibrator tube.
>It is the only tube socket rear center of chassie not marked. Could that
>tube ID be E-mailed to me please. I would be willing to also buy a copy
>of the manual if you have one.

Jim, if you're talking about the 4 pin socket marked CAL, that's
not a tube socket. The crystal calibrator is an accessory circuit
in a box that plugs into that socket. It uses a 6BZ6 pentode as
a 100 kHz oscillator/harmonic generator. It's a somewhat strange
circuit with the crystal connected between the control and screen
grids of the tube. You'll have to dig around to find a calibrator
accessory for your radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3622. Amateur radio free course

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: william.patrino@wisebbs.com
Message-ID: <2c4.2025.69@wisebbs.com>
Source record: 210776

On Nov 13 the Rose City Seniors Amateur Club will be sponsoring a FREE
course on how to become a Radio Amateur.Both electronics and Morse code
will be taught. Come to 370 South Pelham Rd (the old Bellerophon building)
at 7 p.m. for full information. You can phone one of the following if
you have any questions.
734-3674 or 892-1923 or 734-9190 Don't delay.

Internet: william.patrino@wisebbs.com (William Patrino)
This message was processed by the Good People at the WISE BBS
(905)732-2524 -*- Fido 1:247/336

3623. Yaesu FT77 - comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: t930416@minyos.xx.rmit.EDU.AU
Message-ID: <471bt6$rfs@aggedor.rmit.EDU.AU>
Source record: 210839

I went to a ham fest over the weekend and saw a Yaesu FT 77 for sale.
I liked this radio as it had digital readout, FM and had all bands. He
also may have put 27Mhz in it not that that is a bonus.

Does anyone know this radio and able to advise me. he said he wanted to
sell it for $530 australian dollars.

Please reply at t930416@minyos.xx.rmit.edu.au

--
See you later +---+
Benjamin VK3TVD | t930416@minyos.xx.rmit.edu.au <-for 95 only |
| Australia Victoria Melbourne |
+---+

3624. Couter IC for Yaesu FT-107 needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: bryanjr@igrin.co.nz
Message-ID: <4740c0$48u@newsource.ihug.co.nz>
Source record: 210840

Hi there.

I wonder if anyone out there has an MSM9520RS (or 9520 for short) 40 pin wide DIL package I.C. for a Yaesu FT-107??

This is a super old rig which I enjoy using a lot but unfortuneately the counter unit has died and Yaesu seem not to stock this part any longer :(

Any assistence would be greatly appreciated. Willing to pay for component if someone has one

Thanks!

73 de ZL1HIT (Bryan)

3625. Re: Experience with DR-610T or FT-8500 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: Robert D Houghton <rhought@cello.gina.calstate.edu>
Message-ID: <472jkn$jgm@cello.gina.calstate.edu>
Source record: 210841

I have the FT-8500 and I'm very pleased with it. The radio that it is replacing is the DR-590T. I don't know what has changed with the newer Alinco radios, but there were a number of "features" concerning the way the operating system was designed on the 590 that I didn't like. For example, when you are in the Channel memory mode, the mic up/down buttons slew frequency 5 khz at a time rather than changing the channel. To change the channel, you have to reach down and push the 1 Mhz up/down switch. Lot's of little things like that.

The one thing that some peopl don't like about the FT-8500 is the "Mr Potatohead" microphone. It has a button for everything. I like it, since it eliminates the "push this button 5 times to to this" syndrome. It is actually pretty easy to operate this radio without accidentally hitting all those buttons. Also, Yaesu tells me that there is another version of the mic coming out with fewer buttons.

73,

Bob

++++++++++++++++++++++++++++++	++
	AMSAT member #26148
Robert D. Houghton	digital satellites: KC6LVG@PACSAT
Science Department Chairman	Packet radio: kc6lvg@k6unq.#cas.na
John A. Rowland High School	Other internet:
Rowland Heights, CA 91748	kc6lvg@amsat.org
	rdhoughton@vms4.sci.csupomona.edu
++++++++++++++++++++++++++++++	++

3626. Re: COULD SOMEONE POST ALL THE MODS FOR THE IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DH9Kos.F7o@iglou.com>
Source record: 210842

: The reason for the lack of response is that most mods are readily available
: on CD-ROM and in paper publications, and most hams know that there are many who
: simply are too cheap and lazy to do their own work. These people merely spend 20 seconds
: composing a post and assume that everyone else will do their work for them. Thus,
: you may be out of luck in having someone do a bunch of research, "rounding up all the
mods"
: and then posting them just so you can find the one you want. Although you might find some
: retirees who are looking for something to do and may get cracking on your order.

Man! what a sourpuss! Doesn't take much to set some people off does it?
The 706 just hit the market and I doubt if there are many mods available.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3627. Re: Old BC453 schema searching

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: jcraig@kean.ucs.mun.ca
Message-ID: <1995Oct30.150903.1@leif>
Source record: 210843
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <46hurj$2ciq@venere.inet.it>, diegom@em.parsec.it (Diego Maniacco, Bolzano (Italy) - IN3MYP) writes:
> I'm searching (actually for my old pa'..., IN3EYU) the electric schema
> of an old Rx used by U.S.Army in Europa during II W.War.
> It is the BC453 made by Western Electric and ranging from 190 to 550
> Khz.
>
> Any news about it?
>
> many thanks, in3myp
>
>
> Diego Maniacco, IN3MYP
> i-Link Packet Radio Group
> Bolzano (Italy)
> packet.radio: in3myp@iw3apo.bz.ita.eu
> email: diegom@em.parsec.it
>
I have one of these also, and would appreciate any references on it.
73 Joe

3628. Need Help with Yaesu FT23R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: rcherry@omni.voicenet.com
Message-ID: <rcherry.3.003D6A7E@omni.voicenet.com>
Source record: 210844

I recently purchased a Yaesu FT-23R as part of an estate. The radio came with the FNB-12 12 volt battery pack but the charger that was with it was for the 7.2 volt battery. If anyone reading this knows the specs ie: voltage and current (ma) for the NC-18B wall charger I would appreciate that information.

If anyone has an NC-18B charger for sale I would be interested.

Thanks
Bob WB2F

3629. help plastic power connec

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: ej.johnson@digcir.cts.com
Message-ID: <951029220030929@digcir.cts.com>
Source record: 210845

MT<>plastic two pin connectors that most of the manufactures are using for
MT<>power cables on their vhf and uhf radios. I have an old radio that i
MT<>had jones plugs on that i would like to change to the newer design but
MT<>have been unable to acquire the plugs. Any help greatly appreciated.

MT<>Thanks,

MT<>mel, w2gma...

Mel, If you find them... PLEASE Let me knmow also! I have looked all
over San Deigo and cannot find them!

Thanks,
EJ!
XHQH29A@PRODIGY.COM

* OLX 2.1 TD * Unable to locate Coffee -- Operator Halted!

3630. Re: ICOM AT180 tuner on 6M

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-3010951625200001@k4dii.ksc.nasa.gov>
Source record: 210846

In article <dgfDH84Bq.4xK@netcom.com>, dgf@netcom.com (David Feldman) wrote:
> I'm trying a new AT180 tuner (with IC706) on 6 meters and it doesn't seem
> to stay online, even when trying to correct a modest (1.5 or 2:1) SWR.

Dave-

I haven't received mine yet, but recall that instructions for operating it differ between 6 Meters and HF. Check the IC-706 owner's manual. I think you have to continue holding the tune button until it is matched, even though you don't on HF.

73, Fred, K4DII

3631. Mods for YAESU FT 840 needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: a0378@freenet.uni-bayreuth.DE
Message-ID: <9510301112.AA26934@btr0x7.hrz.uni-bayreuth.de>
Source record: 210847

Hi ,

I'm searching for some mods for the YAESU FT 840. Does anybody have one?
Especially I'm interested in a greater frequency range.

best 73's de DL6RDE/AA1KD, Charlie

3632. Kenwood TM-321 comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <472k6i$veq@omnifest.uwm.edu>
Source record: 210848

Can anyone tell me anything about the reputation of this rig? I'm looking for something to connect to the local DX PacketCluster.

TNX ES 73,

Rick WB9GYT
Milwaukee

3633. Re: Need help troubleshooting

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <472pbm$9pc@pacific.mps.ohio-state.edu>
Source record: 210849

It's clear there is some extra impedance that has worked its way into the circuit. The fact that the SWR bridge on the Heath tuner shows no SWR suggests that the impedance bump is occuring earlier in the circuit than where the bridge senses the transmission line voltage.If the switch checks out okay, then try changing the coax between the transmitter and the ATU. Also, try disconnecting the coax from the transmitter and measuring the resistance between the center and shield,with the ATU in the bypass position. It should read 50 ohms. An impedance analyzer (like the Autek RF1) would show whether you've got some capacitance or inducting in the line that you don't know about.
Jim W8ZR

3634. Re: SB 220 hook up

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <472q18$sep@newsbf02.news.aol.com>
Source record: 210850

In article <46u8u6$m45@giga.bga.com>, kk5dr@bga.com writes:

>
>Most hams will not know how to do your hookup, relays don't cost much, &
I've
>never had 1 "wearout".
>
>
>
>

This is a sad day in radio, isn't it! Imagine that, most hams not able to wire up one or two transistors! :-(

Anyway, the relay method is fine. I only wanted to point out an alternative method that has time delay and mechanical advantages, even though more complex.

BTW, even the 12 v relay should have a back pulse cancelling diode across it's coil. That prevents the spike when the relay line is opened (and the field in the relay collapses) from causing damage to the exciter.

73 Tom

3635. Re: Quieting reed relays?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <472q19$seq@newsbf02.news.aol.com>
Source record: 210851

In article <12040.814828926@safety.ics.uci.edu>, turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) writes:

> Do you have any
>suggestions to quiet them?
>
>Clark
>WA3JPG

Bury it in RTV after you float it up off the board a bit on longer leads!!! Probably the PCB is acting like a mechanical sounder. I do that with my vacuum relays because they wake up the neighborhood!
73 Tom

3636. Re: Jimmie "The Tube Man" Hawkins - What to do in this situation?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-30 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <472q1g$ser@newsbf02.news.aol.com>
Source record: 210852

In article <46s6so$8c9@newsbf02.news.aol.com>, grauzer@aol.com (Grauzer) writes:

>I've yet to buy a new tube that has a blackened appearance on the glass in
>the region of the getters. Also, upon return to Jimmie, I was told "How
>can I sell these with these blackened tops to someone else?" So he too
>felt that it was a problem. When he sent me a another tube to replace a
>tube which was blowing fuses, not only did he charge me for it, but the
>"new" tube was blackened on top beneath the silvered top as well.
Sleezy.
>Dave
>
>

Dave, The other person was correct. The blackening is NOT a sign of a defective tube. It is a normal result of the "getter" process used in evacuating air from small tubes.

The thing to watch for is if the normally silver or black area turns white, then the tube likely has an air leak. The best way to test the tube is in a tube tester, NOT by eye.

You could have a problem in the amplifier causing the tubes to fail, or good ole Jimmy may be selling you jjunkk.

73 Tom

3637. !!Complete Ham Station For Sale!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: ironick@cloud9.net
Message-ID: <475uu4$dfi@news.cloud9.net>
Source record: 210703

For Sale - Complete Ham Station w/ Antenna System plus more
Kenwood TS 520 Transceiver - 5 Band, 100 Watt Voice, 200 watt CW, PTT Mike, keyer, mobile power adapter, original
manual, MFJ 815B SWR meter, 150 ft RG8U coax cable, Cushcraft AP8-8 Band Trapped Vertical w/ Radial System and
lightening Surge Protector, and many extras including an ICOM 22A 2m mobile transceiver w/ 1/4 wave whip antenna, $650
takes all. Will Ship. Please reply to "ironick@cloud9.net".

3638. Re: help plastic power connec

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: Gerald Schmitt <kc5egg@eule.lanl.gov>
Message-ID: <476ec9$aj4@newshost.lanl.gov>
Source record: 210704

Go to an automobile wrecking yard. What you seek is used
on Toyota steering columns and Subaru test points. I then
get new connectors they are a special spade connector
designed to lock in the palstic housing and make up cables.
NAPA parts houses stock both the metal spade connector part
and red/black cable. Removing the old spade connectors from
the plastic housing take a small screw driver and some patience
but can be easily done once you see what you have to do.

Good luck 73 de Jerry

3639. Re: Mods for YAESU FT 840 needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: lewis@phoenix.phoenix.net
Message-ID: <lewis-3010951858400001@dial134.phoenix.net>
Source record: 210777

In article <9510301112.AA26934@btr0x7.hrz.uni-bayreuth.de>,
a0378@freenet.uni-bayreuth.de (Karl-Heinz Merscher) wrote:

> Hi ,
>
> I'm searching for some mods for the YAESU FT 840. Does anybody have one?
> Especially I'm interested in a greater frequency range.
>
> best 73's de DL6RDE/AA1KD, Charlie

I haven't seen a mod to extend the frequency range of the 840, but there
is an out band transmit mod running around. If you want I can look that up
for you. Or if you have the capability, take a look at Hamster at;
" gopher://hamster.business.uwo.ca/ "

Lewis

~*--,._.,--*~'`^`'~*--,._.,--*~'`^`'~*--,._.,--*~'`^`'~*--,._.,--*~'`^`'~*--,._.,--*~

Lewis Stephens KC5PSX lewis@phoenix.phoenix.net Pasadena,Texas

~*--,._.,--*~'`^`'~*--,._.,--*~'`^`'~*--,._.,--*~'`^`'~*--,._.,--*~'`^`'~*--,._.,--*~

3640. KENWOOD TS830 MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: Dale Tiller <dale@magi.com>
Message-ID: <475btg$m69@news.magi.com>
Source record: 210778

Does anyone know if there is a mod to convert a TS830 to a general coverge receiver?

3641. HELP WITH ACC 850 CONTROLLER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: Elliot Steinberg <ELLI@CHEVRON.COM>
Message-ID: <475gm2$g1m@hsun27.chevron.com>
Source record: 210779

I have an ACC 850 controller and am looking for help in resetting it. It came from an estate and I have no manual at this time for it. I have ordered the manual but that will take a while can someone help me.

73
N6QHO...Elliot

3642. JPS Ant. Noise Canceller

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: Keith Poole <kp2a+@andrew.cmu.edu>
Message-ID: <YkZXakK00iWQI2H6Fc@andrew.cmu.edu>
Source record: 210780

Does anyone know how effective the JPS ANC-4 Antenna Noise Canceller is?
How "local" does the noise have to be for it to work well and does it
function OK on break-in CW?

Thanks.

Keith Poole K7MOA/3 Pittsburgh, PA
K7MOA St. Helens, OR
W6UE Pasadena, CA

3643. Re: HeathKit SB-220 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: jco@news.eng.convex.com
Message-ID: <475ik6$mp9@orion.convex.com>
Source record: 210781

There is also a firm that makes upgrade kits that replace old parts
and provide some upgraded functionality. Look through QST or 73.

John KN5L

3644. Realistic Pro 44

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: smitty@tnce.com
Message-ID: <kkDuDD1w165w@tnce.com>
Source record: 210782

Another mod request. I am looking for mods for the Realistic Pro 44 .

Thank You.

Smitty@The National Cheese Emporium BBS * ASP member BBS *
(215)673-0261 Philadelphia, USA "The City of Brotherly Love"
(that always cracks me up)

3645. Re: 1.2 FM or 430 AM ATV want your opinion

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: eus.eusmge@memo.ericsson.se
Message-ID: <475n50$3h4@cnn.exu.ericsson.se>
Source record: 210783

On 29 Oct 95 15:33:51 -0600, Conklin@Forbin.com (Chris Conkln) wrote:

>One other thought- if eventual thoughts of a repeater are in mind. Mid
>American Coordination Council is tossing the idea around of kicking all the
>repeaters off 420-450 by 2000, forcing them up to 1.2 and up (well some brave
>types may stop at 902 on their way up....).
>
>The Iowa Rpt council, which is a MACC member, for the time being is taking the
>proposal under advisement with the general feeling being that we are not
>crunched for spectrum badly enough to kick ATV off 420 by year 2000 or by
>eliminating all new coordinations, but it may happen eventually (hell, if the
>FCC croaks there may be no ATV in a few years :-(
>

Thanks for the thought Chris. I know there have been discussions
about it, but it will be a cold day in heck when hams are forced to
stop transmitting with equipment they've purchased (or made) in a band
they are still legally licenced to use. Let 'em talk all they want.
(Excuse me while I reach for my fire suit.)

In reality, I think ATV on UHF will become less desireable as more and
more hams see the "near cable quality" video achievable on higher
frequencies using FM. We don't need any more legislation here. I
think it will naturally fade especially in populated areas where
packet and other non-ham activities compete for the spectrum and cause
some ATV interference.

Just like older, smog producing cars. Why legislate them out of
existance? Every year there are less and less of them around and soon

they will be "no more" all by themselves. Amazing how that works!

Mike Groves - KD6PKJ

3646. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: Steve Lorek <slorek@tcp.co.uk>
Message-ID: <309674CD.4D19@tcp.co.uk>
Source record: 210784

Just to update our thousands of visitors in the past few days. The Ham Radio Today On-Line pages are all ready for the grand opening on November 3rd. We've got loads of features (reviews, ex-PMR conversions, beginners guides, news etc.) ready for the day, so be prepared. So you'd better all stay up until midnight on the night, because that's when it'll be released! That's 00:00 hours on November 3rd! The URL is:

http://www.tcp.co.uk/~slorek/

No other site can touch Ham Radio Today On-Line - you won't believe your eyes when you see it!

```
-------------------------------------------------
| Steve Lorek | slorek@tcp.co.uk |
-------------------------------------------------
| Editor, Ham Radio Today On-Line, the best |
| Amateur Radio Web site in the world!!! Visit |
| it at http://www.tcp.co.uk/~slorek |
-------------------------------------------------
```

3647. IC-701 VFO problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: proctor@onyx.nist.gov
Message-ID: <4761or$scj@dove.nist.gov>
Source record: 210785

Hello All,

I am using an Icom 701 which is on loan to me. The rig has only been used a few times in the past 5 years, and had several problems when I put it back into use. I have solved all of the problems except for this one:

When I switch from VFO "A" to VFO "B" the frequency in A increments by one count (100 Hz) and when I switch from B back to A, the contests of B decrement by 1 count. The manual states that when switching from one VFO to the other, the settings are stored in memory. This makes the rig useless for split operation, since you can never set both VFO's to the desired frequency. Also, pressing the "fast" tune button causes the frequency to jump to an arbitrary frequency.

The owner of the rig used to have the schematics, but they cannot be found now. All I have is a block diagram to go on. It looks like the problem is in the "Driver Unit" which is what Icom calls the board which controlls the VFO's.

Has anyone experienced this problem? Does anyone have the schematic for the 701's Driver Unit that they would be willing to fax to me?

Any help would be appreciated.
73 - Jim

--
James E. Proctor National Institute of Standards and Technology
proctor@onyx.nist.gov
Don't listen to anything I say - I never do.
My parents went to Disneyland and all I got was this crummy signature.

3648. Land Mobile Radio FAQ needs your input!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: randolph@est.enet.dec.com
Message-ID: <4760ev$ibj@mrnews.mro.dec.com>
Source record: 210786
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment

[I'm including part of the Motorola listings from the FAQ at the bottom, so you all can get a look at how it's presented, and what info I need. I need to do a lot of cleaning up and organizing of this somewhat scattered listing format!]

The Land Mobile Radio FAQ is now under way... I need your support!

What is it?

A listing of those surplus police and taxicab radios from the various manufacturers, how to identify them, what band they're on, how easy it is to tweak them into the ham bands, average price used, etc., all in one file for your flea market shopping convenience!

What it's not is a mod manual. You won't find out HOW to do the mods in the FAQ. That's up to you. You will find out where to get the manufacturer's manuals, most of which have detailed tuning procedures. Some of the radios can only be programmed by the manufacturer, and/or by using the manufacturer's proprietary software. Such details will be in the FAQ.

I'd like to include any and all mobile or handheld radios aimed at the commercial or public service market. Many of these out-perform the imported synthesized units by a long shot, are cheaper, and make great ham rigs! Let's put these great radios back to work and on the air!

I NEED YOUR INPUT TO MAKE THIS A REALITY!

You don't need to mail me manuals or anything like that, unless you WANT to. All I ask is a few bits of data for any of these radios you or your friends may have worked on in the past. If you've put one on the air, you've had to answer these questions, so fill 'em out and send 'em in!

Model? Manufacturer, model name (like Mastr II, Syntor, Delta, etc.), model number

Band? These radios are usually made for use in a specific band of frequencies, like 30-50 MHz, 150-170 MHz, 450-470 MHz, etc.

Freq control? Crystal, synthesized/ROM programmed, synthesized/microprocessor programmed

Average price? What did you pay? What prices did you see when shopping? New or used?

Manual price? How much did the manual cost?

Mod difficulty? How hard was it to get it tuned to ham band?
Easy: re-crystal, tweak a few tuning screws
Difficult: program a new ROM, swap a few parts
Extremely difficult: Major modification and re-design
of some circuits, you must pay
authorized technician to use
manufacturer's software

How to indentify? What details do you need to know to tell these radios
apart? Does the serial number tell you anything? Does
the Model number? Are there physical differences?
This is the stuff you need to know when sorting
through the radios at the flea markets. This
information is usually in the manufacturer's manuals
in great detail.

I will re-post this notice about every other week for a while, until the FAQ
is somewhat filled out.

My net address is: randolph@est.enet.dec.com
All information, network pointers, periodical references, anything, is
appreciated, and thanks in advance!

-Tom R. N1OOQ randolph@est.enet.dec.com

[Here's the partial Moto listing]
Motorola
========

Motorola product ID 1-708-538-0021 Call this number first and ask for
the maintenance manual part number.
You will need the model/combination
number on the radio.
Motorola manuals 1-800-422-4210 Call this number next and ask them to
send you the maintenance manual. You
will need the manual number you got
above.
Model numbers L 5 3 T S B 1100AM
! ! ! ! ! ! !!!!
! ! ! ! ! ! ++++--- squelch (carrier, PL, DPL)
! ! ! ! ! +------- power supply (B,C,J,K,N=12V)
! ! ! ! +-------- transmitter
! ! ! +--------- receiver
! ! +---------- band (1=42-50,3=148-174,4=450-512,5=800)
! +----------- power (3=25W,4,5=55W,6=75W,7=110W)
+------------ C,H,L,M,T,U

avg how
band freq used manual mod to
mobile models MHz contrl price price diffic id
==
Maratrac UHF syn $800 diff 100W, 99 chan, DTMF
mic

Maxar 30-50 xtal easy 45W
150-174 xtal easy 55W
450-470 xtal $50 easy 15W/25W, 2 chan, PL
Maxtrac VHF $250 25W/45W, 16 chan,
PL/DPL
900 diff
Micor 42-50 xtal $30 easy 110W, 4 chan,
T71RTN3400A
150-162 xtal $50 $20 easy 12 chan, remote head,
110W, C63RTB3105A,
C73RCB1116D, manual
68-810008E40
450-470 45W, 75W
470-512 $30 75W
800 $30
Mitrek VHF $100 easy 50W, 4 chan,
T53JJA3400BK
UHF easy 75W, T64JJA3000AK
Mocom 42-50 xtal $30 easy 55W, 4 chan,
U51BBN3100A
Mostar 150 syn
UHF syn $250 xdiff DTMF mic, PL
Motrac similar to Mocom; tube finals 43MH, 73MH

3649. Diamond Antennas - Still Around? Who Distributes?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: pferris@galstar.com
Message-ID: <9510311209.AA07946@star08329>
Source record: 210787
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Greetings,

Does anyone know if Diamond is still making antennas? I've been "off the air" for over a year - due in part to vandalism to my truck. I had excellent results with my Diamond dual-band antenna. Are they still around? Who's their major U.S. distributor? Any other recommendations for a mobile dual band (V/UHF) antenna? All help, hints, contact info is appreciated!

73 de Pete, N5KBD

Peter F. Ferris
pferris@galstar.com

Win95 = Mac89

3650. Re: HF rigs on batteries?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: knappsm@cig.mot.com
Message-ID: <KNAPPSM.95Oct31152740@crablegs.cig.mot.com>
Source record: 210788

What makes the IC706 a better battery performer than the TS50?

If I'm intrested in running HF from a battery some day, what should I look for to insure things will work well?

Thanks!
Steve
--

Steven M. Knapp Motorola Inc, CIG
1501 W Shure Dr. IL27-3227AR
Mail: knappsm@cig.mot.com Arlington Heights, IL 60004 USA

3651. QRP kit info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: wdzeares@ix.netcom.com
Message-ID: <476amj$t2v@ixnews3.ix.netcom.com>
Source record: 210789

I am new to QRP. I know there are lots of kits available but I need information. Please send me e-mail about where I can get more info and addresses of kit makers if available.
Thanks Dennis K3ETS
wdzeares@ix.netcom.com

3652. Re: COULD SOMEONE POST ALL THE MODS FOR THE IC706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: rhuffman@freenet.columbus.oh.us
Message-ID: <476hj7$hj8@acme.freenet.columbus.oh.us>
Source record: 210790

dtburr@mcs.com wrote:
: > huffman.79@postbox.acs.ohio-state.edu (Anon user) writes:
: >
: >

I have checked around and found none of the local guru's to be of help.
Save your hostility for the kids.

I'm looking for the HF and VHF tx out of band mods. If you could be of
help I would humbly appreciate it.

N8KZK

Rick
--

3653. Re: Experience with DR-610T or FT-8500 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: Mike Gathergood <Mike@g4kfk.demon.co.uk>
Message-ID: <815131945snz@g4kfk.demon.co.uk>
Source record: 210791

In article <474he0$j6q@daily-planet.execpc.com>
tbrock@execpc.com "Thomas Brockdorf" writes:

> the local "intermod alley". On the other hand I had a terrible
> problem with a single band transmit, dual band recieve radio of
> another manufacture. It was so bad I traded it in on another

May I ask which one?

73
Mike * QRV around 0800 and 1800 most weekdays on GB3HL *
G4KFK * (Hillingdon 433.075/434.675) and also 51.83 MHz *

3654. Re: Various 6m & Antenna Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4751e1$2g4a@info4.rus.uni-stuttgart.de>
Source record: 210792
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

>2. I have very little tower space. Presently I have an ARX-2B (Cushcraft
>2m vertical) and just bought the 6m equivalent (AR-6?). Is there a
>problem with having the two of them right next to each other (inches
>apart)?

Well, you might get away even with 1/4 wl on two, but expect some strange effects like detuning. Try to keep them as far apart as possible.
No touching!

The 6 m vert will work for FM as well as SSB during sporadic E openings, since by sporadic E the polarization gets scrambled anyway.

Both the HF and the 2m SWR meters will probabely allow you to determine the SWR, (see if results are consistent!), but will not allow you to measure the absolute power output.

73, Moritz DL5UH

3655. RS HTX-202 questions (intermod, batts)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDHAGq7.HJo@netcom.com>
Source record: 210793

OK, my HT-for-a-day, an ICOM 2GXAT went back to the dealer today after I decided it had severe RX intermod problems (just sitting on the shelf in the shack, duckie attached, I was hearing lots of intermod products on 146.52...)

I hadn't been following the discussion of the HTX-202 when it was active, but here are my questions:

1. Does the HTX-202 have good intermod rejection (like my old IC-2AT)? I don't need out-of-band RX, I _DO_ need decent intermod performance.

2. Does the HTX-202 accept "classic" ICOM battery packs (I have BP-3, BP-7, BC-35 charger, etc., and I'd like to be able to share accessories).

3. What's the output power with the stock battery pack? I gather it would make more output when powered from 12VDC. Is this recommended? Is a compatible (12V) battery pack offered from someone? Can you run the HT directly from car 13.8 VDC thru a cig lighter plug? If there is a 12VDC battery pack, and if the HTX-202 is compatible otherwise with the BC-35, will the BC-35 charge the 12V pack properly?

4. Any other words of wisdom from HTX-202 guru?

Thankx, direct e-mail preferred.

73 Dave WB0GAZ dgf@netcom.com

3656. Help: Kenwood BC-6 Batt. Charger Service Manual needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: buzzbomb@minn.net
Message-ID: <473r3u$rj8@bronto.minn.net>
Source record: 210794

I need a service manual for a Kenwood BC-6 battery charger. This charger was used for the TH-21AT and 41AT HT's, 1987 vintage. What I really need is the part number for the plastic clips that hold the batteries against the charger contacts. I contacted Pacific Parts, Kenwood's parts distributor and got nowhere quick. I'm setting up this HT for my goddaughter who will have her licence by Christmas and would like to have it ready for her. Please reply to buzzbomb@minn.net or ralph.w.bierbaum@medtronic.com. I'll pay for copying and postage or will copy and return.

de N0AWN

Ralph

3657. Re: HeathKit SB-220 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <473s23$rls@ixnews5.ix.netcom.com>
Source record: 210795

According to a recent QST, Heath still sells parts. They can be reached
at 616-925-5899/4914.

73, WB6LWS Jim in Pacifica, CA

3658. Re: ATLAS 400X -"Little Giant" -Comments about this unit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: dandroxl@montana.com
Message-ID: <4742nh$mbk@maw.montana.com>
Source record: 210796
Cross-posted to: rec.radio.amateur.equipment,rec.audio.shortwave,alt.radio.pirate

In article <46v30n$gn@news.netvoyage.net>, rgiron@netvoyage.net (Rudy Giron) says:
>
>Hello,
>
>I am planning on purchasing the ATLAS 400X "Little Giant" by Atlas
>Radio down in San Diego and was wondering if you guys have any
>comments about the unit and/or the company.
>
>All comments and suggestions are appreciated in advance.
>
>Thanx,
>
>Rudy
>
>rgiron@netvoyage.net
>
Yeah, I have comments. I ordered my Atlas over two years ago,
and payed in full. I still haven't seen my radio. It sounds like
there are some new people running the company now and they are
promising to deliver "sometime soon"; however, they cannot give a
delivery date.
In this time I have asked for a refund. When the new people took over
they began answering the phone again. I was refused the refund and told
to wait for my radio.
My order number is well under 300. So if there were some produced I
should have mine. I have yet to hear of anybody actually physically
seeing one under power.
In all fairness, Atlas products of the past were outstanding
radios. The ones I have experience with were quality gear. It is
for that reason and the execellent reputaion Herb Johnson made building
Swan and Atlas transceivers I ordered my "Little Giant". But my "little
giant" is a no show, and those excellent Swan and Atlas transceivers were
built almost two decades ago.

My advice is buy a Yaesu. The UPS man will be putting it on your door
step next week.

Dave N7MJW

PS - If you still really want the 400X. Get a hold of me, because it
seems I'm going to get one whether I want one or not. And at a two year
wait, I'll probably have mine before you get yours if you order today.

3659. Re: Experience with DR-610T or FT-8500 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: Thomas Brockdorf <tbrock@execpc.com>
Message-ID: <474he0$j6q@daily-planet.execpc.com>
Source record: 210797

scam@siu.edu (Scott A. Manthe) wrote:
>In article <815073956snz@g4kfk.demon.co.uk>, Mike@g4kfk.demon.co.uk wrote:
>
>> In article <470glf$mnk@sundog.tiac.net> mcnerney@tiac.net "Bob McNerney"
>writes:
>>
>> > primarily because of their extended receive capabilities.
>>
>> Unless you absolutely cannot live without it, I'd steer clear of radios
>> that are marketed with extended receive as a positive feature,
>> especially if you live in, or drive around, a city.
>>
>> From personal experience, it will be turned around to be a negative
>> feature if you have to take the radio back to complain about intermod
>> problems ... 'Well you did ask for a general coverage receiver Sir.
>> They had to dispense with front end filtering in order to achieve it'
>>
>> You wouldn't believe the difference in performance between an FT-2700
>> (no wideband rx) and an FT-5200 (wideband rx) where I live!
>>
>> 73
>> Mike * QRV around 0800 and 1800 most weekdays on GB3HL *
>> G4KFK * (Hillingdon 433.075/434.675) and also 51.83 MHz *
>
>Mike,
> Unfortunately, the is a belief commonly expressed on the newsgroups
>that wideband RX capability excludes intermod rejection, and this just is
>not true. I have two Motorola rigs, which receive from 130-170mhz and
>440-470mhz, respectively, and they are essentially bulletproof. I also
>have a Standard C5718DA and a C568A, and while they're not as good as the
>Motorolas, they ARE MUCH better than most other commercially made amateur
>rigs. Motorola, and to a lesser degree, Standard, are designed to
>accomodate wide RX coverage while giving the user protection against
>unwanted intermod.
> The real enemy of amateur gear is not wideband RX, but poor
>design. Manufacturers DO NOT have
>to dispense with front end filtering to achieve wide coverage, but they
>do. My C568A HT has a combination 14 bands pass filters and the C5718DA is
>even better. Why doesn't Yeasu do this? You'd have to ask them, but since
>the Standards are about $80.00 more than the Yeasus, I'd say it was a cost
>issue.
> I find it frustrating to continuously read about how one has to "chose"
>betwwen intermod rejection or wideband RX. This is a false dichotomy
>foisted upon unwitting and inexperienced amateurs by disingenous

>manufacturers trying to maximize profit by selling poorly designed
>equipment. Until amateurs realize this, and quit buying the junk thrown at
>them, it'll continue.
> 73,
> Scott
>
>--
> SCOTT A. MANTHE, N9AAT
> E-MAIL: scam@siu.edu or lorit@siucvmb.siu.edu
>
> "There is no reason for any individual to have a computer
> in their home."
> Kenneth Olson, President,
> Digital Equipment Corporation, 1977
Scott,
I agree with your observations about intermod.
I have an Alinco DJ580T, which is very wide band recieve, and I
Have never had an intermod problem with it, even driving thorough
the local "intermod alley". On the other hand I had a terrible
problem with a single band transmit, dual band recieve radio of
another manufacture. It was so bad I traded it in on another
radio from someone else.
73 de Thomas AA9IS

3660. Optoelectronics/San Diego

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: ertsu@modeemi.modeemi.cs.tut.fi
Message-ID: <ERTSU.95Oct31104112@modeemi.modeemi.cs.tut.fi>
Source record: 210798

Hi!

I'm going to San Diego in the immediate future. Does anybody know a
good place (reasonable price preferred) to buy Optoelectronics
frequency counters near San Diego. Address information appreciated.

Thank you,

--
Kimmo Puranen ! ertsu@cs.tut.fi ! http://www.cs.tut.fi/~ertsu/
Siikinkatu 2 A 5 ! ertsu@ertsu.pp.sci.fi ! "Run your powerful OSI
33710 Tampere, FIN ! kimmo.puranen@ej.insta.fi ! applications over TCP/IP"
tel:358-31-3177907 ! on the air: OH3JBY ! - Marshall T. Rose

3661. ****RUNNING OS 456 FOR A YEAR NOW****

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: Sensational WebMan <webman@algonet.se>
Message-ID: <4752a7$jb4@prometheus.algonet.se>
Source record: 210799

I=B4m livivg in Sweden and I=B4ve used the Opyoscan 456 for
over a year now with incredible results..

Specific data questions is accepted bby post or mail,
preferrebly both..

3662. Re: IC-706 ALC Setting

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <47558d$9q1@solaris.cc.vt.edu>
Source record: 210800

I am the person who posted the question about the potential for "pinched audio" from the 706. One person I listened to on 40 mtrs who was using the 706 had the "pinched audio" no matter if he had the processor on or off and no matter what mic setting he used. He also tried other microphones and the audio was pinched despite trying all combinations of microphones, gain settings and processor settings. I heard him a few days later and he said that Icom was going to need to replace a board which needed to come from Japan and that they were going to send him a "new" mic. I don't know if this was a new "type" mic or a replacement mic for the same kind that came with the rig. So, I am not sure that his problem is a pervasive one with this particular radio. I did not speak with him but listened for well over an hour while he tried to eliminate the problem. I can't remember his call, but he is on most mornings at 09:00Z on 7.158 with a group of VK's, W5UD and W3KRQ. After hearing of his problem about a month ago (he got one of the first 706's I guess), I have heard about the problem first hand one other time (from a station on the air who experienced the same difficulty) and another time second hand. This is why I made the inquiry. However, based upon all the responses I received about the question of an inherent TX audio problem, I have concluded that the problem is not pervasive. I think it is limited possibly to a few radios OR because of the complexity of the menu settings and so on, some people are inadvertently not doing something properly or have set some parameter incorrectly. I guess this remains to be seen, but so many people have been so happy with their 706's that it does not appear to be a consistent flaw in the radio design. I was accused via private e-mail to my initial inquiry of being "out to get" the 706 and even "not wanting people to be happy"! Boy! there are sure some funny attitudes out there and additionally is silly since I have ordered one myself. I don't know why people get so bent out of shape when someone raises a question about something they own. I assume this is cognitive dissonance reduction -- whereby they don't want to believe they made a bad decision about a purchase. This newsgoup is for discussion of such issues and for the sharing of information, otherwise why have it?

73 Greg KN4FR

3663. Re: SB 220 hook up

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <475m0t$ccu@newsbf02.news.aol.com>
Source record: 210801

In article <473k4v$o9g@giga.bga.com>, kk5dr@bga.com writes:

>Even better than all the mods. we have discussed, how about the
manufactures
>make a rig that does not
>require all these after market mods. Well, how about it, Kenwood, Yaesu,
>Icom, etc. ?
>
>
>

Well it was a dumb idea to have a 120 volt dc relay in the 220. But it was designed when most exciters were tube types with big open frame relays with 5 or 10 amp contacts! Let's face it, even today interface requirements are non-standard. ALC voltage and response time, relay voltages, TX to external relay delay times, pin in and outs....it's a real chore hooking up anything! How about a standard system for all ins and outs?

3664. Re: RS HTX-202 questions (intermod, batts)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-10-31 00:00:00 UTC
From: smackay@news.epix.net
Message-ID: <475olc$idp@guava.epix.net>
Source record: 210802

David Feldman (dgf@netcom.com) wrote:
: OK, my HT-for-a-day, an ICOM 2GXAT went back to the dealer today after I
: decided it had severe RX intermod problems (just sitting on the shelf in
: the shack, duckie attached, I was hearing lots of intermod products on
: 146.52...)

: I hadn't been following the discussion of the HTX-202 when it was active,
: but here are my questions:

: 1. Does the HTX-202 have good intermod rejection (like my old IC-2AT)? I
: don't need out-of-band RX, I _DO_ need decent intermod performance.

: 2. Does the HTX-202 accept "classic" ICOM battery packs (I have BP-3,
: BP-7, BC-35 charger, etc., and I'd like to be able to share accessories).

: 3. What's the output power with the stock battery pack? I gather it would
: make more output when powered from 12VDC. Is this recommended? Is a
: compatible (12V) battery pack offered from someone? Can you run the HT
: directly from car 13.8 VDC thru a cig lighter plug? If there is a 12VDC
: battery pack, and if the HTX-202 is compatible otherwise with the BC-35,
: will the BC-35 charge the 12V pack properly?

: 4. Any other words of wisdom from HTX-202 guru?

: Thankx, direct e-mail preferred.

: 73 Dave WB0GAZ dgf@netcom.com

Dave,
I am NOT a 202 guru, simply an owner.
Have had mine for 2 tears and very satisfied with it.
202 has a very tight helical coil front end to protect from intermod I
have noticed none in mine even when passing thru large cities as I drove
across the country. This also the reason there is no out of band
receive, the front end is too narrow.
Works fine off My van cigarette lighter at about 6 watts.
Comes with a nicad battery pack AND an case to fill with alkalines so you
can always replace the batts when you can;t charge the nicads.
Seems as sensitive as myold strandby Yaesu FT-208 with lots more features
of course.
Cost $188.00 at Dayton 2 yrs ago so price wise its a bargain. I note RS
offers it around that price quite often.
BTW RS has the radio to cig lighter plug too at a nominal cost.
Don't know about ICOM batt packs but 202 comes with 2 (see above).

73
Scott W7GSM

3665. Re: KPC3 Wefax reception--HOW??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: "Michel Stoop, PE1OZA" <mstoop@xs4all.nl>
Message-ID: <476dr5$ooi@news.xs4all.nl>
Source record: 210705

mparkes@aol.com (Mparkes) wrote:
>tune into wefax on HF> Anyone use it for that? Where do you find software
>to decode wefax with this tnc?
>Thanks, Mike KS4DA

Hello Mike,

Try JVFAX 7.1 and define the interface as serial/serial port
and set the correct COM parameters.
It works great here!
73' Michel PE1OZA

3666. Re: DSP for Powerline Noise?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4783kk$34r@newsbf02.news.aol.com>
Source record: 210706

In article <9510300654032315@vdim.com>, charles.plunk@vdim.com (Charles Plunk) writes:

> I am looking for information from anyone who has had experiences
>with the use of DSP filters for 2 meter FM and 2 Meter FM Packet to filter
>power line noise coming from power lines exterior to my house.

Hi Charles,

That's a tall order for any DSP! After noise goes through the receiver, the noise pulses start to look just like regular audio waveforms. The DSP simply can not tell the good signal from the bad signal.

The broader the bandwidth of the IF and audio circuit, the more likely you are to be sucessful. Any success will be limited by waveshape rounding in the receiver, and no DSP can overcome that. The ideal place for noise reduction is at the front end of the receiver.

Perhaps you could relocate your antenna or use a directional antenna? If the noise comes from one direction a sharp null would be better than high directivity.

73 Tom

3667. Radio Shack Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: boakley@dfw.net
Message-ID: <4784t1$bt4@dfw.net>
Source record: 210707

[Article crossposted from rec.radio.cb]
[Author was Brian Oakley]
[Posted on 1 Nov 1995 09:46:17 -0600]

A while back, someone posted a mod for a frequency hold button for the Radio Shack Frequency counter. Can someone email it to me or repost it or tell me where I can find it? Thanks. boakley@dfw.net

3668. Re: Experience with HAMEG spectrum analysers ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: Colin Edwards <cedwards@pavilion.co.uk>
Message-ID: <eq4LeBAAJ6lwEwQJ@pavilion.co.uk>
Source record: 210708
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment,sci.electronics

>
>I would like to know if anyone here is familiar with the HAMEG 5006 series
>spectrum analysers.

Yes, I have one. It did cost nearly much as a second hand HP141 setup,
but at least you can lift it.
Basically - It works very well, but the lack of any sort of output means
that you can't record readings.

Even in the UK it took months to get one delivered.
--
Colin Edwards

3669. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DHD7A6.IL6@iglou.com>
Source record: 210709

Don't get too excited about receiving FM broadcast on it either. It is quite sensitive buy overload from strong stations is sooooo bad it becomes a quagmire of mush. One must disconnect the external antenna and use a short whip to seperate stations. It sure does a fine job of monitoring cordless phones on 46-49mhz.

Scott Rosenfeld NF3I (ham@w3eax.umd.edu) wrote:
: I looked at Icom's web site last week - the 706 is now good
: to receive from 30 kHz to 120 MHz plus the 2m band. Seems
: our (or someone's) complaints about false advertising have
: been heard!
: --
: Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
: ** Yes, you CAN do VHF contests with 25W and omni antennas **
: Still stuck at 138 countries confirmed on HF w/dipoles...
: --
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3670. need manual hp7470a plotter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: bwhittem@mailgw.sanders.lockheed.com
Message-ID: <bwhittem.19.3097A392@mailgw.sanders.lockheed.com>
Source record: 210710

does anyone have a manual for hp 7470a 2 pen plotter?
i need info on how to set dip switches for serial port
thanks
barry
wb1edi

3671. Re: ALE radio price

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: rsilva@adelaide.DIALix.oz.au
Message-ID: <477k56$ed0$1@adelaide.DIALix.oz.au>
Source record: 210711

rutledge@enuxsa.eas.asu.edu (Shawn T. Rutledge) writes:

>Rob Silva (rsilva@adelaide.DIALix.oz.au) wrote:
>: There are others of course (Sunair, Motorola, Mackay, etc.) - even the odd
>: non-US manufacturer - my employer is an Australian company who also provides
>: ALE equipment (at most competitive prices :-)). I don't want to turn this int
o
>: a commercial, so if you want more info, email me direct.

>Sorry to butt in but what's ALE?

Automatic Link Establishment - i.e. transceiver has the capability to
automatically find a channel to establish a link on.
--
----------+----------
Rob Silva | The sooner you fall behind, the more
| time you have to catch up
rsilva@adelaide.DIALix.oz.au |

3672. Opinions on new Radio Shack 2M mobile rig?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: david_b3@sfov1.verifone.com
Message-ID: <1995Nov1.100258.4550@sfov1.verifone.com>
Source record: 210712

Any reports -- product reviews or just personal opinions -- on the Radio Shack 2M mobile rig? I'm personally considering Icom, Yaesu or Kenwood, but saw this thing is RS store the other day. The RS HT looks to be a re-do of the older Icom 02AT HT. Is this new 2M rig a knock off of somebody's previous generation product?

David B. Barnes KD6DMS david_b3@verifone.com

3673. PLL of TS120V

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: Delmaar <delmaar@molyvos.net>
Message-ID: <3098569E.1812@molyvos.net>
Source record: 210713

--
Can someone give the exact procedures to realign a TS120V's PLL?
I had realigned the 80 and 40 meter bands easily but the problem
occurs on the higher bands, i.e. 20 and up.
It would help to know the frequencies on pin 2 and 5 of Q12 of
the PLL-unit and their related levels.
Thanks in advance for any suggestions.

Bert, PA3AGW / ON9CDA
delmaar@molyvos.net

3674. Re: Radio Shack Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <478kbo$21se@lamar.ColoState.EDU>
Source record: 210714

Brian Oakley (boakley@dfw.net) wrote:

: A while back, someone posted a mod for a frequency hold button for the
: Radio Shack Frequency counter. Can someone email it to me or repost it
: or tell me where I can find it? Thanks. boakley@dfw.net

How to add a hold function to the Radio Shack RF Frequency Counter:

Ground TP 17. In the schematic, TP17 is pin one of U3, connected to
+5V thru a 47k resistor. On the circuit board, TP17 is on the display
side, just right of the lower-right corner of the IC. Grounds are about
1/4 inch below and to the right, the three non-tinned points in the large
area of metal. TP17 is the tinned pad next to a SM resistor marked '473'
for 47k.

I rigged a momentary switch to ground TP17 thru a 1k resistor (you never
can tell) and it works just fine! I drilled a small hole to mount the switch
just above the plastic depression so I could push the button with my right
thumb. A small toggle switch would fit if you want to hold longer.

Galen, KF0YJ

3675. Re: NEWMARKET HAMFEST - Saturday, November 11

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: vidiot@paranoia.com
Message-ID: <476umc$6il@villa.fc.net>
Source record: 210715
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,alt.radio.scanner,rec.radio.scanner

Roll_o (Rollo@trib.com) wrote:
: you may also be interested to know that Blob at Bomarc Services reverse
: engineers this kind of stuff. He has around 3 or 4 thousand scanner,money
: changer,medical,bugging,cellular,two-way,dss related,tv
: convertrt-scrambler,macrovision encode-decode,sat reciever,and a bunch of
: other hobby related schematics on file. call 307-234-3488 for info on how
: to get this stuff. He also r-e's stuff on a commercial basis. I enjoyed
: the papers on sony playstation a couple of years ago.(that was not a
: typo) He has 21 seperate catalogs, so choose wisely. Roll-o.

I sent this guy about a dollars worth and change to this and all I got
back in return for my postage stamps was a bunch of idiotic rambling on
about how I didn't order any CATALOGS, but only a LIST for their catalogs,
which where priced separately. That was one thing but the general attitude
emited from his little list of his catalogs, was one that left me with the
impression that a lot of other people have been fooled into thinking they
were a listing of his catalogs. Especially when the material he sends is
only worth .32 cents and the amt. you send him is well over that. After
receiving his material decided that his outfit wasn't anyone I wanted to
patronize.

--
----------vidiot@paranoia.com----------
Ever feel like you're being watched?.....you will-

3676. Wanted- Telegraph keys and related!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: ke6law@aol.com
Message-ID: <478l2t$116@newsbf02.news.aol.com>
Source record: 210716

I am looking for any type of telegraph keys, especially older bugs. I would also like a Speed-X "Les Logan" model 500, 501, 510, 515, 520, for my collection.

Please state price and condition.

thanks,

John, KE6LAW

3677. What can you do with TS-940 and the RS-232 kit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: haynes@cats.ucsc.edu
Message-ID: <4774o2$ek5@darkstar.UCSC.EDU>
Source record: 210717

I presume there's software around that does something useful with the RS-232 kit for the TS-940S.

3678. Kenwood TS-850 Receive Antenna Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: discus@caverns.com
Message-ID: <476o1c$f1s@thales.nmia.com>
Source record: 210718

I have a buddy (N5DM) who has been trying to decide between the 850 and 870. He would like to get an 850 except for the lack of provisions for a separate receive antenna for 160 meter use. I have checked all the mod lists for the 850 and have found no mod that would allow the use of a separate receive antenna. Has anyone done such a mod or has anyone heard of anyone else doing it? You could reply on the group, or to me at discus@caverns.com (NU5M) or to Paul Elliott (N5DM) at st_pelliott@beta.nmjc.cc.nm.us.

73 Larry (NU5M)

3679. Kent Keys supplier??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: ko7v@ix.netcom.com
Message-ID: <478fs7$a3m@ixnews5.ix.netcom.com>
Source record: 210719

Does anyone know if R A Kent in arkansas is still in business? I called the number in their ad in October QST and it is out of service.
73,

Mike Cizek KO7V
ko7v@ix.netcom.com

3680. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov1.174701.24975@ke4zv.atl.ga.us>
Source record: 210720

In article n4lq@iglou.iglou.com (Steve Ellington) writes:
>
>Don't get too excited about receiving FM broadcast on it either. It is
>quite sensitive buy overload from strong stations is sooooo bad it
>becomes a quagmire of mush. One must disconnect the external antenna and
>use a short whip to seperate stations. It sure does a fine job of
>monitoring cordless phones on 46-49mhz.

Call me wierd (I know some of you do anyway), but what closed the
sale for me was the presence of FM broadcast reception capability
on this rig. The novelty value of receiving FM broadcast on a HF
rig was too much to resist. I can hardly wait for the service
manual to become available so I can mod it to do FM *stereo*. :-)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3681. Re: Diamond Antennas - Still Around? Who Distributes?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <476kjn$4r4@ixnews6.ix.netcom.com>
Source record: 210721
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Amateur Electronic Supply carries Diamond Antennas. Their main number is 1-800-558-0411.

73, WB6LWS Jim in Pacifica, CA

3682. Standard C158A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: Tom Kline <tkline1@ic3.ithaca.edu>
Message-ID: <Pine.PMDF.3.91.951101153134.132644B-100000@ic3.ithaca.edu>
Source record: 210722

Does anyone know of any mods for the Standard C158A 2-meter HT? I'm particularly interested in extending the Tx range.

Thanks,
Tom

3683. Re: Q: Looking for red/black zip cord

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: "Michael E. Pinault" <mikepi@on-ramp.ior.com>
Message-ID: <478n9p$dt6@express.ior.com>
Source record: 210723

You might want to check your local car audio installation shops. the ones here in Spokane seem to have all sizes of the black/red zip cord. good luck
--
Mike Pinault --- N3CEV/7 Anything under 50 MHZ must be DC!!!
Near Spokane "Spo-can" Washington
Locator DN17fl

3684. IC-706 Rig Selective Scan Memory Mode Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9511012217.AA01261@noldor>
Source record: 210724

Attn: IC-706 Users:
Has any one had any problems with the Selective Scan Feature on
Memory Channels.
I programmed in 6 VHF-FM simplex frequencies into my IC-706, in
memory channel locations 1 thru 6. Then went back to to the G2 menu,
and pressed SEL while in Memory Channel Mode, This created a small S
to appear next to each channel I did this to.
I did this with Ch1,Ch2,Ch3, and Ch4, creating the Flagged S symbol
for these channels. I left Ch5, and Ch6 with no Flagged S symbol.
Next I pressed SCN for scan and the IC-706 scanned all 6 channels,
when I expected only 4 channels to be scanned.
Did I do something wrong here or is it a bug in the firmware, can
anyone confirm this, or at least tell me to go back to the manual??

73
Mike
WB6DJI

Internet e-mail address:
aust@gandalf.sp.trw.com

3685. KNWD TS-7950 Output Level

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: "Roy D." <red127@psu.edu>
Message-ID: <47859n$kqq@hearst.cac.psu.edu>
Source record: 210725

I bought a TS-7950 2 meter rig a while back. The seller informed me that
the power was turned down so not to overdrive his linear. The rig
is showing about 30 watts out right now, I think I should see
45-50. Anyone know what pot adjusts the output power? Also, does anyone
know of a good (cheap) source for a service manual for this rig?
TNX & 73......Roy

--

Roy Derryberry, KD3LZ Member: Aircraft Owners and Pilot's Association
(red127@psu.edu) American Radio Relay League
Utility Workers Union of America

If I'd known I was gonna live this long, I'd taken better care of myself.

3686. Re: help plastic power connec

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: oops@msg.ti.com
Message-ID: <4781n4$7u6@superb.csc.ti.com>
Source record: 210726

In <476ec9$aj4@newshost.lanl.gov>, Gerald Schmitt <kc5egg@eule.lanl.gov> writes:
>
>Go to an automobile wrecking yard. What you seek is used
>on Toyota steering columns and Subaru test points. I then
>get new connectors they are a special spade connector
>designed to lock in the palstic housing and make up cables.
>NAPA parts houses stock both the metal spade connector part
>and red/black cable. Removing the old spade connectors from
>the plastic housing take a small screw driver and some patience
>but can be easily done once you see what you have to do.
>
>Good luck 73 de Jerry

I've also found these connectors on some older Ford vehicles. Problem is
getting the spade connectors out of the plastic in order to put larger wire
in place.

FYI, I found a source for these connectors at HamCom (Arlington, TX) this
year. They came in a pre-assembled loop (both male/female connectors)
and 10 ga. wire. I *think* the name of the company was Connectors Plus.
I don't have their phone number handy but I'm almost positive they have
a 800 number.

73 de KC5MKW

Mitchell Carson oops@msg.ti.com
Texas Instruments

#include <std_disclaimer.h>
I speak only for myself.

3687. Re: ICOM AT180 tuner (update/correction/retraction/etc.!)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov1.173516.24801@ke4zv.atl.ga.us>
Source record: 210727

In article <dgfDHCFJu.EF4@netcom.com> dgf@netcom.com (David Feldman) writes:
[snip]
>So, sorry on this one ICOM, my fault.
>
>One problem remains and might be "real" -- the "through inhibit" mode
>doesn't seem to be operational on 50 MHz. In this case, the tuner gives
>up and goes offline whenever the antenna SWR is >3:1 (through inhibit
>should allow for an antenna SWR higher so long as the radio SWR after
>tuning is 3:1 or less). I'm checking this one out with ICOM and will
>report back.

Ok, you guys suckered me into getting one of these units too. Now
I can talk about them. According to the manual, the ATU in "through
inhibit" mode, doesn't give up as long as the VSWR *presented to the
radio* is less than 3:1. What the VSWR is on the antenna feeder is
irrelevant to this action (according to the manual). The manual also
says that "through inhibit" works the same way regardless of whether
you're operating HF or 6 meters. The only difference between 6 meter
tuning and other HF tuning is that you must *always* manually do
tuning on 6 meters by holding the tune button in. On the other bands,
tuning can be automatically initiated by PTT.

The only real difference "through inhibit" makes is that with it
off the ATU gives up if it can't deliver a match *to the radio*
of better than 1.5:1. With "through inhibit" on, the ATU won't
give up unless it can't present a match *to the radio* of better
than 3:1. Thus "through inhibit" is really just a match *sensitivity*
adjustment.

The VSWR *on the antenna feeder* never matters, except in that it
may present an impedance to the ATU that is outside the ATU's matching
range for *certain feeder length and load impedance combinations*. There
will always be *some* feeder length which will present an impedance to
the ATU inside its matching range for *any* combination of antenna impedance
and line VSWR (that length may be totally impractical in some cases of
course). If the ATU gives up at a certain frequency, add or subtract
some length to the feeder and try again. Remember, a transmission line with
SWR is a *transformer*, and the impedance transformation at a given
frequency is a function of *line length*.

The ATU will only deliver a match when the impedance presented to it
is in the range of 16.7 to 150 ohms on HF, and 20 to 125 ohms on 6 meters.
Now that's not a very broad range, so you should expect to have to aid
it externally for difficult matches. One way is to adjust the line length,
using the transformer action of a transmission line with a non-unity

VSWR as an additional tuning tool. Another is to use external L networks to bring the presented impedance into the ATU's operating range.

Unfortunately, the specifications don't break down the ATU working impedance range into resistive and reactive parts. That would be more useful information. Then you could use the Smith chart directly to determine if a given line length/antenna load impedance can be tuned by the ATU.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3688. Re: DSP for Powerline Noise?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <478bsf$o98@omnifest.uwm.edu>
Source record: 210728

Chekc out JPS's model ANC-4.

73,

Rick WB9GYT

3689. Wanted Manual for HR2510

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: braymer@mail.midtenn.net
Message-ID: <478m6m$qjl@grumpy.midtenn.net>
Source record: 210729

Want too buy a manual for a HR2510 radio

from Bobby Raymer email too braymer@midtenn.net

--

3690. Help. Transmitter, receiver for remote control.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: jsctsang@novice.uwaterloo.ca
Message-ID: <DHDMyn.Arp@novice.uwaterloo.ca>
Source record: 210730

Hi all, my friend would like to construct his own remote control system for a school project. He would like to know what kind of components are needed in order to make the simplest remote control. I think what he meant by the simplest one is a remote switch that can turn something on and off.

Thanks for your help in advance,

--
/////
(o o)
+---------------oOO--(_)--OOo---+
| John Tsang jsctsang@novice.uwaterloo.ca |

3691. Yeasu FT-10r

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: bgray@connix.com
Message-ID: <478tj2$g2d@comet.connix.com>
Source record: 210731

Are their any-other Ham HT's that do DPL, like the 10r?

-Bri
bgray@connix.com

3692. PK232 -> PK232MBX ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: XE2MXU/N5UHB <fjorozco@academ04.mty.itesm.mx>
Message-ID: <Pine.A32.3.91.951101153158.41145A-100000@academ04.mty.itesm.mx>
Source record: 210732

Hi all,

A friend of mine just bought an old pk232 (I think the ROM date is 1989), and he'd like to upgrade it to a pk232MBX. Right now the thing doesn't have PACTOR, or even a 'maildrop' option. I know there is an upgrade kit for these TNC's, and I wonder if someone can give me some info on this...i.e., who sells it, around how much it sells for, etc...

thanks in advance and 73 de Luis XE2MXU/N5UHB

Life's Improved Golden Rule: "Whoever's got the gold and the NUKES makes the rules!"

3693. Re: Old BC453 schema searching

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: davidst1@aol.com
Message-ID: <477ovc$mg@newsbf02.news.aol.com>
Source record: 210733
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Joe/All:
I've tinkered with the command sets since childhood
and enjoy them very much.
I will send info on BC-453 and other command set
units for an SASE (business size) and a buck to
cover copying costs.
73 DE Dave Stinson AB5S/7
5041 N. Maverick St.
Las Vegas, NV 89130

3694. TH-79 vs FT-51 r

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: fbonnet@zen.dedal.fr.net
Message-ID: <mI6lwoalk94U084yn@zen.dedal.fr.net>
Source record: 210734

Because HT are really expensive in France, I want to by FT-51
or TH-79 in USA, but I don't know which one can I choose !!!

- Does FT51 and TH79 have 1750Hz burst tone
- Is FT51 rH version interesting
- What is 'the' good price for these HT

Sorry for my poor english...
Best 73,
Francois - Lyon / FRANCE F1ITT

fbonnet@zen.dedal.fr.net

3695. TRADE: Solaris X86 2.4 UNIX software for HF eqp.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: dedelvis04@aol.com
Message-ID: <4792ch$5iq@newsbf02.news.aol.com>
Source record: 210735

I am interested in HF equipment and will trade a new in the un opened box, Sun Solaris X 86 unix for the Intel platform, which sells for $899 direct from sun. Great unix package. E mail with details.

3696. Re: HELP WITH ACC 850 CONTROLLER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: screa@aol.com
Message-ID: <478b0b$531@newsbf02.news.aol.com>
Source record: 210736

Subject: HELP WITH ACC 850 CONTROLLER
From: Elliot Steinberg <ELLI@CHEVRON.COM>
Date: 31 Oct 1995 15:51:30 GMT
Message-ID: <475gm2$g1m@hsun27.chevron.com>

I have an ACC 850 controller and am looking for help in resetting it. It
came from an estate and I have no manual at this time for it. I have
ordered the manual but that will take a while can someone help me.

73
N6QHO...Elliot

I don't know if this will work with the 850 controller, but it works with
my RC96, enter the control operators access code, then 18. Actually, now
that I think about it, you probably don't have the control operator's
access code. To set the main, programming, access code on the 96 there is
a switch to hit in the back. Actually forget everything I just said, I
don't think you can do it without the instructions. Even with the
instructions, it took hours to first get my controller to do what I
wanted. Once it was working I was very pleased with the performance.

Good luck.
KB6VTU

3697. Any TS-870 Owners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: "William G. Becks" <wbecks@sun.lssu.edu>
Message-ID: <309828D9.4D2E@sun.lssu.edu>
Source record: 210737

I am considering the Kenwood TS-870 as my next rig.. Has anyone any experience with the new transceiver?

Please post here or mail to wbecks@sun.lssu.edu

3698. cfr47

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-01 00:00:00 UTC
From: weeziej@aol.com
Message-ID: <4799rj$84d@newsbf02.news.aol.com>
Source record: 210738

Does anyone know of an onlind source for fcc regs. Ie cfr47 80 to end
andy help would be gratly appreciated

thanks
tom Januska

3699. Moto' Saber UHF info wanted.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: ab910@lafn.org
Message-ID: <1995Nov2.083921.25024@lafn.org>
Source record: 210653

Hi all. I work as a medic at about a dozen places in the LA area.
All of these venues use UHF HT radios of low quality. I hate using them due
to their unrelyable nature. I want to get and program my own radio, thus
avoiding radio problems in the future. A Saber UHF seems well made (good
enough for the LAFD) and easy to find parts for. A proven type.

I know a little of the features and options of the Sabers and Astros
(Jedi's?) but I'd love any more in depth info you could point me to on
the net, or in print. Is there a good source for the radios and chargers?
What should I look for in a used unit? What fails on Sabers/Astros/Jedi's?
Prices seem to hover in the $600 used range? Is this about right?
How hard is it to find the software to program them?

Any advice would be great. I will use it, trust me.

Matt Davies

--
SALE. Yes! Be the first one on your block to take over the world.
The Super-Conductive Magnetic Infindibulator. Only $99,999.00
(As seen in the Farmers Almanac.)

3700. Re: Icom IC-25H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <479kat$1vl@shore.shore.net>
Source record: 210654

rgm@bilbo.baylor.edu (Ross G. Miller) wrote:

>:Hey All,
>: A few months ago I purchased a (used) Icom IC-25H 2-meter tranceiver. I've
>:been using it at home for packet and local repeaters and have been quite
>:pleased with it.
>: The only problem that I have is that the manual that came with it was for a
>: 25-A. This isn't a big problem, because the only major difference between the
>: two his output power. (25 W for the A, 45 for the H). There is however a
>: minor difference in the back panels. My radio has a phono plug labeled Back
>: Up that isn't mentioned in my manual.
>: Could someone tell me what this does? Also, are there any other differences
>: that I'm not aware of?

Ross,

It is for the memory backup unit. When the unit is plugged in you can
move your rig from the base to mobile and vice versa without losing
your programmed memories.

I don't know of any other differences.

73

==
jjmartin@shore.net |If psychics really are...and if
Lowell, Massachusetts |I really need one...why doesn't
USAF 1973-1993 |one call ME?
ex: KA5MWD-N1CLS-KB1LW-HL9ZF | Jim Martin, WK1V
==

3701. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <47aiup$qh2@news.halcyon.com>
Source record: 210655

The programs written for the IC-735 most likely will not work as they are four bit frequency data and the IC-706 is expecting to see 5 bit frequency data. The good news is the IC-735 is the only radio ICOm made that requires four bit frequency data. So about any other Icom control program will work. Also for budding programmers, the protocall is now in the owners manual for the IC-775DSP, 706 and 820H.

73' Gary

3702. Re: Icom IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9511022122.AA02866@noldor>
Source record: 210656

```
< How been the demand/availability for the IC-706
From ad7k@bighorn.accessnv.com Thu Nov 2 11:20:57 1995
Date: Thu, 2 Nov 1995 11:24:19 -0800 (PST)
From: Squeak Porray <ad7k@accessnv.com>
X-Sender: ad7k@bighorn
To: Mike Aust <aust@gandalf.sp.trw.com>
Subject: Re: Icom IC-706
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Length: 680

< How been the demand/availability for the IC-706

IC706 is indeed the hottest selling radio around ... every time we get a
shipment, it is totally sold out before the radios arrive. The only
negative thing we have heard is that, on two meters, sensitivity outside
the ham band is down, but that is a blessing in disguise, as we have also
not heard of any "intermod" problems either - and do you buy it to be a
scanner, or do you buy it to be a VHF Ham Radio tranceiver?

If you are looking for one, I would suggest that you get your order in
asap, and be prepared to wait a bit ... none of the waits have been
really long at this point!

Thanks for the inquiry!

Very 73 ...

"Squeak" Porray, AD7K
```

3703. Re: WANTED: Uniden 2510, 2600 or Explorer 5010 modified.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: "George J. Molnar" <gmolnar@nexus.interealm.com>
Message-ID: <3098D364.7989@nexus.interealm.com>
Source record: 210657

Dedelvis04 wrote:
>
> I am looking for either of these radios modified for the 11
meter band.
> Please E mail with details.

PLEASE! Not on this newsgroup!

--
George J. Molnar
Highlands Ranch, Colorado
Internet: gmolnar@nexus.interealm.com
Packet: KF2T@N0QCU.#NECO.CO.USA.NOAM
http://www.interealm.com/p/gmolnar/index.html

3704. FT301 Group?? We know who we are...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: fcarey@direct.ca
Message-ID: <47bd6e$4jt@grid.Direct.CA>
Source record: 210658

Anyone interested in getting together a Yaesu FT301 Group?? There a a few of us here on the coast that are quite knowledgable with them. It came to light a few days ago when a fellow Collins man came out of the closet and told me he QRP'd with his 301s, and I laughed as I have owned a couple over the years and have kicked myself every time I get rid of them! I now have an analogue 301 with the brick, and I put the AM and CW filter in it as well as a few XTALS's, and I will never ditch it, and those that own them know why! Anyone who has heard one QRP has to admit that it's hard to beat a signal like that! (antenna dependant of course...) The problem is a few of them are flying around the swap meets, and are going cheap cheap! Must be that the sellers don't know what they've got! If you've got one and need any tech. support.... lets get our heads together and keep these babys on the air!
73 de Fred

3705. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: Bill Bennett <bb@tisc.com>
Message-ID: <47bc3u$909@taxis.corp.titan.com>
Source record: 210659

the ic706 has a selectable wide/narrow FM IF! did you turn off the
pre-amp when you were on FM brodcast?

3706. Re: Quieting reed relays?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <47bfs3$ckk@safety.ics.uci.edu>
Source record: 210660

In <81517027074051@mauigate.mauigateway.com> kh6ijs@mauigate.mauigateway.com (Poidog) writes:

>Try replacing the noisy relay with a Mercury whetted relay. It's quiet
>and fast. I replaced the noisy relay in my HW 8 and a friend replaced
>his noisy relay in his noisy Argonaut. GL

This sounds like the solution I may be looking for. Can you give me any idea if these are commonly found relays? Are they drop-in equivalents at 12 volts and do you know the approximate change over time specs (equal or better?)

Thanks again. May to you direct bounces, by the way.

Clark
WA3JPG

3707. COOL STUFF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: djansen@rocket.cc.umr.edu
Message-ID: <47bgm5$b5r@hptemp1.cc.umr.edu>
Source record: 210661

I don't post here usually 'cuz I don't have anything interesting to say, but this is one of my favorite newsgroups to read, and maybe I will post more in the future. Anyhow, I wanted to let you all know that I got some really good catalogs in the mail yesterday. They are from Jan Distributing which is local here in town, but they deal with mail order a lot and stuff can be shipped to your door. They have some pretty cool stuff and I thought I would let you all know about it.

They have 6 lines of catalogs, and they can mail them out to you. I bought the Christmas catalog, the Major Appliances & Electronics catalog, and the Personal Shoppers Catalog. I was really impressed. They have just about everything I want for my Christmas List (except a million dollars HEE!)

Anyhow, Just thought I would let you know about these people. I went over and got a list of catalogs and prices to post here on the internet.

1) Christmas Catalog $7.00
2) Personal Shoppers $10.00
3) Health & Fitness $6.00
4) Major Appliances
& Electronics $5.00
5) Office Products $6.00
6) Profesional
Maintenence &
cleaning $5.00

If you need their address it is as follows:

Jan Distributing
18 International Village
Rolla, MO 65401

Well, gonna run now and figure up more of my christmas wish list...See Ya!

--

3708. RE: I'M SORRY, BUT MY PEN

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: voltron!mike.wood@infinet.com
Message-ID: <8B432A5.00C3000001.uuout@infinet.com>
Source record: 210662

�@UMSGID :<darla46-2810951827030001@darla.accessone.com>
N �@UNEWSGR:01alt.sex,alt.sex.wizards,alt.fan.howard-stern
N Path:
infinet!usenet.ins.cwru.edu!pravda.aa.msen.com!cssun.mathcs.emory.edu!s
wr
inde!elroy.jpl.nasa.gov!usc!cs.utexas.edu!uwm.edu!chi-news.cic.net!news
feed.int
ernetmci.com!in2.uu.net!news.accessone.com!darla.accessone.com!user

From: skatch@oakwood.com (Skatch)
alt.sex,alt.sex.wizards,alt.fan.howard-stern Subject: Re: I'm Sorry,
but My PENIS is THAT BIG! Date: Sat, 28 Oct 1995 18:27:03 -0800
Organization: International Center for Quantum Poetry
Lines: 12

Message-ID: <darla46-2810951827030001@darla.accessone.com>
References: <140302Z25101995@anon.penet.fi> <DH6My1.9nG@liii.com>
NNTP-Posting-Host: darla.accessone.com
Xref: infinet alt.sex:74889 alt.sex.wizards:18396
alt.fan.howard-stern:19332

In article <DH6My1.9nG@liii.com>, action@pine.liii.com () wrote:

> You should spend as much time exercising and dieting as you do trying
> to find chubby chasers. You might even begin to look attractive to your
> husband again. Nobody wants a fat pig!

Darla Quoted:
DD> What is wrong with you, exactly? What compels you to try to hurt a
DD> woman who meant you no harm? Are you a teenage boy, that you have so
DD> little sensitivity and compassion? You are an embarrassment to your
DD> gender, sir (and I use the term advisedly).

Darla, you have to understand that this a snot nosed kid, playing
with his daddys computer. He dosen't have a clue. :)
Have a good one.....Skatch
skatch@oakwood.com

... Pardon me, but I don't really know who the hell I'am!
___ Blue Wave/QWK v2.12
--- Silver Xpress Mail System 5.4P1

3709. RE: HI

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: voltron!mike.wood@infinet.com
Message-ID: <8B432A5.00C3000002.uuout@infinet.com>
Source record: 210663

�@UMSGID :<46uso5$kag@spec.specdata.com>
N �@UNEWSGR:01alt.0d,alt.sex
N Path:
infinet!usenet.ins.cwru.edu!hookup!usenet.eel.ufl.edu!news.ultranet.com
!z
ombie.ncsc.mil!simtel!chi-news.cic.net!newsfeed.internetmci.com!in2.uu.
net!zone !spec.specdata.com!usenet

From: skatch@oakwood.com
Newsgroups: alt.0d,alt.sex
Subject: hi
Date: 29 Oct 1995 03:34:29 GMT
Organization: Specialty Data Corp
Lines: 2

Message-ID: <46uso5$kag@spec.specdata.com>
NNTP-Posting-Host: 199.173.223.21
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
X-Mailer: Mozilla 1.1N (Windows; I; 16bit)

Samantha quoted:

SS> hi i love you all!

Hi Samantha, how ya doin. Have a good one....skatch
skatch@oakwood.com

... Please help me......I'am going crazy!!!
___ Blue Wave/QWK v2.12
--- Silver Xpress Mail System 5.4P1

3710. Re: Mods for YAESU FT 840 needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: nadzam@garlic.com
Message-ID: <47aid2$jvo_001@nadzam.garlic.com>
Source record: 210664

Well guys i see that many people have been looking for mods for
this radio so here is the out of band tx mod.

1. take off bottom and top covers.
2. connect a jumper from point TP2003 to ground. this is temporary
while preforming the programming steps. that point is in front and to
the edge of the lithium battery.

3. with the ft-840 off, press and hold the (SSB) & (AM) buttons at the
same time. turn on the rig, then release the buttons simultaneously.

4. the display will show (02-ON). press the (AM) button to confirm
setting: it should read 7.000.00 LSB. turn rig off.
(If the rig does not show 02-on move the main freq knob to change it)

5. press and hold in the MEM , (DOWN) and (UP) buttons while turning
rig "on".
6. turn pwr off, and remove jumper.
7. if you have a problem, dump the backup memory by switching the back
up switch off per the manual.you can then redo the steps.

If you know of any mods please let me know and if you can find out what
01-ON/OFF to 09-ON/OFF i think it goes to, what do the other settings
do.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

3711. Re: Kenwood TS-850 Receive Antenna Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: Frank Donovan <donovanf@jekyll.sgate.com>
Message-ID: <Pine.OSF.3.91.951102195535.28327B-100000@jekyll.sgate.com>
Source record: 210665

TS-850 Separate Receive Antenna Modification

On Wed, 1 Nov 1995, Larry Pardue wrote:

> I have a buddy (N5DM) who has been trying to decide between the 850 > and 870. He would like to get an 850 except for the lack of > provisions for a separate receive antenna for 160 meter use. I have > checked all the mod lists for the 850 and have found no mod that would > allow the use of a separate receive antenna. Has anyone done such a > mod or has anyone heard of anyone else doing it? You could reply on > the group, or to me at discus@caverns.com (NU5M) or to Paul Elliott > (N5DM) at st_pelliott@beta.nmjc.cc.nm.us. > > 73 Larry (NU5M)

The following mod was developed by WA3WJD:

Make a short loop of white telfon cable with a male and female BNC connector. Loop it out of the back of the rig so just enough of the coax sticks out so the BNCs canbe joined with a barrel connector. Locate the little header connector onthe filter board in the TS-850 that is on the receiver side of the TS850 antenna relay. Pull that connector loose. Spend a little time tracking down male and female header connectors that match what Kenwood uses.

Install those on the ends of the white teflon coaxes sticking in the back of the radio. For normal use, just connect the BNCs with a barrel connector and the rig is normal. For Beverage use, connect an extra antenna switch common and ant #1 to the BNC connectors, and put ur Beverages on the other positions.
73, Brian WA3WJD

3712. 2M VS 70CM??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.81.3289.0N1FC786@canrem.com>
Source record: 210666

Hi. I currently use a Kenwood TM241A, with a 5/8 magnet mount on the car, and a very small 2m beem on the house, about 35 feet off the ground. I am fed up! I am mainly tired of overcrowding, and incredible amounts of intermod almost everywhere!
How much is 440 MHZ used these days? When I had a scanner years ago, I thought it was quite dead compared to 2m, but things may have changed. Also, assuming all variables are the same (ie. putting out 45-50 watts to 5/8 antenna), what are the performance differences between the two bands? I may escape the intermod by switching to 440, and be able to have higher gain but smaller antennas then those on 2m, but do the bands perform radically different from each other?

Anybody with any thoughts on this matter?

Thanks,
Chris.
Internet: chris.smart@canrem.com Fido: 1:229/15

PGP 2.6 public key available upon request!

3713. RS HTX-202 questions (int

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.8771.7583.0NFBB744@woodybbs.com>
Source record: 210667

Subject: RS HTX-202 questions (intermod, batts)

>>Does the HTX-202 have good intermod rejection.

Yes - an excellent performer. You will not be disappointed.

>>Does the HTX-202 accept "classic" ICOM battery packs (I have BP-3,
>>BP-7, BC-35 charger, etc., and I'd like to be able to share
>>accessories).

Absolutely. Mikes and headsets are compatible, too!

>>What's the output power with the stock battery pack?

2.5 - 3.0 Watts.

>>I gather it would make more output when powered from 12VDC.

Yes - closer to 7.5 Watts. Some claim a tad more!

>>Is this recommended?

The unit WAS built for it!

>>Is a compatible (12V) battery pack offered from someone?

Periphex makes a nice one - but it practically doubles the size of the
HT! <grin>

>>Can you run the HT directly from 13.8 VDC thru a cig lighter...

Absolutely!

>>...will the BC-35 charge the 12V pack properly?

It does with my Periphex 12VDC Battery. Check with your vendor!

>>Any other words of wisdom from HTX-202 guru?

A solid, proven performer. Performs as advertised.

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221

3714. Re: Various 6m & Antenna Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: randall518@aol.com
Message-ID: <479pjl$au0@newsbf02.news.aol.com>
Source record: 210739
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

A few answers:
1. USB is the mode of comunication for 6m just as it is for 15, 10 and 20. Just one of those established things..
2. There are now available separate SWR/Power meters for 6 meters. They are made by MFJ.. As far as I know, you cannot get a SWR meter made for 2m, HF or 432 to properly measre anything for 6 meters.
3. Listen on 50.125 (national USB calling freq.) and when the band is open listen down from there (for overseas stuff)
A great book on 6 meters is called "6 Meters The Magic Band" available through WorldRadio Books or your favorite ham store.
See ya on 6
Randy
N2VQD

3715. Re: Various 6m & Antenna Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: randall518@aol.com
Message-ID: <479pv6$aup@newsbf02.news.aol.com>
Source record: 210740
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc

A few answers:
1. USB is the mode of comunication for 6m just as it is for 15, 10 and 20. Just one of those established things..
2. There are now available separate SWR/Power meters for 6 meters. They are made by MFJ.. As far as I know, you cannot get a SWR meter made for 2m, HF or 432 to properly measre anything for 6 meters.
3. Listen on 50.125 (national USB calling freq.) and when the band is open listen down from there (for overseas stuff)
A great book on 6 meters is called "6 Meters The Magic Band" available through WorldRadio Books or your favorite ham store.
See ya on 6
Randy
N2VQD

3716. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: prvalko@saturn.acs.oakland.edu
Message-ID: <479dgi$kp4@news2.acs.oakland.edu>
Source record: 210741

Steve Ellington (n4lq@iglou.iglou.com) wrote:
: Don't get too excited about receiving FM broadcast on it either. It is
: quite sensitive buy overload from strong stations is sooooo bad it
: becomes a quagmire of mush. One must disconnect the external antenna and
: use a short whip to seperate stations. It sure does a fine job of
: monitoring cordless phones on 46-49mhz.

Steve,

Are you implying that you heard WIDE BAND FM through the 706's narrow
band FM receiver simply by changing the antenna?

=paul=

3717. Kenwood TH-79A (D) Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: myantach@moose.uvm.edu
Message-ID: <4798sk$hj0@swen.emba.uvm.edu>
Source record: 210742

If anyone is familiar with the 79A(D) mods, please let me know. I recently moded my radio for the extended receive, and it's giving me wierd limits. Instead of the typical (at least for the 79A) receive of 69-174 and 400-511, I get values of 118-174 and 410-469. I have reset the entire radio, and the VFO itself. Is there something that I'm missing? I have not preformed the MARS/CAP mod, because I'm not sure that I was supposed to do that in addition to pulling diodes 304 and 307.
Did they change that with the Deluxe model, or do I need to do something different?
Thanks ahead.
73,
N1RII

3718. Re: Experience with HAMEG spectrum analysers ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: jan.anker@ping.be
Message-ID: <jan.anker.103.00010E2D@ping.be>
Source record: 210743
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.equipment,sci.electronics

In article <DHBBLM.JpJ@rivm.nl> charlos@rivm.nl (Charlos Potma) writes:
>From: charlos@rivm.nl (Charlos Potma)
>Subject: Experience with HAMEG spectrum analysers ?
>Date: Tue, 31 Oct 1995 12:20:10 GMT

>hello all,

>some time ago in rec.radio.amateur.equipment a thread around HAMEG
>oscilloscopes developed. Most people seemed to favor these instruments.
>I would like to know if anyone here is familiar with the HAMEG 5006 series
>spectrum analysers. These analysers are (relatively) low-cost and seem
>to be quite adequate for use in homebrewing RF circuits. As an option
>the 5006 can be equipped with a tracking generator to be used in
>filter measurements.

>Any experience with these analysers ?

>thank you,

>charlos potma
>PA3CKR
>charlos@rivm.nl

I have the spectrum anal/track gen 8028/8038
Dont expect performance of a good HP analyser, but I think the
unit price/performance is good.
I only worry about service/spare parts.
I have a deffective cable which connects unit to the scope.
A funny BNC lookalike connector on this cable is deffective and it seems
to be impossible through the Dutch distributer to obtain a new cable or
connector. (airparts in alphen a/d rijn)
jan

3719. Re: DSP for Powerline Noise?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: jhill@minn.net
Message-ID: <479j2b$d92@bronto.minn.net>
Source record: 210744

In article <9510300654032315@vdim.com>,
charles.plunk@vdim.com (Charles Plunk) wrote:
>Hello All,
> I am looking for information from anyone who has had experiences
>with the use of DSP filters for 2 meter FM and 2 Meter FM Packet to
filter
>power line noise coming from power lines exterior to my house. I have
>been through the process of trying to get the power company to help,
and
>after much persistence,gave up on this route. At times the noise is
bad
>enough to make 3/4 scale voice unpleasant to copy and packet
unprintable,
>but when the noise ceases (usually late at night and during a rain)
>voice is clear and weak packets are printed. Any recommendations on
brands
>and models used would be appreciated. Thanks 73 de Chuck WD4OZN.

Chuck, one of the problems with DSP filters for VHF FM Packet
is their bandwidth. They typically top out around 3 KHZ and
that has proven problematic for 1200 baud signalling rates.
They do however work well on VHF FM voice with a small trade
off in fidelity. Living in an old inner-city neighborhood, I
can honestly tell you that no audio DSP can help you much when
line noise levels approach S-7 or greater on HF. Mine often
gets as high as 10 over S-9 on 80M. That's when it's time to
go spend some time with the family. I know this is of little
concillation, but wanted to share my experiences with you.
Good Luck resolving your noise problem and 73

John S. Hill, NJ0M
Product Engineer
Timewave Technology
jhill@minn.net

3720. 1.2 Fm or 430 am atv w(1)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <815300063.AA04088@hamlink.mn.org>
Source record: 210745

to: nv7v@burgoyne.com
Hi Steve.

NV>Our local group is getting involved with using ATV for public service.
NV>I am thinking that 1.2 FM would work best with portable equipment
NV>rather than using 430 Mhz.

Our RACES group also uses ATV at some events. First, DON'T rely on 439 MHz ATV for anything. In any real event you'll probably be surrounded by 450 MHz radios and some of your own 440 MHz HTs. They will destroy the ATV picture and ATV will interfere with them too.

So now we have 910 or 1200 MHZ and AM vs Fm. 910 MHz AM has the advantage that you can probably tune most "Rabbit" type TV extenders to receive the picture. A few TVs may be able to tune it directly too. This makes 910 MHZ AM possibly useful for distributing the signal. I forgot to suggest 427.25 MHz AM for distribution. It can be received on channel 58 of any cable ready TV or VCR. Again, use it for DISTRIBUTION of your TV signal. Almost forgot, the 910 MHz system could be interfered with by the newer 800 MHz trunking systems and Cellphones too. We haven't seen too much problem yet in our area.

I really prefer the FM systems. Assuming you get enough signal for FM capture, you will have a better picture than a similar signal level in an AM system. The problem is all the FM receivers I've seen are TUNEABLE. And when they loose frequency lock you have to manually tune them back in. I REALLY want to see a crystal controlled FM ATV receiver. Another option we will be trying is to use an old satellite TV receiver, one of the "block" converter types. Most of them are really synthesized FM TV receivers that cover from 950 MHz to 1450 MHz, nicely covering the 1200 MHz band. A few of the local ATVers are using them to receive the local 1200 MHz FM ATV repeater output using a preamp at the antenna. They say they get better pictures than from the 421.25 MHz AM repeater output.

So, my suggestion is to use FM ATV from the camera to the RX control site and 427.25 MHZ AM to retransmit to local TVs at the control site. Absolutely nothing wrong with using standard channel 3 or 4 outputs from a VCR and cable it to local TVs. Or the "Rabbit" and 910 MHz AM TX system I mentioned before. Using horizontal polarization for antennas may help reduce interference. Consider the "Little Wheel" antennas.

On the subject of antennas, we tend to select an omni directional antenna at the RX site and either omni or beams at the TX. ATV requires a LOT of power to cover any distance at all. If you have line of site, yes you can use lower power. But if you have any trees or buildings in

the way, you're sunk. Most of our call-outs with ATV are for fire scenes or barricaded suspects. We have to go less than 1 block and probably over a house. The system we use most is the 910 MHz AM 10 watt TX thru 20' of 9913 to a Comet gain vertical at 15' on a extendable painters pole. Optional antennas are 30" loop yagi beams. The reason we use the 910 AM is because it has a crystal controlled receiver.

Last summer we attempted a multiple hop link. We used 910 AM from the camera 500' to the RX control point, TX via 1200 FM about 1 mile down the street to a transfer site. Re-TX via 900 FM another 1/2 mile to City Hall. The 1200 FM link was basically straight down the street lined with trees on each side. The 900 FM link was through some houses and a lot of trees. The 910 AM short link was crystal controlled and perfect the whole time. The 1200 FM link could usually get a good picture but was greatly disturbed by cars and trucks driving down the street. We had a marginal picture on the 900 FM RX just once. The basic trouble was too many adjustments in the transfer site; 1200 RX freq, video and audio out level, 900 TX video and audio input levels. It was darn near impossible to get things adjusted right and if by chance you did, a truck would go by and cause the RX to loose freq lock. It was VERY discouraging. We even tried to go direct on 1200 FM but with the antenna mounted on a 40' mast lost amoungst 60' trees, a church directly in the line of site, and trying to tune the RX, we couldn't get anything at all. That's why I keep harping about crystal control receivers and minimum adjustments in the RX/TX system. If you find a good cheap video automatic gain control and sync restoration circuit, be sure to let me know. I'll use it the next time we try this stunt.

We did have one very good experiance with feeding flood water pictures to the city EOC. This was the second year we had the 910 AM gear. The camera and TX was moving around the streets and bridges downtown around the river. We put the 910 RX on top of the post office a block off the river. We contacted the local cable company and got one of their video modulators and connected our video into the cable company city government cable and had the cable company put it back on the cable for the EOC. They actually put it on the regular consumer cable system too so city residents could watch the flood too. One thing the cable company wanted was a stable video "squelch" to blank the screen when the camera signal went away. Contact the cable company early.

I highly recommend you use a CW or voice IDer and auto timer on the camera for ID. DON'T rely on the camera video titler. Somebody has to keep programming the thing. I think QST had a cheap CW IDer based on the PIC16C54 chip that had a "fox hunt IDer" mode. That is the one I'd
--==<<< Continued next message >>>==--

3721. 1.2 Fm or 430 am atv w(2)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <815300063.AA04089@hamlink.mn.org>
Source record: 210746

```
--==<<< Continued from previous message >>>==--
use. Else the Hallmark greeting card voice recorder would make a good
IDer with the addition of a timer chip. Besides, the audio IDer should
replace the camera mike audio to prevent improper comments by the camera
operator from being over heard. This is most of my comments.
73's.
Doug Reed, N0NAS email: doug.reed@hamlink.mn.org
St Paul, MN

* SLMR 2.1a * This tagline is umop apisdn
```

3722. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DHEAGs.8r8@iglou.com>
Source record: 210747

I have the 706. You have to buy an interface to convert it to RS232 then
feed that to your computer. No software yet. Nice rig for the $$

Alf Green (alf) wrote:
: Dan,

: The manual includes the protocol info, but no software is provided. However,
: that is readily available at the usual ham ftp sites. The programs for the
: IC735
: etc should work for the 706. (I haven't tried it yet though).

: Rgds, Alf NU8I
: Scottsdale, AZ DM43an

: riffbandit@aol.com (Riffbandit) wrote:
: >I'm on a list for the IC-706...I'm wondering about the PC connection.
: >Does Icom recommend any particular software, or do they just give
: >protocols?
: >
: >Dan Gunderson
: >N9MUF

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3723. IC-706 Rig Selective Scan Memory Mode Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9511021608.AA01943@noldor>
Source record: 210748

****** NO PROBLEM __ ONLY OPERATOR ERROR!!!!!******
****** THOUGHT IT WAS IDENTICAL TO TO MY KENWOOD TS-50/TH78 - Sorry !!!
NO PROBLEM, HAD TO READ THE MANUAL CLOSER, APPARENTLY THE IC-706
, AFTER PRESSING SCN, THE UNIT SCANS ALL CHANNELS IN MEMORY, THEN
PRESS SEL WHILE ITS SCANNING, AND IT WILL ONLY SCAN THE CHANNELS
FLAGGED WITH THE S SYMBOL
Date: 1 Nov 95 22:17:18 GMT
From: aust@gandalf.sp.TRw.COM (Mike Aust)
Subject: IC-706 Rig Selective Scan Memory Mode Problem

Attn: IC-706 Users:
Has any one had any problems with the Selective Scan Feature on
Memory Channels.
I programmed in 6 VHF-FM simplex frequencies into my IC-706, in
memory channel locations 1 thru 6. Then went back to to the G2 menu,
and pressed SEL while in Memory Channel Mode, This created a small S
to appear next to each channel I did this to.
I did this with Ch1,Ch2,Ch3, and Ch4, creating the Flagged S symbol
for these channels. I left Ch5, and Ch6 with no Flagged S symbol.
Next I pressed SCN for scan and the IC-706 scanned all 6 channels,
when I expected only 4 channels to be scanned.
Did I do something wrong here or is it a bug in the firmware, can
anyone confirm this, or at least tell me to go back to the manual??

73
Mike
WB6DJI

Internet e-mail address:
aust@gandalf.sp.trw.com

3724. Re: mobile hf, High Serria antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: griffithj@ricks.edu
Message-ID: <DHFE9v.790@ricks.edu>
Source record: 210749

In article <46oabs$cre@mrnews.mro.dec.com>,
klimasewski@fccvde.enet.dec.com says...
>
>Has anyone tried to build an equivalent to this mobile antenna?
>
>Ken
Don Johnson,W6AAQ 26659 Caspay St, 95627-0595 was the orignal designer of this antenna, and I've heard that he may have legal action out on the people copying his antenna.

At one time, for $5.00 Don would send complete information on how to build the screw driver antenna. It about 16 pages long and covers the making of the antenna from start to finish. He also has writren two very good mobile antenna books.

In my estimation, mounting the antenna is were the people selling it, are worth looking at. The antenna's mounting bracket may take some real thought depending on what you mount it on. Most of the antennas I have seen have the plastic tube taken off the coil and a rubber type motor cycle shock absorber cover over the coil. This seems to work quite well.

It you have this antenna you don't need an autotuner on your rig.

Good Luck
Jim, WA7NDD

3725. Re: Yeasu G-5400B Computer Interface Specs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: cj@algonet.se
Message-ID: <47b576$9bs@prometheus.algonet.se>
Source record: 210750
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Hi Kory,

Kory Hamzeh <kory@avatar.com> wrote:

>I'm building a device like the Kansas City Tracker & Tuner and I am
>trying to figure out the computer interface for the Yeasu G-4500B AZ/EL
>Rotor. I've called Yeasu, but they don't have any written specs. I tech
>support person was nice enough to fax me the schematic of their GS232
>box, which provides a RS-232 interface to the rotor.

>What I need to know is the voltage range of the el & az positions
>indicators and how much current I need to drive the step up/down &
>left/right controls.

>It should be a neat project. I'm using the Parallax Basic Stamp2 chip
>with two National Semiconductor ADC0831 A/D chips and a Maxim 233 TTL to
>RS-232 converter. This little device will receive the azimuth and
>elavation and doppler shift via an RS-232 port on my PC, and then it will
>position the antanna and tune the radio. I'm writing a little windows
>program which gets all this information from WinOrb using a DDE
>interface. If anyone is interested, let me know.

Seems like a neat application. Would be great if you could submitt a
short description to the L.O.S.A when finished.

List Of Stamp Applications (L.O.S.A for short)
==

If you have done something with the BASIC Stamp (big or small)
that you are willing to tell others please use the form below and
write a short description, nothing fancy is needed just a simple
explanation. If you have source code to share that's even better but
it's not necessary.

Then e-mail the form to:

cj@algonet.se

With the following as the subject:

L.O.S.A Contribution

Or you could point your Web-browser to the following URL and fill in
the L.O.S.A form on the Web-page...

http://www.algonet.se/~cj/losa.html

When there are a bunch of contributions I'm going to post the L.O.S.A
to this list, upload it to Parallax, Inc. FTP-site and send it to the
following Usenet groups. I will update it approx. once a month.

sci.electronics
comp.robotics.misc
rec.radio.amateur.homebrew
rec.radio.amateur.misc

[--- cut ---]

```
============================================================================
- L.O.S.A Contribution Form -
============================================================================
New Contribution [ ] Update [ ]
----------------------------------------------------------------------------

Title :
Author: Date:

E-mail: (optional)
----------------------------------------------------------------------------

Stamp model : BASIC Stamp/BS1-IC/BS2-IC
Code available: YES/NO
Filename : (optional)
URL : (optional)
----------------------------------------------------------------------------
Description : (5-50 rows describing your application)

============================================================================
```

[--- cut ---]

If you think something are missing in the "L.O.S.A Contribution Form"
please let me know and I will add it.

Regards,

/Christer

-=-
* High Tech Horizon - Christer Johansson - * email: cj@algonet.se *
-=-
* Vi saljer Parallax, Inc. BASIC Stamp's produkter i Skandinavien *
>> World Wide Web - http://www.algonet.se/~cj/catalog.html <<
-=-

3726. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov2.184030.551@ke4zv.atl.ga.us>
Source record: 210751

In article <479dgi$kp4@news2.acs.oakland.edu> prvalko@saturn.acs.oakland.edu (prvalko) writes:
>Steve Ellington (n4lq@iglou.iglou.com) wrote:
>: Don't get too excited about receiving FM broadcast on it either. It is
>: quite sensitive buy overload from strong stations is sooooo bad it
>: becomes a quagmire of mush. One must disconnect the external antenna and
>: use a short whip to seperate stations. It sure does a fine job of
>: monitoring cordless phones on 46-49mhz.

>Steve,
>
>Are you implying that you heard WIDE BAND FM through the 706's narrow
>band FM receiver simply by changing the antenna?
>
>=paul=

The IC-706 has a *wideband* FM receive mode, hold the mode button for 2 seconds when you're in narrow FM mode and it switches to WBFM. To deal with overload, I just switch in the 20 db attenuator. Works fine, but it's not stereo. That *must* be fixed!! :-)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3727. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-02 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov2.190337.671@ke4zv.atl.ga.us>
Source record: 210752

In article <47aiup$qh2@news.halcyon.com> "Gary P. Fiber" <gfiber@halcyon.com> writes:
>The programs written for the IC-735 most likely will not work as they are
>four bit frequency data and the IC-706 is expecting to see 5 bit frequency
>data. The good news is the IC-735 is the only radio ICOm made that
>requires four bit frequency data. So about any other Icom control program
>will work. Also for budding programmers, the protocall is now in the
>owners manual for the IC-775DSP, 706 and 820H.

I don't want to teach a dog to suck eggs, Gary, but the manual says
that initial set mode item 24 can set the radio to use 4-byte or
5-byte frequency words. Isn't this transceive? Or perhaps it only
works one way, IE from the IC-706 to the IC-735.

BTW, I think it sucks to ship a radio with no schematic, or even
block diagrams. When will the service manual be available?

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3728. WTB: Long-distance wireless communication device

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: "rathindra (r.) guha" <rguha@bnr.ca>
Message-ID: <47chgs$r2m@vixen.cso.uiuc.edu>
Source record: 210668
Cross-posted to: aus.radio.amsat,aus.radio.packet,aus.radio.wicen,bnr.clubs.ham-radio,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.broadcasting,rec.radio.cb,rec.radio.info,rec.radio.scanner,rec.radio.shortwave,alt.radio.networks.cbc,

I am looking to buy a wireless communication device
that can transmit over 150 miles (250km). It cannot be a cellular
phone since the infrastructure for cellular phone is
not available. The requirements are for point-to-point communication
over long distances. Security issues have not been decided.

What kind of device will solve my problem?
If radio, what type of Radio communication device will suffice?
How much will this cost?

Please reply to rguha@bnr.ca since I usually don't frequent these
newsgroups.

--
%@%
%@ Rathindra Guha GISDN Basic Call Architecture %@
%@ rguha@bnr.ca Bell-Northern Research, Ltd. %@
%@%

3729. Re: Diamond Antennas - Still Around? Who Distributes?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: paulc@jax.se.continental.com
Message-ID: <47bo66$btu@usenet.continental.com>
Source record: 210669
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

They're available from many distributors from the parent importing company, R.F. Parts. Telephone number 1-800-737-2787.

-Paul, N9AZ

3730. Re: Looking to buy a new HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: mlin@nwu.edu
Message-ID: <47cfru$fbr@news.acns.nwu.edu>
Source record: 210670

Hi,

Just wanted to say thank you all the responses that I have gotten on
buying a new HT. The info has been more than helpful.

mark

--
Mark Lin (mlin@nwu.edu)
http://www.nwu.edu/people/mlin
Northwestern University, Evanston, IL, USA

3731. Re: Diamond Antennas - Still Around? Who Distributes?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: <>
Message-ID: <47bo4i$btu@usenet.continental.com>
Source record: 210671
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

They're available from many distributors from the parent importing company, R.F. Parts. Telephone number 1-800-737-2787.

-Paul, N9AZ

3732. Re: Any TS-870 Owners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: paulc@jax.se.continental.com
Message-ID: <47bqcp$ca3@usenet.continental.com>
Source record: 210672

Whatever you ultimately decide on, Wait for QST's product review. Had I done so several years ago, I would not have been burned from the purchase of a very expensive Kenwood TS-950SD. Do not buy this radio until you are satified that you have all the information you desire.

-Paul, N9AZ

3733. Re: FT301 Group?? We know who we are...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: jlbarber@wolfenet.com
Message-ID: <47cpmp$rb5@news1.wolfe.net>
Source record: 210673

In article <47bd6e$4jt@grid.Direct.CA>, fcarey@direct.ca says...
>
>Anyone interested in getting together a Yaesu FT301 Group?? There
>are a
>few of us here on the coast that are quite knowledgable with them.

[snip, 'cause my provider can't stand quoted text.. :( ]

Well, I have a nice FT-301D with the FC-301 tuner, and FP-301
speaker/power supply, and for old stuff, it works pretty well.
The only gripe I have is with the LED display - the highest order
digit is intermittent. The tuning rate is also a little fast for
working RTTY/PACTOR etc, but that MAMMOTH heat sink on the back
more than compensates for it.

Considering it's age, it's still a great rig !

**
Jim Barber, N7CXI

3734. Re: Moto' Saber UHF info wanted.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: Brian Kitaoka <bk104.hgea.org>
Message-ID: <47chsj$i3m@hgea01.hgea.org>
Source record: 210674

Hi Matt:

In regards to the Motorola Radios: the line goes as follows:

JEDI = HT1000, MT2000, MTS2000, & MTX Trunked Radios.

SABER: Saber I, II, III

ASTRO SABER:

There are dealers in your area that sells JEDI & SABERS USED.

I think what you need to find out first exactly what frequencies, Private Line/ Digital Private Line is used, and be sure that the system is NOT trunked or ASTRO.

E-mail me at BK104@HGEA.ORG with specific questions and I can try to help you. Motorola Software is priced at $350.00 for each radio type.

Each radio requires a programming cable. Cost for this varies. You would also need a Radio Interface Box (RIB).

Can't give you a est cost of a used radio without more specific information. Estimated cost to purchase equipment needed to program radios is about $600.00 alone.

My recommedation is if you are serious about MOTOROLA Radios, look for a reputable dealer in your area.

3735. Re: Moto' Saber UHF info wanted.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: Brian Kitaoka <bk104.hgea.org>
Message-ID: <47chsr$i3m@hgea01.hgea.org>
Source record: 210675

Hi Matt:

In regards to the Motorola Radios: the line goes as follows:

JEDI = HT1000, MT2000, MTS2000, & MTX Trunked Radios.

SABER: Saber I, II, III

ASTRO SABER:

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I think what you need to find out first exactly what frequencies, Private Line/ Digital Private Line is used, and be sure that the system is NOT trunked or ASTRO.

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Can't give you a est cost of a used radio without more specific information. Estimated cost to purchase equipment needed to program radios is about $600.00 alone.

My recommedation is if you are serious about MOTOROLA Radios, look for a reputable dealer in your area.

3736. Want Mod IC-820H (freq)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: carl.nord@channel1.com
Message-ID: <40.15061.2424@channel1.com>
Source record: 210676

I have a IC-820H andthe specs refer to rcv. range of 136-174 mhz., but there seems to be no way to do that from the front panel. Is anyone aware of any mods to do same ?
Thanks
Carl
WA1KPD

3737. Sell Icom Ext. VOX

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: carl.nord@channel1.com
Message-ID: <40.15062.2424@channel1.com>
Source record: 210677

Icom EX1514 external vox for Icom equipment.
Brand new, never used
$60.
Carl
WA1KPD

3738. Mods for Ft11R ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: carl.nord@channel1.com
Message-ID: <40.15064.2424@channel1.com>
Source record: 210678

Anyone know of any mods for the FT 11R which will expand the xmt range
to meeet the expanded rcv range ? Just for academic purposes....
Thanks
Carl

3739. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DHGzv1.D0z@iglou.com>
Source record: 210679

: Are you implying that you heard WIDE BAND FM through the 706's narrow
: band FM receiver simply by changing the antenna?

No. It has WBFM position. It works ok but strong fm stations tend ot
overload it. A smaller antenna obviously would help prevent this.
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3740. Changing lithium batteries in Yaesu FL-7000 amp/autotuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: pruth@ocvaxa.cc.oberlin.edu
Message-ID: <47d8jp$7b8@news.cc.oberlin.edu>
Source record: 210680

Has anyone ever had the opportunity to change the lithium batteries in this beast? There's one in the amp section, and one in the autotuner section, and I'm about to tear into the device and change that which needs to be changed. The batteries are on their way from Yaesu, and the tech support guy from Yaesu told me over the phone how to do it, and it sounds rather hairy, especially for someone such as me who has a Klutz Index of 87.3. It would either reassure/terrify me to hear what others have experienced in this regard, and get the caveats I need. Thanks. --Bill kb8usz pruth@alpha.cc.oberlin.edu

3741. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: harjula@ntc01.tele.nokia.fi
Message-ID: <1995Nov3.103621.1@ntc01.tele.nokia.fi>
Source record: 210681

In article <1995Nov1.174701.24975@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
> In article n4lq@iglou.iglou.com (Steve Ellington) writes:
>>
>>Don't get too excited about receiving FM broadcast on it either. It is
>>quite sensitive buy overload from strong stations is sooooo bad it
>>becomes a quagmire of mush. One must disconnect the external antenna and
>>use a short whip to seperate stations. It sure does a fine job of
>>monitoring cordless phones on 46-49mhz.

You are absolutely right. Below 60 MHz it is fine, but above it is nearly useless. Even with a 1m whip you can only hear intermodulation from FM band. All the way from 60 to 200 MHz, if the preamp is on. The 50 kW FM stations are about 10 km away.

NBFM is a bit better than the wide FM. On the East European FM band (66 to 73 MHz) I can hear a few Estonian stations on NBFM but on WFM it is just noise. That is with external antenna and preamp off.

> Call me wierd (I know some of you do anyway), but what closed the
> sale for me was the presence of FM broadcast reception capability
> on this rig. The novelty value of receiving FM broadcast on a HF
> rig was too much to resist. I can hardly wait for the service
> manual to become available so I can mod it to do FM *stereo*. :-)

Gary, when you get at it, look if the front end could be improved also. And let us know. It shouldn't be too difficult, my 50$ walkman does a better job on FM.

Otherwise the rig is almost perfect for me. Well I wouldn't mind 100 W on 2 meters or configurable RF connectors. Or at least a different "band" voltage on 2 and 6 to control an external relay.

Does anyone have interest in developing an external automatic antenna switch/filter bank/preamplifier ? CI-V bus interface, controller and a few relays and connectors.

t. Arto, OH2BGN
--
Arto Harjula tel +358-0-5112 8308 fax +358-0-5112 8299
Nokia Telecommunications / PMR arto.harjula@ntc.nokia.com

3742. Re: HELP: Magellan Meridian GPS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-0311950953560001@145.39.1.10>
Source record: 210682
Cross-posted to: sci.geo.satellite-nav,rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <46t7tm$1vl@acme.freenet.columbus.oh.us>,
gfoley@freenet.columbus.oh.us (Gerard Foley) wrote:
<<SNIP>>
> on the HF bands. A chap named Bruninga or Bruniga (sorry, forget his
> WA4 or WB4 callsign)
<<SNIP>>
> Gerry K8EF

When you know how deeply Bob Bruninga is involved in fathering APRS, his
call is impossible to forget. It is WB4_A_P_R_, of course!!!

--
Karl Beckman, P.E. < If our English language is so >
Motorola LMPS-RNSG Pvt Data < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
** Opinions expressed here do not represent the views of Motorola Inc. **
--
By sending unsolicited commercially-oriented e-mail to this address, the
sender agrees to pay a $100 fee to the recipient for proofreading services.
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3743. Re: HELP: Magellan Meridian GPS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-0311950954310001@145.39.1.10>
Source record: 210683
Cross-posted to: sci.geo.satellite-nav,rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <46t7tm$1vl@acme.freenet.columbus.oh.us>,
gfoley@freenet.columbus.oh.us (Gerard Foley) wrote:
<<SNIP>>
> on the HF bands. A chap named Bruninga or Bruniga (sorry, forget his
> WA4 or WB4 callsign)
<<SNIP>>
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call is impossible to forget. It is WB4_A_P_R_, of course!!!

--
Karl Beckman, P.E. < If our English language is so >
Motorola LMPS-RNSG Pvt Data < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
** Opinions expressed here do not represent the views of Motorola Inc. **
--
By sending unsolicited commercially-oriented e-mail to this address, the
sender agrees to pay a $100 fee to the recipient for proofreading services.
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

3744. Kenwood interface details

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: brian_jones@uk.ibm.org
Message-ID: <47dgcl$kqm@zen.hursley.ibm.com>
Source record: 210684

Just got an RS232 interface for my TS850SAT and while there's some good software available I'd kinda like to have a go at writing my own.

Anyone point me to where to find details of the commands required to drive the TS850 and what is returned by the radio (frequency, S-meter etc.)

Brian Jones - G0UKB / KB8YKJ.

3745. Re: ATLAS 400X -"Little Giant" -Comments about this unit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: slay@netcom.com
Message-ID: <slayDHGHxy.n1y@netcom.com>
Source record: 210685

paulc@jax.se.continental.com wrote:
: >PS - If you still really want the 400X. Get a hold of me, because it
: >seems I'm going to get one whether I want one or not.

: I hope you're right and that you get the rig you paid for.
: Unfortunately, I've heard of others getting burned badly as well. Time
: for a class-action lawsuit?

So ..... let's see .... if you could take all the liquid assets of
the firm and split up equally between all the potential litigants
in a class action loss suit ... and assuming you were victorious,
how much would each individual receive? ..... If the judgement
were larger than the assets or equity in the firm ... then you'd
likely see a bankruptcy petition .... which means ..... take a guess.

Hope y'all get ur radios .....

Cheers
Sandy

3746. Re: Kenwood TS-850 Receive Antenna Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <815420284.1233@pinetree.microserve.com>
Source record: 210686

Frank Donovan <donovanf@jekyll.sgate.com> wrote:
>On Wed, 1 Nov 1995, Larry Pardue wrote:

>> I have a buddy (N5DM) who has been trying to decide between the
>>850 and 870. He would like to get an 850 except for the lack of
>>provisions for a separate receive antenna for 160 meter use. I
>>have checked all the mod lists for the 850 and have found no mod
>>that would allow the use of a separate receive antenna.

>The following mod was developed by WA3WJD:

<<snip>>

I hadn't realized until now that new transceivers were being made without a separate input for the receiver. I'm planning to upgrade shortly and have been thinking about the TS-850 because of its QSK capability (which my present transceiver doesn't have). However, my station includes a KW amplifier and I had intended to add an external T/R switch for QSK when the new rig arrived. The switch I have in mind requires a separate connection to a receiver and is essentially an electronic version of a SPDT relay, switching the receiver input between ground and the antenna.

Assuming that I don't want to modify the new rig or use vacuum relays, is there another configuration of T/R switch that's normally used for QSK with transceivers and external amplifiers? If this issue is a dead end, can someone recommend a similarly-priced transceiver that provides good QSK and a separate receiver input?

73 & Tnx,

Jack WB3U

3747. CW Key Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: Jim Sheffield <102573.761@CompuServe.COM>
Message-ID: <47dmq4$pb7$1@mhadf.production.compuserve.com>
Source record: 210687

Hello:

Am looking for articles and/or kits for commercial or homebrew CW keys, especially dual paddle "squeeze" keys. Any other avid CW fans out there? I already know about Kent key.

Thanks. 73 de KB7ET

--
j.s.

3748. Info Needed-Icom V68 FM Handie Talkie

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: jason goldring <jason.goldring@sheridanc.on.ca>
Message-ID: <DHH5x2.CAx@eclipse.sheridanc.on.ca>
Source record: 210688

I recently purchased and Icom V68 handie talkie, and I believe that I was mis-informed about this radio prior to purchase. The salesman had told me that the radio was just a "plain jane" model, with minimal features, but that it also received 136-172 Mhz (pretty common with today's VHF rigs.) He said that it also is a good alternative for commercial use, kind of a "dual function" radio. He finally told me that a few security companies have purchased quantities of these radios for their employees.

Anyways, the price was good, so I purchased it, and ever since that day, I have become VERY frustrated with this rig. The manual tells me absolutely NOTHING about even the simplest features available on this rig, such as the + and - offsets, programming the memory channels, etc. Other information included in the manual is very vague, and hard to understand, and it keeps mentioning "If you are unsure...contact your system administrator or operator." Yes, I guess this more a commercial radio than amateur, even though I have seen this rig advertised in some ham magazines. To prove this point even further, the advertised "136-172 receive" is actually full transmit as well, with absolutely no modifications needed-it comes like this straight from the factory!!

Well, enough babbling for now. I would just like to know if anyone has any experience with these units, such as programming them, and getting all of the features to work that are not in the manual.

Thanks in advance...
Jason.

3749. IC706 CW Filter ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DHHK1C.7zs@iglou.com>
Source record: 210689

Does anyone know how many poles the FL-100 cw filter has? Is the skirt comparable to that of larger rigs? I just recieved the filter and it is awfully small to have many poles in it. It says 6db on it.
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3750. Re: Any TS-870 Owners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: ga19989@evax02.d51.lilly.com
Message-ID: <1995Nov3.160443.1@evax02.d51.lilly.com>
Source record: 210690

Lew McCoy's review in November QST was much more complimentary to TS870 than what I have been seeing here in this newsgroup. He did NOT compare the receiver against (say) a TS850 with an audio DSP, so we still don't have apples and apples comparison relative to the comments here.

Suggest you read and judge for yourself.

Mel KJ9C

In article <47bqcp$ca3@usenet.continental.com>,
paulc@jax.se.continental.com
writes:
> Whatever you ultimately decide on, Wait for QST's product review. Had I
> done so several years ago, I would not have been burned from the purchase
> of a very expensive Kenwood TS-950SD. Do not buy this radio until you
> are satified that you have all the information you desire.
>
> -Paul, N9AZ
>
>

3751. LI Battery Azden 5000

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: danderse@genie.esu10.k12.ne.us
Message-ID: <47e43r$m0s@news.nde.state.ne.us>
Source record: 210691

My friend has the above and it looses the memories when power is disconnected. The manual mentions the replacement of the lithium battery but makes no mention as to where it is located, and he has yet to find it. Can anyone help? Tnx/73/DX

--
****
AMATEUR RADIO STATION NO0C
Tim L. Andersen "If you come to a fork in the road,
15 LaPlatte Road take it" - Yogi Berra
Kearney, NE 68847-4802 NO0C@WA0PXW.#SCNE.NE.USA.NA
U.S.A. ARRL DXCC Mixed and SSB Honor Roll
QSL Mgr for BV4CT 329 Worked/328 Confirmed/4 Deletions
Looking for: 3Y/B - A5 - P5 - VK0H - VK0M - VU4
****

3752. ??? on mod of FT51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: Scott Lawrence <lawrence@en.com>
Message-ID: <47e52k$sf3@antares.en.com>
Source record: 210692

I'm debating on modifing my Yeasu FT51R. I have the directions of enabling the 420-470 rx/tx 140-?? tx.

Are these jumpers that are to be removed, solder or actual wires? Can they be cut rather than taking a soldering iron to the board?

Anyone who has done this mod, if you could please share your comments with me I'd appreciate it.

KC8BGB

Scott,

Lawrence@en.com

3753. Re: ATLAS 400X -"Little Giant" -Comments about this unit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <47ea75$cni@giga.bga.com>
Source record: 210693

Anyone "dumb" enough to buy this equipment, before ever seeing one of them finished, or sending in a
deposit, with no units ever completed, they deserve what they get.

3754. Re: Radio Shack Frequency Counter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: Lyle Tanner <ltanner@indirect.com>
Message-ID: <47e8ip$9ks@globe.indirect.com>
Source record: 210694

>How to add a hold function to the Radio Shack RF Frequency Counter:
>
>Ground TP 17. In the schematic, TP17 is pin one of U3, connected to
>+5V thru a 47k resistor. On the circuit board, TP17 is on the display
>side, just right of the lower-right corner of the IC. Grounds are about
>1/4 inch below and to the right, the three non-tinned points in the large
>area of metal. TP17 is the tinned pad next to a SM resistor marked '473'
>for 47k.
>
>I rigged a momentary switch to ground TP17 thru a 1k resistor (you never
>can tell) and it works just fine! I drilled a small hole to mount the >switch
>just above the plastic depression so I could push the button with my >right
>thumb. A small toggle switch would fit if you want to hold longer.

I just finished this mod. Works great! I put both a momentary switch on
the side as well as a toggle on top (very tigh fit on top). The toggle
was a little too long on the side for my tastes, so I put a
momentary in the side hole and moved the toggle to the top (Just in
case I need to set the thing down while still showing the freq.) Thanks
for the info. :-)

-Lyle Tanner (KC7IPY,ICP927)
-ltanner@indirect.com
-http://www.disaster.net/icp/

3755. Outbacker HF-mobile-antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: manfred.lange@hamburg.netsurf.de
Message-ID: <47e7rp$r9r@trance.isys.net>
Source record: 210695

Does anyone know the Outbacker antennas for mobile HF-operation?
What about the electric and mechanical performance of these antennas?

Any comments?

73, Manfred, DK3UD.

Name: Manfred Lange
Location: Hamburg / Germany
E-Mail: manfred.lange@hamburg.netsurf.de
Ham Call: DK3UD
Ham BBS: DK3UD@DB0HB.#HH.DEU.EU

3756. Re: ATLAS 400X -"Little Giant" -Comments about this unit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: paulc@jax.se.continental.com
Message-ID: <47bq7e$ca3@usenet.continental.com>
Source record: 210696
Cross-posted to: rec.radio.amateur.equipment,rec.audio.shortwave,alt.radio.pirate

dandroxl@montana.com (Montana Online User) wrote:
>In article <46v30n$gn@news.netvoyage.net>, rgiron@netvoyage.net (Rudy Giron) says:
>>
>>Hello,
>>
>>I am planning on purchasing the ATLAS 400X "Little Giant" by Atlas
>>Radio down in San Diego and was wondering if you guys have any
>>comments about the unit and/or the company.
>>
>>All comments and suggestions are appreciated in advance.
>>
>>Thanx,
>>
>>Rudy
>>
>>rgiron@netvoyage.net
>>
>Yeah, I have comments. I ordered my Atlas over two years ago,
>and payed in full. I still haven't seen my radio. It sounds like
>there are some new people running the company now and they are
>promising to deliver "sometime soon"; however, they cannot give a
>delivery date.
>In this time I have asked for a refund. When the new people took over
>they began answering the phone again. I was refused the refund and told
>to wait for my radio.
>My order number is well under 300. So if there were some produced I
>PS - If you still really want the 400X. Get a hold of me, because it
>seems I'm going to get one whether I want one or not.

I hope you're right and that you get the rig you paid for.
Unfortunately, I've heard of others getting burned badly as well. Time
for a class-action lawsuit?

-Paul, N9AZ

3757. Re: an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDHHIA7.JDE@netcom.com>
Source record: 210697
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.homebrew

Michael Fogarty (mfogarty@netcom.com) wrote:

: I am surprised that nobody really seemed to mention the possibilities and
: benefits of expanded frequencies. Perhaps you're all old timers who've
: gotten the modifiable radios (like my friends), or you don't really care
: to listen in on the verboten bands. Regardless, I'll have an HT on
: returning from HK or I'll get one here soon thereafter (likely the latter).

Expanded frequency coverage is a compromise. If I want such a compromise,
I'll buy a cheap Radio Shack scanner. I'd rather not made such a compromise
with my ham gear.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

3758. Re: COOL STUFF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: tgriff@ix.netcom.com
Message-ID: <47g9it$iji@ixnews6.ix.netcom.com>
Source record: 210698

wrt@eskimo.com (Bill Turner) wrote:

>I would be very suspicious of someone who doesn't give his real name, wants
>you to send money to someplace you never heard of, for something that ought to
>be free....
>
>
>73, Bill W7LZP
>wrt@eskimo.com

Point well taken, Bill but where there's a will, there's a way:

Path:
ix.netcom.com!howland.reston.ans.net!newsfeed.internetmci.com!news.mid.net!news..ksu..ksu.
.edu!hptemp1..cc..umr..edu!djansen
From: djansen@rocket.cc.umr.edu (Fire Fighter)
Newsgroups: rec.radio.amateur.equipment
Subject: COOL STUFF
Date: 2 Nov 1995 22:28:21 GMT
Organization: UMR Missouri's Technological University
Lines: 38
Message-ID: <47bgm5$b5r@hptemp1.cc.umr.edu>
NNTP-Posting-Host: rocket.cc.umr.edu
X-Newsreader: TIN [version 1.2 PL2]

> don't post here usually 'cuz

The moral of the story is that that when you try to pull the wool over
everyones' eyes, it's generally you [the wool puller] who has a vision
problem.

Tom

3759. Re: OMNI VI Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-03 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <47ebm2$4c@safety.ics.uci.edu>
Source record: 210699

I have an OMNI VI that was built early this year. It does not exhibit any problem with the QSK at 35 wpm or higher, and the sidetone is fine. The noise from the reed relay is really very light and high pitched, easily ignored. (I have a few ways to quiet it down and I am satisfied that when I want to, I will make it very quiet...)

I would need to hear a better description of your problem to understand it. I would be happy to correspond on the subject.

Clark
WA3JPG

3760. What is Champion Bug?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <815469884.13840@pinetree.microserve.com>
Source record: 210603

The other day on 80M I mentioned to someone that I enjoy using a bug more than a keyer. The other guy had used quite a few bugs through the years and said the "Champion" was the best he'd ever used.

Can someone tell me who made this bug, and whether it's rare (i.e. expensive)? I'd like to try one, but I can't afford to pay collector prices for equipment I put on the air. On a similar note, any opinions on the Vibroplex Blue Racer? How does its "feel" compare to the Deluxe Original?

Tnx & 73,

Jack WB3U

3761. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <47g213$g8c@news.halcyon.com>
Source record: 210604

The adjustment for 4 bit data is for connecting the 706 to a 735 using one for the receiver and the other for the transmitter, and allowing them to track each other. It is called transceive mode in the CI-V world of things. One might try setting the 706 to the 4 bit data and see if a 735 control program will work. But there are many fine programs that also cover other models along with the 735.

The service manual figures to be available some time after January, 1996. Leaving out the print is a cost cutting measure, also aloows for putting in all efforts to service manuals. If you take $ 0.50 per print and multiply that by 20,000 radios it gets to be a fairly pricy sum of money. Money that is better spent for service manuals. Far better than not printing service manuals at all.

In todays radios it is pretty hard to identify and find one's way around with out some sort of circuit board layout. The layouts will be in the service manual.

73' Gary

3762. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <47g26n$g8c@news.halcyon.com>
Source record: 210605

Did you know the IC-706 uses ONE pair of final transistors for 160 through 2 meters transmit ? Also how about the I-LOOP, one PLL that can cover 10 Hz to 3000 GHz. pretty slick rig.

Gary

3763. 4sale: new 2m mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: twise@ix.netcom.com
Message-ID: <47ga73$nkn@ixnews2.ix.netcom.com>
Source record: 210606
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,sbay.hams

I have a brand new, never used, 1 month old Radio Shack HTX-212 mobile radio for sale.

Includes two VFO's, 50w, manual, wiring, microphone. Never used.

Make an offer, no trades please.

Travis, KB8FOU
twise@ix.netcom.com

Travis A. Wise
twise@ix.netcom.com
http://www.isc.sjsu.edu/b/students/twise/index.html

3764. Re: EARTALK

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <47gc3f$ff4@over.mhv.net>
Source record: 210607

Barry Dorfman (barry@valonline.com) wrote:
: Does anyone have any info on a device that is a combination of an
: earphone and ear mic for HTs?

: Barry KB6CV

I know they are out there and from what I've heard they work really
well. I hear you'd be suprised how well they transmit audio is with those
units.

Tom - KB2SMS

3765. Re: Moto' Saber UHF info wanted.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: infinit2@ix.netcom.com
Message-ID: <47fcbs$86n@ixnews6.ix.netcom.com>
Source record: 210608

In <47chsr$i3m@hgea01.hgea.org> Brian Kitaoka <bk104.hgea.org> writes:
>
>Hi Matt:
>
>In regards to the Motorola Radios: the line goes as follows:
>
>JEDI = HT1000, MT2000, MTS2000, & MTX Trunked Radios.
>
>SABER: Saber I, II, III
>
>ASTRO SABER:
>
>There are dealers in your area that sells JEDI & SABERS USED.
>
>I think what you need to find out first exactly what frequencies,
>Private Line/ Digital Private Line is used, and be sure that the
system
>is NOT trunked or ASTRO.
>
>E-mail me at BK104@HGEA.ORG with specific questions and I can try to
>help you. Motorola Software is priced at $350.00 for each radio type.
>
>Each radio requires a programming cable. Cost for this varies. You
>would also need a Radio Interface Box (RIB).
>
>
>Can't give you a est cost of a used radio without more specific
>information. Estimated cost to purchase equipment needed to program
>radios is about $600.00 alone.
>
>My recommedation is if you are serious about MOTOROLA Radios, look for
a
>reputable dealer in your area.
>
>
I have a MOt Saber System... and the Prog. equipment cost me
less than $200 ....You don't have to Be everything from Mot...they
rip you Off...

3766. VHF Communications Magazine

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <887019181wnr@g6iqm.demon.co.uk>
Source record: 210609

Hi there,

Yes I am afraid its me again - but initiating my own thread!!!

I now I cannot compete with HRT - heaven forbid! - but for all those
who might be interested we have arrived on the Web!

Our Web pages can be found at:

http://www.taynet.co.uk/~gdx/ag/vhfcomm.htm

Initially our pages are quite simple, in order to guage response etc.
So, please let me have your comments (not too unkind please!) and
suggestions and I will see what can be done.

Even better - how about subscribing!!!!!!

73 ... Mike
--
Michael J Wooding vhf-comm@g6iqm.demon.co.uk
CompuServe: 100441,377
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

3767. WTB PK-88

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: jagg@globalone.net
Message-ID: <47gfrr$hcc@news.global1.net>
Source record: 210610

I am interested in buying a PK-88 or similar externalVHF TNC unit.Jag AA2LJ

3768. looking for mods...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: infinit2@ix.netcom.com
Message-ID: <47fcjp$8qn@ixnews3.ix.netcom.com>
Source record: 210611

I am looking for the MARS Modification for the Alinco Dj-580..
please don't reply if you r going to tell me to cut the red wire...
that is not what i want...

thanks

3769. Need Help On FT-5100 Yaesu

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: mcb07@aol.com
Message-ID: <47glqf$opk@newsbf02.news.aol.com>
Source record: 210612

I have lost my manual for my radio and have inadvertently turned on the beep function. I would appreciate it greatly if some could let me know the combination of buttons to turn this off.

thanks,
RS

3770. Help! RF-Shielded Computer Cases?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: ac666@detroit.freenet.org
Message-ID: <47gs6b$sp0@detroit.freenet.org>
Source record: 210613

I'm currently using a cheapo mini-tower case that leaks
RF like a sieve. It's pretty difficult to use the computer
for loggin, TNC, etc. when it adds 2 S-units of noise!
Does anyone have any suggestions as to where I might
obtain a well-shielded mini-tower case, or other tips
for reducing computer noise?

Please reply by mail to ac666@detroit.freenet.org
since my newsfeed is not too reliable.

Thanks,
Sheldon N8SL

3771. New CAPMAN does contour mapping

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: 70511, 2570@compuserve.com
Message-ID: <47gu60$8i1@data.interserv.net>
Source record: 210614
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.shortwave

Version 3.0 of CAPMAN, Communications Analysis Prediction Manager, is now available with many enhancements.

A mapping module is also available that provides color contours of: MUF or S/N, Reliability, Angle, Field Strength, Antenna Gains,
Virtual Height, Loss, Range and more relative to frequency, projected on a user specified area or the entire world map.

See ads in the current issue of NCJ and CQ for more details.

contact:

Lucas Radio/Kangaroo Tabor Software
552 Wewoka Drive, Boulder, CO 80303
303-494-4647 FAX: 303-494-0937

Say you saw it here.

3772. For sale Setchell Carlson VLF rcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: jburgwynjr@aol.com
Message-ID: <47h29f$roe@newsbf02.news.aol.com>
Source record: 210615

```
Setchell Carlson rcvr BC-1206C Untested Good appearance $30.00 shipped
```

3773. New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: jmg@tntech.edu
Message-ID: <1995Nov4.163905.16063@atlas.tntech.edu>
Source record: 210616

Anyone know anything about the new Radio Shack 2 meter mobile
rigs. They are on sale for $299 now and it sure looked good.
wonder who really makes it and how it compares to the other
current 2 meter mobile on the market.
73

Jeff, AC4HF

3774. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: k5qq@aol.com
Message-ID: <47hcb3$1g5@newsbf02.news.aol.com>
Source record: 210617

Experiment with the preamplifer OFF

I find my 706 works very well everywhere but I notice that if you are not in a HAM band, the preamplifer does funny things. It seems to distort the signals.

Try this experiment on 2 meters. With the preamplifer off, Tune the band with the squelch off and tune past a band edge. No significant change will be noted. Now do the same thing with the preamplifer on and notice what happens as you tune the band edge. The radio beeps as you cross the band edge and the noise become incredible.

I also noticed that on the 118 mhz airport advisory channel, the signal is great with the preamplifer off. But with it on, the signal becomes very distorted.

However the preamplifer works like a champ on any ham band particularly on 6 meters and on 2 meters.

So, it appears to me it is somehow programmed and out of band has something else put into the circuit.

The reports of poor sensitivity need to be rechecked to see how the preamplifer was set.

I love my 706 - it's a neat radio with the only drawback on programming 2 meter repeaters. It wants to act like a HF radio with the memory management.

73's all

K5QQ@AOL.COM

3775. Tubes 4 Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: "Mike Weiss"
Message-ID: <47g8v2$8s@news.pacifier.com>
Source record: 210618

Im attempting to sell the following tubes for a friend. He wants to see them as one lot at $1/each. I believe there are 218, ergo, FOLLOWING FOR SALE $218.

Thanks,

Mike Weiss
igortl@pacifier.com

930 3 6C4 12AQ5
1629 6CG7 12AT6
1A7 6CG8A 4 12AU6
1LN5 6CJ3 4 12AV6
1K3 6CY5 12AZ7
1N5 6CY7 12BA6
1R5 2 6CW5 12BA7
1U4 2 6EH7 12BE6
1U5 4 6EJ7 4 12CA5
1V2 6F6 12HL7
1X2 4 6FQ7 12SA7 2
6GH8A 5 12SK7
3A3C 2 6GJ7 13SQ7
3CB6 6GK6 12X4 2
3DB3/3CY3 6HA5 3
3DF3 2 6AG5 14Q7
3GK5 3 6HS5
3HM5/3HA5 2 6J7 3 15BD11 4
3V4 2 6JU8A 2
6K6GT 2 17BE8
4BS8 2 6K7GT 17BF11 2
4BZ6 2 6K8GT 17JZ8 3
4CB6 6KT8 4
4DK6 6LB6 5 21GY5
4DT6 6ME8 2 21LU8
4EH7 6SA7
4MP26 6SC7 2 22DE4
6SF7 2
5GJ7 3 6SG7 25L6 2
5KE8 6SJ7 3 25Z6 4
5X8 6SL7 2
5Y3GT 4 6SK7 3 33GT7 4
5Z3 6SN7GTB 8
5Z4 2 6SR7 35L6GT
6T8A 2 35Y4
6A8G 6V6GT 2 6AC7 3

6X5GT 4 36MC6 6AF4
6Y6 6AG7 3 6Z10/6J10 2
38HE7 6AK5 6AK6 3
8B10 3 5OL6 6AQ5
8CB11 6AU8 6AX4GTB 3
10JY8 6B810Z10 6BA11 2
6BQ6GTA 2 11AR11 2 6BK7
11DS5 11MS8

--

Pacifier Online Data Service Dialup SLIP/PPP User
To register: (360) 693-0325 or telnet pods.pacifier.com

3776. WANTED INFO: How to build modems.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: mutchg@topaz.cqu.edu.au
Message-ID: <1995Nov4.101435@topaz>
Source record: 210619

Hi all
I'm chasing schematics or circut diagrams/proofs full designs
what ever , to make modems, phone modems , fax modems packet tnc. etc...
Can anyone help in this area. I wish to build telecom approved modems
in the not to distant future. I have a pet project: I would like to
program multi port software and I think purchasing volumes of modems
may get expensive. So I'm waying up the option of building them myself.

Any replys with schematics for Australia preferably , if not anything will
do . I can add modifications I guess.

I'm new at the modem game so go easy on the any details :)

-G.D.Mutch
Email :Mutchg@Topaz.Cqu.Edu.Au

3777. HELP PLEASE - MOTOROLA MX30OR INFO & PARTS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: lmilrad@passport.ca
Message-ID: <47h1mp$7a0@diplomatic.passport.ca>
Source record: 210620
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I have a chance to acquire a set of Motorola UHF MX30OR 12 channel radios (Model H44SXU3140AN) which are medium sized units with a black rubberized finish. Two problems - firstly, I'm not familiar and never seen nor heard anything about these models and secondly, neither has an antenna nor battery.

Any input regarding these units would be greatly appreciated as well as suggested product numbers for the antenna and battery packs. Both are in the lower 440 MHz split.

Thanks in advance.
--
Lou Milrad
lmilrad@passport.ca

3778. Re: RS HTX-202 questions (intermod, batts)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: eboatman@phoenix.net
Message-ID: <47eufl$kjc@gryphon.phoenix.net>
Source record: 210700

dgf@netcom.com (David Feldman) wrote:

>OK, my HT-for-a-day, an ICOM 2GXAT went back to the dealer today after I
>decided it had severe RX intermod problems (just sitting on the shelf in
>the shack, duckie attached, I was hearing lots of intermod products on
>146.52...)

>I hadn't been following the discussion of the HTX-202 when it was active,
>but here are my questions:

>1. Does the HTX-202 have good intermod rejection (like my old IC-2AT)? I
>don't need out-of-band RX, I _DO_ need decent intermod performance.

>2. Does the HTX-202 accept "classic" ICOM battery packs (I have BP-3,
>BP-7, BC-35 charger, etc., and I'd like to be able to share accessories).

>3. What's the output power with the stock battery pack? I gather it would
>make more output when powered from 12VDC. Is this recommended? Is a
>compatible (12V) battery pack offered from someone? Can you run the HT
>directly from car 13.8 VDC thru a cig lighter plug? If there is a 12VDC
>battery pack, and if the HTX-202 is compatible otherwise with the BC-35,
>will the BC-35 charge the 12V pack properly?

>4. Any other words of wisdom from HTX-202 guru?

>Thankx, direct e-mail preferred.

>73 Dave WB0GAZ dgf@netcom.com

yes the htx202 and the htx404 will take the icom battery packs.

3779. Re: HELP: Magellan Meridian GPS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: eboatman@phoenix.net
Message-ID: <47eufo$kjc@gryphon.phoenix.net>
Source record: 210701

jsutton@erols.com wrote:

>> gfoley@freenet.columbus.oh.us (Gerard Foley) writes:
>> Bob Fritz (bfritz@sd.inri.com) wrote:
>> <snip>
>>
>> : Though I just got my amateur license, I don't know what APRS is.
>>
>> I think it means Amateur Position Reporting Service, and is a system or
>> protocol for relaying positions, usually from GPS, by ham radio and
>> plotting them on maps. On 2-meters it uses standard packet radio
>> methods, and is often run on 145.79 MHz. It also operates sometimes
>> on the HF bands. A chap named Bruninga or Bruniga (sorry, forget his
>> WA4 or WB4 callsign) originated it and has written most of the software
>> for it. The current models of most ham TNC's (Terminal Node Controller)
>> have special provisions for executing the protocol automatically.
>> Gerry K8EF
>>
>>
>>>>>
>APRS stands for AUTOMATIC POSITION REPORTING SYSTEM. It is a useful system
>for users other than Amateurs. The software is available from a BBS in Annapolis and
>also from other BBS around the US. There are a lot of Amateurs that are using the
>system.

>73/Jim/AC4CZ

also you can get the files from ftp.tapr.org in the
tapr/SIG/apssig/UPLOADS directory.

3780. New Timewave DSP filter??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-04 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDHIAts.LsC@netcom.com>
Source record: 210702

Anyone out there have any information on the new Timewave DSP filter that
I saw advertised in QST?

I have a Timewave DSP 59+ and I am interested in hearing about how the
new one compares with the one I have.

Any information would be appreciated.
Thanks.

--
herbr@netcom.com

3781. W2A DTMF tones

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: jwc@a.crl.com
Message-ID: <47jg72$b74_001@sat1.as.crl.com>
Source record: 210553

I have a W2A and the DTMF tones are way to hot. I don't have the service manual, SOOOO can anyone tell me where the pot is to adjust the tones. Thanks and 73.

Jim Chandler, N0VAH
jwc@a.crl.com
1024-bit Key fingerprint = 74 B4 7C BF 51 ED A6 00 F5 2C 6E 99 A7 0D 29 D2
2048-bit Key fingerprint = 82 30 8D 56 43 22 3A 2F 4D EA 37 DE B9 B4 21 52

3782. Re: HELP PLEASE - MOTOROLA MX30OR INFO & PARTS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-0511951958090001@grail1706.nando.net>
Source record: 210554
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

In article <47h1mp$7a0@diplomatic.passport.ca>, lmilrad@passport.ca (Lou Milrad) wrote:

> I have a chance to acquire a set of Motorola UHF MX30OR 12 channel radios
> (Model H44SXU3140AN) which are medium sized units with a black rubberized
> finish. Two problems - firstly, I'm not familiar and never seen nor heard
> anything about these models and secondly, neither has an antenna nor
> battery.
>
> Any input regarding these units would be greatly appreciated as well as
> suggested product numbers for the antenna and battery packs. Both are in
> the lower 440 MHz split.
>
> Thanks in advance.
> --
> Lou Milrad
> lmilrad@passport.ca

lou these are very rare units by most standards..they were typically sold to the us govt agencies ie coast guard, dea etc. they are really mx300-s inside with some minor differences..case parts are limited availabilty and u best have the us mint in your pocket...bad thing was that the rubber rots..especially in the sun.. i have several of them myself and have all the spares (inside) that u might need..lalso have a rare converta com for one..

mike

--
Mike - Raleigh, NC USA

3783. Re: Info Needed-Icom V68 FM Handie Talkie

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: dandroxl@montana.com
Message-ID: <47jhnp$pso@maw.montana.com>
Source record: 210555

In article <DHH5x2.CAx@eclipse.sheridanc.on.ca>, jason goldring
<jason.goldring@sheridanc.on.ca> says:

>Jason.
>
Sounds like a comercial radio, which means generally no VFO,
very fast scanner, better reciever performance than amateur (intermod),
a manual written for idiots, and no amateur only features like "offset".

Comercial gear usually handles duplex (repeaters) by designating a
seperate transmit and recieve frequency in programing. In fact some even
require the transmit and recieve to be programed for simplex. In most
cases, recieve only can be set by programing a recieve frequency and
leaving the transmit blank. Some of the features and programing are going
to be different than the way your used to thinking about them.

Usually what you get is a scanner with a real priority which works in
the scan list, *probably* a better reciever, and heavy duty construction.

If this radio was represented to you as a *amateur* radio, then it
was probably mis-represented. However, I don't think it was as you
report the salesman said it was sutible for comercial use, therefore
implying type acceptance. Amateur gear is usually not type accepted
in the form it is marketed to amateurs. There is nothing unappropitate
about using comercial gear on amateur frequencies, and it sounds like
the salesman gave you a inexpensive alternative (if the price was as good
as you say it was).

If there is a comercial shop in your area that deals with ICOM, they
can help. Most modern comercial gear is programed with software on a PC.
There usually is a way to field program radios of this type that is not
openly advertised, or stated in the manual.

Dave - N7MJW

3784. Re: an HT from Hong Kong?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.198.3289.0N1FCDB1@canrem.com>
Source record: 210556

Jg> Expanded frequency coverage is a compromise. If I want such a
Jg> compromise, I'll buy a cheap Radio Shack scanner. I'd rather not made
Jg> such a compromise with my ham gear.

Exactly! I have a Kenwood 241A. Sure, it gets 118-174 MHZ, but about
65-70% of the repeaters I'm interested in on 2m get wiped out by intermod.
I plan on completely switching over to 440 mhz, as most of the locals in
my area have done.

.. 73, VE3 SHT. 19 years old, and licensed since June 15, 1987!
___ Blue Wave/QWK v2.12

PGP 2.6 public key available upon request!

3785. Re: Help with GE MASTR 440 repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: Eric DeWitt <edewitt@nmia.com>
Message-ID: <47ji07$6co@thales.nmia.com>
Source record: 210557

Look for the line that is labeled Vol/SQ/HI. This should get you good
flat audio from the receiver.

Eric

3786. Mod'd IC-820H freq range?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <47itcf$36r8@lamar.ColoState.EDU>
Source record: 210558

Gary P. Fiber (gfiber@halcyon.com) wrote:
: Carl,
: Post a request for the receiver modification information to ICOM at
: 75540.525@compuserve.com. I'll bet the nice person running the e-mail
: service will be glad to mail the wide RX mod to you. Remember to include a
: mailing address. The modification does involve removing some surface mount
: diodes.
: 73' Gary

What's the frequency range after the mod?
Galen, KF0YJ

3787. Re: 4sale: new 2m mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <47h4t2$hev@alterdial.UU.NET>
Source record: 210621
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,sbay.hams

--

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#=========================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu |
#=============================================================================#
```

3788. Old tube FM power strips

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: mcintosh@paltech.com
Message-ID: <mcintosh.11.309C17F5@paltech.com>
Source record: 210622

Please check your stuff (read junk) boxes.

I'm looking for a moto 41V ac power strip.

Ditto a 30 watt GE ProgLine ac power strip.

Md, DC, No. VA. area.

TIA

Ken, W3PNT

3789. Re: Kenwood TS-850 Receive Antenna Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DHJs17.IvE@eskimo.com>
Source record: 210623

In article <476o1c$f1s@thales.nmia.com>,
discus@caverns.com (Larry Pardue) wrote:
>I have a buddy (N5DM) who has been trying to decide between the 850
>and 870. He would like to get an 850 except for the lack of
>provisions for a separate receive antenna for 160 meter use. I have
>checked all the mod lists for the 850 and have found no mod that would
>allow the use of a separate receive antenna. Has anyone done such a
>mod or has anyone heard of anyone else doing it? You could reply on
>the group, or to me at discus@caverns.com (NU5M) or to Paul Elliott
>(N5DM) at st_pelliott@beta.nmjc.cc.nm.us.
>
>73 Larry (NU5M)
>

I haven't actually made such a mod, but from poking around in that area of my '850, I can see where it'd be pretty easy. The RF comes into the receiver board at a connector marked RAT (receive antenna, I suppose). It's not a standard connector, but a little ingenuity would allow one to add a separate wire out to a separate connector. The board is on the bottom of the unit, and the connector is under the shield at the back of the board. The RAT connector is right next to the back edge of the board, right next to the back side of the cabinet.

Email me if you need more info.

73, Bill W7LZP
wrt@eskimo.com

3790. FREE - Manuals for E-Systems Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: dlr@daver.bungi.com
Message-ID: <DHJs9K.z2@daver.bungi.com>
Source record: 210624
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

I have what appears to be a complete set of manuals for the E-Systems UHF Radio Receiver/Transmitter (RT-1107/WSC-3(v)6, RT-1107/WSC-3(v)7). If you want them, you can have them. If you are local to me (San Jose, California), you can pick them up, or send me postage to mail them to you (about 2kg worth).

Call or email. Only one set available - first come first served!

--
Dave Rand
Internet: dlr@daver.bungi.com

3791. Re: Old tube FM power strips

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <47hbf0$b1h@castle.nando.net>
Source record: 210625

>Please check your stuff (read junk) boxes.
>
>I'm looking for a moto 41V ac power strip.
>
>Ditto a 30 watt GE ProgLine ac power strip.
>
>Md, DC, No. VA. area.
>
>TIA
>
>Ken, W3PNT
>
HI Ken! I know you posted other than NC, but I have a friend here near Raleigh that has just such a creature...just in case you run into a dead end...

73 de Dave WB4IUY

3792. sb220 upgrades ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: bq342@freenet.buffalo.edu
Message-ID: <DHJw1q.LK@freenet.buffalo.edu>
Source record: 210626

i have a sb22o would like to run 17 meters what upgrades can be done?
--

3793. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: evelez@netgate.net
Message-ID: <47hge0$jft@ftp.netgate.net>
Source record: 210627

jmg@tntech.edu (Jeff Gold) wrote:

>Anyone know anything about the new Radio Shack 2 meter mobile
>rigs. They are on sale for $299 now and it sure looked good.
>wonder who really makes it and how it compares to the other
>current 2 meter mobile on the market.
>73

>Jeff, AC4HF

I have the HTX212 myself. This is not a bells and whistles type radio
but one nice feature is true FM rather than phase modulated. The radio
uses Motorola chips and is manufactured by Maxon. 30 memories with any
offset and separate tx and rx PL's. not great on the lockout feature,
can only do 5 lockouts.
Ed Velez / Corsair Communications
Taking the bite out of cellular fraud...

3794. Re: FT301 Group?? We know who we are...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DHK31z.DuC@iglou.com>
Source record: 210628

What is the big deal with these 301's. Kinda big for QRP aren't they?
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

3795. Suggestions on mobile mounting

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: joemoor@ptd.net
Message-ID: <DHK2I4.7CF@postoffice.ptd.net>
Source record: 210629

I'm looking for suggestions on mobile mounting tripods. That is
something I could attach to the SIDE of a transmission hump.
Everything I have seen so far mounts across the hump. Well in a
5-speed civic this is logistically impossible. I only want to mount 1
small radio. Under the dash is not an option.
I remember this type of tripod/mount being available for cel phone
control heads, but haven't seen anything like it lately.

I appreciate any help than can be offered.

73
N2TQL

3796. Motorola Syntor "Anaconda" info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Nov5.094224.11306@grian.cps.altadena.ca.us>
Source record: 210630

I had a hard disk crash and I lost the messages I had filed on
the Anaconda adaptor for the Motorola Syntor mobile.

Would the gentlemen that are working on it please email me
so we can re-establish communications.

Thanks in advance.

Mike WA6ILQ

--

Mike Morris morris@grian.cps.altadena.ca.us
#include <disclaimer.std.h> I have others, but this works the best.
This message assembled from 100% recycled electrons (and pixels).

3797. Re: 4sale: new 2m mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: rwilkins@ccnet.com
Message-ID: <47i7sa$kvn@ccnet2.ccnet.com>
Source record: 210631
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,sbay.hams

Burt Fisher (k1oik@ccsnet.com) trying hard to say less and less, wrote
in <47h4t2$hev@alterdial.UU.NET>:

: --

: #================#==#
: | Burt Fisher | Teacher of video, broadcasting and electronics |
: | Amateur call | South Dennis, Ma. (Cape Cod) |
: | K1OIK | The less you say, the more people will remember |
: #================#==#
: | k1oik@ccsnet.com fisher@meol.mass.edu |
: #===#

Hey burt what did you want? a 4WD mobile or were you just kerchunking...

3798. Re: OMNI VI Problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <16972.815550513@safety.ics.uci.edu>
Source record: 210632

In rec.radio.amateur.equipment you write:

>speeds (30 wpm) is really no fun, for I have a "blobbing" which makes
>it impossible to hear through. It is even impossible to hear the
>sidetone. If I change the passband tuning the blobbing gets less loud,

Now, what is this "blobbing"? I got on the SS contest with lots of strong signals, and set the keyer to well over 35 wpm, and I DO notice some rushing with the AGC trying to catch up between transmissions during QSK. It sounds like the attack time needs adjustment. It is an intermittent "popping" maybe, while the strong signal is present in the passband of the receiver while I am transmitting. I just fiddled with some AGC components anyway, and will now probably do some more.

>but then ... Beside that the klicking of the relais is in my ears
>very loud. I was told, that this is a problem of bad construction,

I don't understand. The Reed relay is loud enough to bother you? It bothers me, too, but not enough to ruin my day. I am going to either get a quieter relay, or suspend the relay on some softer wire and encase it in silicone cement (ammonia based, not acid based), or both. I suspect I can make it very quiet. Then, there is the possibility of building an electronic t/r board to slide in there, there is room.

>There were discussions about replacing some resistors to get a
>less 2. IP products. I wrote to Ten-Tec and they said that they have
>some modifications but forgot to send details. Is there somebody out there
>to post these mods ?

Oh, yes, on models built before last year sometime, you can do that. I don't know the details, you will need to drop a note to Ten Tec about it, they will write back, I am sure. Make sure you let them know you need that info again.... You can also use PIN diodes in the bandpass filter circuits per the QST articles on receiver design. Probably you ought to do both (unless your unit already uses relays in the BPF board, which some European units do, much better than any diode switches!).

Clark
WA3JPG

3799. Value of donated equipment?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: eae@netcom.com
Message-ID: <eaeDHJzKL.K5w@netcom.com>
Source record: 210633

From: eae@netcom.com (EalesOnWheels)
Subject: Value of donated equipment?
Message-ID: <eaeDHJzKL.K5w@netcom.com>
Organization: NETCOM On-line Communication Services (408 261-4700 guest)
Date: Sun, 5 Nov 1995 04:38:44 GMT

This is not an advertisment - more an appeal for help with some donated equipment. At a school fundraiser garage sale we had a receiver and transmittter donated with the proviso that we ask $100 each for them.

They are Yaesumusen models FR-100B and FR-200B.

Could anyone advise us on what it is exactly we have, what might be it's resale value and whether the equipment (given that it is in working order) might be of interest to a radio hobbiest at any price.

Our options are 1> To return them and say no thank you

2> To negotiate a different "hold" price with the owner

3> To offer them in a different forum than a community garage sale

Any advice or comments would be most welcome - especially at my e-mail address eae@netcom.com

Thanks in advance

Eric

--
* -- *
| Eric Eales * "One only understands the things that one tames," |
| eae@netcom.com * said the fox...."If you want a friend, tame me." |
| * The Little Prince : Antoine de Saint Exupery |
* -- *

3800. Re: Need Help On FT-5100 Yaesu

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <47hof9$bkq@ixnews6.ix.netcom.com>
Source record: 210634

In <47glqf$opk@newsbf02.news.aol.com> mcb07@aol.com (MCB 07) writes:
>
>I have lost my manual for my radio and have inadvertently turned on
the
>beep function. I would appreciate it greatly if some could let me
know
>the combination of buttons to turn this off.
>
> thanks,
> RS
YAESU FT-5100 Beep ON/OFF

Here is what you do to turn the Beep ON/OFF.

- Press the [F] then [TONE] button, then press the [F] again to turn
the beep on/off.
- Press the [TONE] button again to save settings.

73's

Kevin

3801. Re: 4sale: new 2m mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <47ijbu$oef@alterdial.UU.NET>
Source record: 210635
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,sbay.hams

rwilkins@ccnet.com (Bob Wilkins n6fri) wrote:

>Hey burt what did you want? a 4WD mobile or were you just kerchunking...

I know Travis (the poster of the forsale) from days when he thought he was
a big deal because he was a puppet ham (loved by the old men). I could
not think of anything nice to say to him so I said nothing.

```
#================#=======================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#=======================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu |
#=========================================================================#
```

3802. Help with GE MASTR 440 repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: 758-5382@mcimail.com
Message-ID: <47iof6$45i@blackice.winternet.com>
Source record: 210636

My friend Tom N0QNY recently bought a Ge master II 440 repeater. The problem is that he has been unsuccessful in tying in a controller or an IDer.
We know we must tie in the inputs before the Pl circuit but cant figure out where.
Please drop us a note if you know anything these repeaters. We would love to put this unit into service ASAP.

TNX de N0ZXG

3803. Any Icom IC25A Mods out there??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: jsollows@direct.ca
Message-ID: <47iqvv$8cg@grid.Direct.CA>
Source record: 210637

Does anyone know if there are any mods available for the IC25A. I've checked the most popular "mods" archives on the net without any luck. I am particularly interrested in an extended receive mode for this radio. Replies via e-mail would be appreciated. Thanks.

Jim VE7JLS

3804. Re: looking for mods...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: "Jeff Fischer"@thefishnet.com
Message-ID: <8B46233.0074000B7F.uuout@thefishnet.com>
Source record: 210638

```
-> I am looking for the MARS Modification for the Alinco Dj-580..
-> please don't reply if you r going to tell me to cut the red wire...
-> that is not what i want...

Cut the blue wire then.
```

3805. Standard C508a mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: taucom@kaiwan.com
Message-ID: <47is09$lk0@kaiwan.kaiwan.com>
Source record: 210639

I have one copy of the Standard C508A micro dual band HT mods.

I'm looking for any other mods info to verify and compare.

Thanx for any info!

Manny

****
Manny Tau WH6OQ
taucom@kaiwan.com
CI$: 73617,1731
RC Online Soaring Columnist
****

3806. Re: DSP for Powerline Noise?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: Terry Dobler KJ7F <kj7f@micron.net>
Message-ID: <47io4m$prg@mis02.micron.net>
Source record: 210640

charles.plunk@vdim.com (Charles Plunk) wrote:
>
> Hello All,
> I am looking for information from anyone who has had experiences
> with the use of DSP filters for 2 meter FM and 2 Meter FM Packet to filter
> power line noise coming from power lines exterior to my house.

Charles,

I doubt that a DSP filter will be of much help. You really
need to go after the noise at its source, Just calling the
power company probably won't get much of a response either. What
I suggest is that you get a copy of the "Interference Handbook" by
William Nelson, WA6FQG. He describes what causes various types
of electrical noise and how to locate them. I have suffered from
electrical noise and know how you feel. I am active on moonbounce
where even a small noise can mean no contact is possible. Once
I have located the pole the noise is coming from I have had success
in getting the power company to come out and fix the problem. For
what its worth most of the noise sources I have located come from
neon signs on business where I've had little luck in getting
cooperation. One finally got fixed only because the sign quit
completely and they had to get it fixed. I lucked out and happened
to drive by while it was being fixed. So I stopped and talked to
the repair man. He did not believe me that the sign could cause
interference to someone over a mile away until I told him the exact
hours the sign was on! Good Luck!

Terry KJ7F

3807. Need Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: trantth@cs.concordia.ca
Message-ID: <47j26k$q8o@newsflash.concordia.ca>
Source record: 210641

Hello all
Question: Does anybody know where I can get an airspeed/RPM/G-Force down
linked from my model airplan ..Please email me at
trantth@cs.concordia.ca
Thanks in advance

3808. Blind hams and radioshack

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.186.3289.0N1FCCD4@canrem.com>
Source record: 210642

```
-----BEGIN PGP SIGNED MESSAGE-----

Have any blind hams out there used or tried to use the Radioshack ham
equipment?
I'm thinking about buying one of these radios, specifically the HTX404,
and would hate to end up with something extremely hard to use.

Thanks,
Chris. ve3 sht
chris.smart@canrem.com, ->crs, 1:229/15

-----BEGIN PGP SIGNATURE-----
Version: 2.6

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OP1+TpN3crg=
=+Z/P
-----END PGP SIGNATURE-----

PGP 2.6 public key available upon request!
```

3809. wanted: service manual Yaesu 757gx

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: frank paxton iii <paxton@sound.net>
Message-ID: <47j6qb$ane@guitar.sound.net>
Source record: 210643

i need either a used service manual, or a xerox of one. will pay
necessary expense. please help. thanks. e-mail direct paxton@sound.net.
de ng0n. sk

3810. Eldico SSB 1000F linear amplifier from the 1960s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: "John T. Young" <jtyoung@u.washington.edu>
Message-ID: <Pine.PTX.3.91j.951105124246.28145A@carson.u.washington.edu>
Source record: 210644

Anyone out there have one of these vintage amps? I'm having some unique problems with mine and would like to share notes. 73 de John, KI7JB.

3811. Re: DSP for Powerline Noise?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DHL8D2.H0C@eskimo.com>
Source record: 210645

In article <9510300654032315@vdim.com>,
charles.plunk@vdim.com (Charles Plunk) wrote:
>Hello All,
> I am looking for information from anyone who has had experiences
>with the use of DSP filters for 2 meter FM and 2 Meter FM Packet to filter
>power line noise coming from power lines exterior to my house. I have
>been through the process of trying to get the power company to help, and
>after much persistence,gave up on this route. At times the noise is bad
>enough to make 3/4 scale voice unpleasant to copy and packet unprintable,
>but when the noise ceases (usually late at night and during a rain)
>voice is clear and weak packets are printed. Any recommendations on brands
>and models used would be appreciated. Thanks 73 de Chuck WD4OZN.
>
>E mail ----- charles.plunk@vdim.com

I've used two DSPs here, an NIR-10 and a DSP59+, and they are not nearly as effective as a good noise blanker built into the radio. Unfortunately, few FM rigs have a noise blanker, because the nature of the demodulator is to reject noise anyway, so the manufacturers feel one isn't necessary. Most of the time that's true, but not always, as you know.

My suggestion would be to not give up on the power company. They tend to move glacially, but with enough prodding, they will move. A few years ago I had a problem with a neon sign several blocks away causing terrible QRN here. The owner stonewalled all my requests to fix it until the FCC wrote him a letter stating that that kind of interference to a licensed amateur radio station was illegal. Fixo pronto! The same policy applies to the power company. Keep after 'em!!

73, Bill W7LZP
wrt@eskimo.com

3812. Need Info: ICOM IC-W31a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: Keith@unix.asb.com
Message-ID: <Keith.530.0011CA0E@unix.asb.com>
Source record: 210646

```
Iam interested in the ICOM IC-31a HT, I checked it out at a local
HamFest, and was impressed with the UHF Reciever , especially
out of band ( 478MHZ )

Are there any MODs Yet for this Radio, ( TX on Extended UHF)
```

Thanks,
Keith
|===|
| • Keith@unix.asb.com == SLIP/PPP Internet Address • |
| • Keith.Knipschild@asb.com == BBS Internet Address • |
| • Http://www.asb.com/usr/keith == My WWW Page URL Address • |
| • N2NJS@KC2FD.NY.USA.NA == Ham Radio AX25 Packet Address • |
| • 70302,2701 == CompuServe Address • |
| • K.Knipschild == GENIE Address • |
|=== |
^^

3813. wanted: handheld scanner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: machtool@ix.netcom.com
Message-ID: <47ios2$mpn@ixnews7.ix.netcom.com>
Source record: 210647

wanted hand held scanner non cell restricted

will trade nice hp portable scope or other test equipment

3814. 2-meter handi-talkie want

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.8879.7583.0NFBB758@woodybbs.com>
Source record: 210648

Subject: 2-meter handi-talkie wanted

>>I'm looking for a good used 2M HT at a good price. Just a straight
>>forward HT that works perfectly, bells & whistles okay but not as
>>important as price.

How about these features...for less than $200. bucks:

-12 independently-programmable memory channels, plus one calling and
three priority channels.
-CTCSS encode and decode.
-5 watts minimum (7w typical) @ 12VDC
-3 watts @ 9 VDC or 2 watts @ 7.5 VDC.
-Low power setting for 1-watt output
-Power saver circuitry
-Memories store any offset, and any combination of CTCSS tones.
-True FM modulation (not phase modulation) for outstanding
transmit audio and best performance in packet service.
-In addition to DTMF dialing, there is 5-digit DTMF selective
paging (DTMF squelch).
-A five-number memory dialer that stores 15-digit sequences
for autopatch use or DTMF paging.
-Scan for either active -- or vacant -- channels, with
programmable scanning step of 5, 10, 20, 25, 50 or 100 KHz,
and upper and lower scan limits (for VFO scan.)
-FAST, 25 channels/second scanning.
-Selectable priority channel scan interval, every 4, 8, 12 or
16 seconds.
-Multi-function scanning lets you scan standard memories,
priority freq. memories, or a frequency range. Resume can be
after 10 seconds, when carrier drops, or remain on channel
(don't resume.)

And it's new - with a 1-year parts/labor warranty! Buy yourself a
Radio Shack HTX-202!

Clint Bradford
---
* TLX v4.00 * Thesaurus: ancient reptile with an excellent vocabulary.

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

3815. Opinions on new Radio Sha

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.8880.7583.0NFBB759@woodybbs.com>
Source record: 210649

Subject: Opinions on new Radio Shack 2M mobile rig?

>>Any reports -- product reviews or just personal opinions -- on the
>>Radio Shack 2M mobile rig?

Radio Shack's HTX-212 Mobile Transceiver...
True FM transmit for superior audio and excellent performance on packet
30 memory channels
Priority channel selection
One call channel
Store up to six 15-number touch-tone sequences for DTMF paging or auto-patch
Microphone, external speaker and antenna jacks
On-microphone DTMF keypad
Multifunction scanning
Dual VFOs for semi-duplex operation
Frequency step selectable
Built-in subaudible tone encoder and decoder
Output power 45 watts(high) 10 watts (low)
Normally $349.99

ON SALE THIS MONTH!!! $299.00!

Frequency range (Factory)
Transmit.....144.600-148.000 MHz
Receive.....136.000-174.000 MHz

Can be modified to transmit in the MARS/CAP band. (Directions included)

I've heard no serious complaints. Seems to be yet another solid
performer.

Clint Bradford
---
* TLX v4.00 * The worst thing about censorship is ########

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

3816. KNWD 850 MODS ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: beretta1@ix.netcom.com
Message-ID: <47iqqq$qij@ixnews4.ix.netcom.com>
Source record: 210650

Anyone know of mods for 850 kenwood?
Especially interested in opening up txmt on MARS freqs...
tnx

pls reply to Beretta1@ix.netcom.com

Larry - WD9HCR

3817. Popular Communications?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.189.3289.0N1FCD57@canrem.com>
Source record: 210651

```
-----BEGIN PGP SIGNED MESSAGE-----

Hi. I heard somewhere recently that Popular Communications Magazine could
be obtained in an alternate format, namely on computer disk.
Can anybody confirm or deny this info? Is anybody currently receiving
this magazine on disk, and if so, how much is the subscription per year?

Thanks,
Chris.
chris.smart@canrem.com, ->crs, or 1:229/15

.. 73, VE3 SHT. 19 years old, and licensed since June 15, 1987!
___ Blue Wave/QWK v2.12

-----BEGIN PGP SIGNATURE-----
Version: 2.6

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-----END PGP SIGNATURE-----

PGP 2.6 public key available upon request!
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3818. FS Sony SW55 $260 $355

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-05 00:00:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.190.3289.0N1FCD58@canrem.com>
Source record: 210652

```
-----BEGIN PGP SIGNED MESSAGE-----

Subject says it all; please reply here or send mail to
Chris.smart@canrem.com, ->crs, or 1:229/15
Phone (voice): (519) 756-9389
I will also trade this radio for a 2010 in good shape.

.. 73, VE3 SHT. 19 years old, and licensed since June 15, 1987!
___ Blue Wave/QWK v2.12

-----BEGIN PGP SIGNATURE-----
Version: 2.6

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T0ecPzfeK1o=
=99ZS
-----END PGP SIGNATURE-----

PGP 2.6 public key available upon request!
```

3819. Icom 706 - modified advertising!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9511060005.AA12053@aragorn>
Source record: 210559

Gary,

Icom, like any other high volume manufacting output, tries, to
have more coomon parts to fit a variety of products to drive its
costs down.

The IC-706 does not utilize the 3GHZ frequency in its implementation
to operate its IC-706, but was proguced to put in 800-950Mhz cellular
phones, 2100 -2400 Mhz Celluar phones.

Just as computer manufuctuers need to drive cost down, the consumer
product maket is price sensitive. It does not make the IC-706 really
outperform, it allow Icom to drive their price down toward competitors,
What you see is the Celluar technology, thinking, being pushed in Icom
products, I have now seen an Icom Celluar phone, but I bet an Icom-706,
that this is the market Icom has targeted, hence the outcome flows into
some of its communication products for the ham band.

The PA predriver is used for HF, 6meters, and 2meters, while the Output
section is switched in for 160 - 6 meter operation.

There that use of fewer parts to build a radio. Thats how Icom can do it.
The celluar market is a 500 million plus dollar industry per year. I think
this is why Icom has invested in getting coomon modules, IC's etc in its
products.

Hopefully, you can see the logic here.

As a result, hams with their big boat achor of HF radio's are taking a
double take when they see the very small size of the IC-706. Next time
you see someone using a celluar phone, you can thank them for paying the NRE
(non-recuuring engineering). If it was just the ham market there, you would
be paying at least $3000 - $4000 dollars instead of $1250 for the IC-706.

As you said , Pretty slick rig!!

Have fun with your Icom IC-706, I really like mine!!

73
Mike

3820. IC 2350 mods wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: Larry Smith <Larry@g4oxy.demon.co.uk>
Message-ID: <478529799wnr@g4oxy.demon.co.uk>
Source record: 210560

I have recently purchased a IC 2350A Can any one supply mods to expand
coverage etc As a minimum I need it to cover the UK 70cm band 430-440
73--
Larry Smith G4OXY

3821. WTB: Kantronics UTU-XT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: timcook@erinet.com
Message-ID: <47jnu7$qmc@eri.erinet.com>
Source record: 210561

Had one of these units years ago, and would like another to play with. If you have one of these old units laying around please email me. Thanks
Tim NZ8J timcook@erinet.com

3822. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov6.003039.18649@ke4zv.atl.ga.us>
Source record: 210562

In article <47g213$g8c@news.halcyon.com> "Gary P. Fiber" <gfiber@halcyon.com> writes:
>The adjustment for 4 bit data is for connecting the 706 to a 735 using one
>for the receiver and the other for the transmitter, and allowing them to
>track each other. It is called transceive mode in the CI-V world of
>things. One might try setting the 706 to the 4 bit data and see if a 735
>control program will work. But there are many fine programs that also
>cover other models along with the 735.

I believe you mean *byte* not *bit* above, but I follow what you are
saying.

>The service manual figures to be available some time after January, 1996.
>Leaving out the print is a cost cutting measure, also aloows for putting in
>all efforts to service manuals. If you take $ 0.50 per print and multiply
>that by 20,000 radios it gets to be a fairly pricy sum of money. Money
>that is better spent for service manuals. Far better than not printing
>service manuals at all.

I don't find this argument compelling. Certainly $0.50 difference for
a $1299.00 radio is not significant. I don't think many hams would
complain if the price were $1299.50 instead. I think *any* amateur
radio sold should be expected to include a schematic, if for no other
reason than an educational one.

>In todays radios it is pretty hard to identify and find one's way around
>with out some sort of circuit board layout. The layouts will be in the
>service manual.

Now this is true, and including board layouts, component lists, etc,
in the owner's manual might be excessive. After all, we know the reality
is that most amateurs won't go inside their radios anyway. Industry
practice is to unbundle the service manual from the radio and I accept
this. But $49.95 is a hunk of change. I'm sure you aren't losing any
money here such that you need that $.50 savings in the owner's manual
to keep Icom from bankruptcy.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3823. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov6.003410.18726@ke4zv.atl.ga.us>
Source record: 210563

In article <47g26n$g8c@news.halcyon.com> "Gary P. Fiber" <gfiber@halcyon.com> writes:
>
>Did you know the IC-706 uses ONE pair of final transistors for 160 through
>2 meters transmit ? Also how about the I-LOOP, one PLL that can cover 10
>Hz to 3000 GHz. pretty slick rig.

We *would* know that if you shipped a schematic, or even a block
diagram, with the radio. I going to keep nagging about this. I
think its a bad habit for manufacturers of *amateur* radios to
get into, and hope we can nip it in the bud.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3824. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov6.003958.18809@ke4zv.atl.ga.us>
Source record: 210564

In article <1995Nov4.163905.16063@atlas.tntech.edu> jmg@tntech.edu (Jeff Gold) writes:
>Anyone know anything about the new Radio Shack 2 meter mobile
>rigs. They are on sale for $299 now and it sure looked good.
>wonder who really makes it and how it compares to the other
>current 2 meter mobile on the market.

Unlike their HTs, this radio *will* go out of band, but unfortunately
you can't *store* out of band frequencies in the memories. It also
shows some intermod, not as bad as some radios, but it's not as clean
in this regard as their HTs. I believe it's built by Maxon, like their
HTs, but don't know this as a fact.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3825. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov6.005016.18972@ke4zv.atl.ga.us>
Source record: 210565

In article <47hcb3$1g5@newsbf02.news.aol.com> k5qq@aol.com (K5QQ) writes:
>I find my 706 works very well everywhere but I notice that if you are not
>in a HAM band, the preamplifer does funny things. It seems to distort the
>signals.
>
>Try this experiment on 2 meters. With the preamplifer off, Tune the band
>with the squelch off and tune past a band edge. No significant change
>will be noted. Now do the same thing with the preamplifer on and notice
>what happens as you tune the band edge. The radio beeps as you cross the
>band edge and the noise become incredible.
>
>However the preamplifer works like a champ on any ham band particularly on
>6 meters and on 2 meters.
>
>So, it appears to me it is somehow programmed and out of band has
>something else put into the circuit.

I was told about a mod today that supposedly fixes the sensitivity
problem on the IC-706 above 148 MHz. Those of you who already know
about the out of band transmit mod may have noticed a connector
immediately to the right of the diode you removed. The fourth wire
from one end of that connector is a yellow wire. If you remove that
wire from the connector (just extract the pin and tape it off in the
harness), I'm told that the receiving sensitivity problem goes
away. I HAVEN'T TRIED THIS ON MINE YET, PROCEED AT YOUR OWN RISK!

>I love my 706 - it's a neat radio with the only drawback on programming 2
>meter repeaters. It wants to act like a HF radio with the memory
>management.

Yeah, it doesn't understand the shift conventions for the various
2 meter repeater segments. When you hit duplex, it only does the
one shift you have programmed in the initial set menu, either a
minus offset or a positive offset. It doesn't know we use negative
offsets below 147 and positive offsets above. Aggravating.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3826. Re: FT301 Group?? We know who we are...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: jlbarber@wolfenet.com
Message-ID: <47kg7s$4e2@news1.wolfe.net>
Source record: 210566

In article <DHK31z.DuC@iglou.com>, n4lq@iglou2.iglou.comï¿½ says...
>
>What is the big deal with these 301's. Kinda big for QRP aren't they?
>--
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

Boy am I hurt.. ;)

My 301D has the brick-on-the-back anyway, so doesn't qualify.
I use it for HF digital, because the brick has an *enormous*
heatsink, and doesn't overheat when I get windy. Which is often.
Or so I am told.. :)

Jim Barber, N7CXI

3827. Re: encouraging young Hams (was: 4sale: new 2m mobile)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: ikluft@thunder.sbay.org
Message-ID: <DHM6AK.ILJ@thunder.sbay.org>
Source record: 210567
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,sbay.hams

[Followups trimmed down to rec.radio.amateur.misc and sbay.hams.]

Burt Fisher <k1oik@ccsnet.com> writes:
>rwilkins@ccnet.com (Bob Wilkins n6fri) wrote:
>>Hey burt what did you want? a 4WD mobile or were you just kerchunking...
>
>I know Travis (the poster of the forsale) from days when he thought he was
>a big deal because he was a puppet ham (loved by the old men). I could
>not think of anything nice to say to him so I said nothing.

Sounds like kerchunking to me. ;-)

There's a rule of netiquette that follows a generally good idea, "praise in public, criticize in private." Something like that could have been sent by e-mail instead.

So, in the interest of restoring a good example for the readership, I would suggest a change of wording from "loved by the old men" to "appreciated by the clubs he's done a lot of work for," speaking as a member of one of those clubs.

In general, in any club I've seen that's worth being a member of... when young or new members show initiative and interest, at least some members encourage them. It's interesting that it could look to an observer like being a "puppet". In Travis' case, when he was a teen he became an active member and got lots of encouragement. It seems that it must have done well since he's finishing up a successful one-year term as president of the West Valley Amateur Radio Association, a 200-member club here in Silicon Valley. (That position is more work than title.) And we have a new bunch of young members that I think the club is doing a good job of helping. (As I was writing this, I just heard on the club repeater that one of them, a 14-year-old Extra, just got his 50th state for his Worked All States award. I think I hear a QST article in the works...)

After I realized how much of a boost I got from the people who encouraged me when I was a teen, I've been convinced that there are big long-term benefits to encouraging teens when they show interest in a technical hobby, whether that be radio, computers, etc. In general I think Hams tend to do pretty well about encouraging the new and/or young Hams but there's also plenty of room for improvement. Everyone should do their part, even if you don't have time to do more than just act friendly to them. That helps too.
--
Ian Kluft KO6YQ PP-ASEL ikluft@thunder.sbay.org San Jose, CA
sbay.org coordinator http://www.kluft.com/~ikluft/
If I don't identify an aircraft while aboard it, can I report a UFO sighting?

3828. Re: wanted: service manual Yaesu 757gx

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <47kab9$k40@ixnews5.ix.netcom.com>
Source record: 210568

In <47j6qb$ane@guitar.sound.net> frank paxton iii <paxton@sound.net>
writes:
>
>i need either a used service manual, or a xerox of one. will pay
>necessary expense. please help. thanks. e-mail direct
paxton@sound.net.
>de ng0n. sk
FYI

If you can't find a used 757 manual. Yaesu USA has new ones in stock.

73's

Kevin

3829. ICOM W31A Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: dsc@ix.netcom.com
Message-ID: <47kaba$irl@ixnews7.ix.netcom.com>
Source record: 210569

I recently purchased an ICOM W31A handheld. I was wondering if
anyone had information on any available mods for this radio. I could
use the keypad sequence that opens up the receiver most of all.

Thanks in advance.
David Cunningham KD6GGN
dsc@ix.netcom.com

3830. Question: How to modify VHF-UHF Alinco DR-599E...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: rogue@chiara.dei.unipd.it
Message-ID: <47kgp5$917@maya.dei.unipd.it>
Source record: 210570
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Hallo everybody,
Is there anybody who knows how to modify a Alinco DR-599E VHF-UHF transceiver (it's the European version of the Alinco DR-599T) to enlarge the RX range to the air bands and the civil bands in VHF and in UHF and to the 900 MHZ band?
Thank you, and, please, send the answer via mail because I cannot check the newsgroups so often:)

byebye Andrea
--
Andrea D'Andrea (rogue)
Internet E-Mail: rogue@[maya][paola][chiara].dei.unipd.it
Snail Mail: Cannaregio 49, 30121 Venezia - ITALIA
Tel: (041) 71.61.61

3831. Micor low split front end needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: leon@gate.net
Message-ID: <47ktha$2oii@news.gate.net>
Source record: 210571

We have a complete Micor 100W base station. The transmitter tuned up fine
but it seems we have a high-split receiver and can not get the receiver
totune down to our frequency 144.51 mHz. Our Mastr-PRO is failing left
and right and since this repeater is the closest to beingready for
prime-time if anyone knows where we can get a low-split front-end OR how
we can modify the existing one for good sensitivity at the low end of 2m
please email me at leon@gate.net

We also has a MASTR-II repeater, which I would prefer to use, but it is
not converted over and I dont want to wait for xtals to come in at this time.

Any ideas welcome.

73 leon wa4zlw

3832. BENCHER VS KENT...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: l38217@alfa.ist.utl.pt
Message-ID: <47l58c$7tq@ci.ist.utl.pt>
Source record: 210572

Hi
On the last Ham feast I've been to , I've experimented
the Kent Morse Key (the double paddle horizontal) and I loved it.
Nevertheless I still remember when (long before) I tried the Bencher
Paddle and I loved it too. Now my problem is to know wich one is
better than the other (if they are not equivelent) because I still
don't have any of them but I want to buy one I just feel a bit
confused about wich one to choose. The Bencher seemed more light
and sensible, but the Kent doesn't look so fragile and is much
cheaper.
If any one has ever had both (or have both) I would like to know
more about each one's advantages and disadvantages to help me choose!

thank you
Best 73's from
--

Pedro Pedroso	
l38217@alfa.ist.utl.pt	CT1ELP
Eng. Electrotecnica e Comp.	Founder member of GPDX
(Telecomunicacoes e electronica)

3833. Re: BENCHER VS KENT (CW paddles)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <47l3sv$7ql@omnifest.uwm.edu>
Source record: 210573

73 magazine in its December 1992 issue ran an article by John L. Rehak N6HI titled "Iambic Keyer Paddles: A wide array of choices".

I like my Jones Keyer paddle-- it was the only one heavy enough not to dance around my desktop. If you subscribe to the British ham magazine "Practical Wireless", you can get them at a discount from the maufacturer in England.

73,

Rick WB9GYT

PS - You can get info on "Practical Wireless" from: rob@pwpub.demon.co.uk

3834. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: murso@fnalv1.fnal.gov
Message-ID: <47l3vl$qkt@fnnews.fnal.gov>
Source record: 210574
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <1995Nov4.164003.16064@atlas.tntech.edu>, jmg@tntech.edu (Jeff Gold) writes:
>Anyone know anything about the new Radio Shack 2 meter mobile
>rigs. They are on sale for $299 now and it sure looked good.
>wonder who really makes it and how it compares to the other
>current 2 meter mobile on the market.
>73
>
>Jeff, AC4HF

Jeff,
I have had an HTX-212 almost since they came out. It has a few quirks
that are just slightly annoying (You can't save out of band freq - like the
weather broadcasts in memory.) I have had no problem and it is very easy to
set up a repeater freq into memory. Even the odd splits (my home repeater has
a 1.08M split) are not a problem. It does CTCSS both directions out of the box
(Read no add-on board). It has good audio and a 30 memory selection is plenty
for me. You do have to "OPEN UP" the transmit and receive (it is still in band
however) to use many of the repeater that use a lower than RS allowed transmit.
I talked to customer service and their response was that it was intentional and
done to go along with a "gentlemens aggreement" on bandplan. The 10 watt low
is a little higher power than I would like and the 45 high power is fine. The
Squelch is a little wierd in the setting. 50% - 12 o'clock is just S1 on my
radio. It is very hard to squelch out a moderate signal.
All in all I would buy another for my wife, but I want to wait for the
rumored "dual-band" mobile (and give my wife the 2m unit!)
Mike KB9KFE

3835. IC-706 Touch Tone and Remote control mic

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: howardsh@postoffice.ptd.net
Message-ID: <howardsh-0611950915070001@cs1-03.con.ptd.net>
Source record: 210575

Dose anyone know if there is a current model Icom hand mic that will work with the IC-706 that has Touch Tones and any for of remote control functions for the radio. I tried the mic from my IC-2700 and it dose not function in any way. It would be nice if Icom looked at the TS-50 mic and offered a unit with configurable buttons and TT.
73 Howard AE3T howardsh@postoffice.ptd.net

3836. Re: FREE - Manuals for E-Sys

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: dgra@qmgate.ECi-esyst.COM
Message-ID: <n1396471625.51156@qmgate>
Source record: 210576

We have all the manuals we need thank you. If you like, you can have a radio. We'll send it postage due. It only weighs 150 pounds!

Dana Rodakis, AJ1R
St. Petersburg, Florida

3837. Re: Drake R4A crystal help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: murso@fnalv1.fnal.gov
Message-ID: <47l9ku$d45@fnnews.fnal.gov>
Source record: 210577
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <47l7q8$1b00@fidoii.cc.lehigh.edu>, lusgr@chili.CC.Lehigh.EDU (Stephen G. Roseman) writes:
>I'm a brand new Tech-plus - got my callsign Saturday. My dipoles are strung
>(and waiting on feedline...) I've got my "brand new" Drake twins, a TX-4 and
>a R-4A. I'd like to do some HF phone along with CW. Oops - their 10M band
>starts at 28.5 Mhz, above the Novice band.
>
>So, I need a crystal, and have a few questions.
>
>1. Anyone have suggestions for a good source of a crystal or two?
>>
>Thanks,
>Steve, N3WHW
>
>---
>Steve Roseman
>Lehigh University Computing Center
>lusgr@chili.CC.Lehigh.Edu
Steve,
I recently re-crystalled an FT-101 (put 10m back in it) with crystals I purchased from JAN CRYSTALS in Florida. They came very quickly in the mail and I believe they were about $18.00 each. Nice and friendly company to do business with.
Mike KB9KFE

3838. looking for price info of PRO-2002

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: Walter <anon.freeminds@match.com>
Message-ID: <47l9qk$lrh@fstgal00.tu-graz.ac.at>
Source record: 210578

Anyone can recomment a shop where a used or new PRO 2002 can
be bought?
(Best location is US or singapore)
tks
walter

3839. Re: Help with GE MASTR 440 repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: 758-5382@mcimail.com
Message-ID: <47l9nm$slh@blackice.winternet.com>
Source record: 210579

In article <47iof6$45i@blackice.winternet.com>, 758-5382@mcimail.com (Mike) says:
>
>My friend Tom N0QNY recently bought a Ge master II 440 repeater. The problem is that he has been unsuccessful in tying in a controller or an IDer.
>We know we must tie in the inputs before the Pl circuit but cant figure out where.
>Please drop us a note if you know anything these repeaters. We would love to put this unit into service ASAP.
>
>TNX de N0ZXG

3840. which good shop in Singapore for Radio equ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: Walter <anon.freeminds@match.com>
Message-ID: <47l9sl$lrh@fstgal00.tu-graz.ac.at>
Source record: 210580

Can anyone recomand a subsidery of AOR or other radio equ shop
located in Singapore?
Pls email address info back asap
Tks
Walter

3841. Battery cycler - SAR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: las5s@kelvin.seas.Virginia.EDU
Message-ID: <DHMnFq.LGx@murdoch.acc.Virginia.EDU>
Source record: 210581

I am looking for a battery cycler/conditioner for IC H-16
hh radio batteries. I understand that they can significantly
extend battery life by cycling them down, recharging, and then
trickle charging automatically.

If you have any information on brands and/or companies
that sell them, I would appreciate it. My e-mail is:
lauren@virginia.edu

Thanks,

Lauren
Blue Ridge Mtn. Rescue Group
KB8WLD
--

3842. Re: RS HTX-202 questions (intermod, batts)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: khowell@uswest.com
Message-ID: <47ldak$81@sanews.uswc.uswest.com>
Source record: 210582

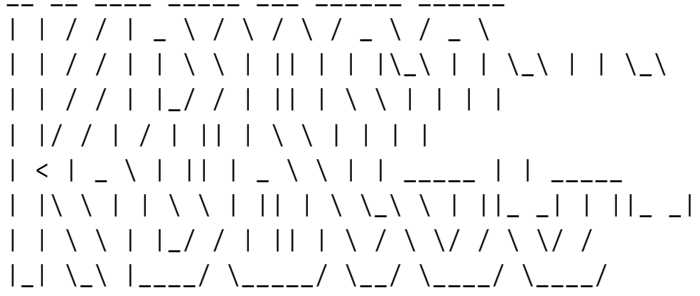
in an article sent by dgf@netcom.com (David Feldman),
>1. Does the HTX-202 have good intermod rejection (like my old IC-2AT)? I
>don't need out-of-band RX, I _DO_ need decent intermod performance.

>2. Does the HTX-202 accept "classic" ICOM battery packs (I have BP-3,
>BP-7, BC-35 charger, etc., and I'd like to be able to share accessories).

1. The HTX-202 has probably the best intermod rejection of any 2 meter ht around,
as told by several other 202 owners

2. The only other icom pack that the 202 will accecpt is the BP-8, from what I
have read, it shouldn't be charged with the BC-35 drop in charger while the
battery is attached to the radio, if I remember right it affected the diodes
at the bottom of the radio, but I'm not sure

Kevin L. Howell



WHEN I DIE, I WANT GO PEACEFULLY, IN MY SLEEP, LIKE MY GRANDFATHER---
NOT SCREAMING, LIKE THE PASSENGERS IN HIS CAR!!!

3843. IC-706 Mod Deaf as a post fix for VHF !!!!! WOW!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9511061641.AA12283@aragorn>
Source record: 210583

Date: Mon, 6 Nov 1995 00:50:16 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Icom 706 - modified advertising! Check web site!

In article <47hcb3$1g5@newsbf02.news.aol.com> k5qq@aol.com (K5QQ) writes:
>I find my 706 works very well everywhere but I notice that if you are not
>in a HAM band, the preamplifer does funny things. It seems to distort the
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>
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>with the squelch off and tune past a band edge. No significant change
>will be noted. Now do the same thing with the preamplifer on and notice
>what happens as you tune the band edge. The radio beeps as you cross the
>band edge and the noise become incredible.
>
>However the preamplifer works like a champ on any ham band particularly on
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>
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>something else put into the circuit.

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about the out of band transmit mod may have noticed a connector
immediately to the right of the diode you removed. The fourth wire
from one end of that connector is a yellow wire. If you remove that
wire from the connector (just extract the pin and tape it off in the
harness), I'm told that the receiving sensitivity problem goes
away. I HAVEN'T TRIED THIS ON MINE YET, PROCEED AT YOUR OWN RISK!

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>meter repeaters. It wants to act like a HF radio with the memory
>management.

Yeah, it doesn't understand the shift conventions for the various
2 meter repeater segments. When you hit duplex, it only does the
one shift you have programmed in the initial set menu, either a
minus offset or a positive offset. It doesn't know we use negative
offsets below 147 and positive offsets above. Aggravating.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3844. WTB ACC RC-850/85/96 Accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: dbh_prod@ix.netcom.com
Message-ID: <47lie4$b6i@ixnews2.ix.netcom.com>
Source record: 210584

I have an Advanced Computer Controls - RC-850 Repeater controller. I
am looking for the Optional
FC-900 remote base option with Icom - 900 band modules for 2meter and
70cm. If anyone knows a source for these parts please contact me.

If I cant get the FC-900 I would be interested in the Doug Hall/Kenwood
remote base options. Dose anyone have any info on how well this works?

Jeff Jurenka

Email: DBH_Prod@ix.netcom.com
Phone: (310)392-7307
Fax : (310)392-7307
Snail: P.O. Box 5781
Santa Monica, CA 90409

3845. Re: Drake R4A crystal help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <47lhsn$el4@ns2-1.CC.Lehigh.EDU>
Source record: 210585

In article <47l7q8$1b00@fidoii.cc.lehigh.edu>, lusgr@chili.CC.Lehigh.EDU (Stephe
n G. Roseman) writes:
>I'm a brand new Tech-plus - got my callsign Saturday. My dipoles are strung
>(and waiting on feedline...) I've got my "brand new" Drake twins, a TX-4 and
>a R-4A. I'd like to do some HF phone along with CW. Oops - their 10M band
>starts at 28.5 Mhz, above the Novice band.
>
>So, I need a crystal, and have a few questions.
>
>1. Anyone have suggestions for a good source of a crystal or two?
>
>2. I don't have the manual for R-4A yet. Looking at the crystals for the
> built-in bands, it appears that I need a 28.0+11.1=39.1 Mhz crystal. Can
> anyone verify that?
>
>3. Does anybody have the crystal I need for a reasonable price?
>
>Thanks,
>Steve, N3WHW
>
>--
>Steve Roseman
>Lehigh University Computing Center
>lusgr@chili.CC.Lehigh.Edu
>
Yes you are correct on the frequency. Also note that you will need a third
overtone mode series resonant crystal. JAN Crystals down in Florida can take
care of you at a reasonable price. They have the specs for the Drake Line
Crystals. Check your recent QST or maybe some other magazine for the address.
It's somewhere in Ft. Meyers Florida. They work a four day week. This outfit
is the old "Texas Crystals" group.
73's Dick K8WHA

3846. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: fenian001@aol.com
Message-ID: <47li3m$8nn@info.usuhs.mil>
Source record: 210586

question

3847. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-0611951119050001@k4dii.ksc.nasa.gov>
Source record: 210587

In article <1995Nov6.003039.18649@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
> Now this is true, and including board layouts, component lists, etc,
> in the owner's manual might be excessive.

Gary-

Excessive? I've become accustomed to finding at least schematics and board layouts with the Icom radios I've purchased in the past. Not being able to obtain an Icom service manual until later, is nothing new. However, the wait would be more bearable with a schematic and board layout in hand.

73, Fred, K4DII

3848. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: fenian001@aol.com
Message-ID: <47liq1$8nn@info.usuhs.mil>
Source record: 210588

Fellow netters,

I just came across three radios and a compatible charger. The radios are Motorola MTX-900. They have a telephone keypad, 6 channel, ABC switch, and have the adapter and secret service ear set, rubber duckie 8" antenna. Also on the side of the radio there is the standard push to talk pad, a private response button and a button that has a telephone head set.

The model number is 673APA0237.

After I charged the radios and turned them on I got a steady tone. I take it that thus means I am locked out and the radios need to be re-programmed.

My questions are

1. Are these radios worth anything?

2. How much does it cost to have them re-programmed?

3. If I trade them or sell them how much are these worth?

4. What would be a good trade for this set?

Any help would be appreciated. I live in the WASH DC area.

3849. Motorola Hand held help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: fenian001@aol.com
Message-ID: <47litr$8nn@info.usuhs.mil>
Source record: 210589

Fellow netters,

I just came across three radios and a compatible charger. The radios are Motorola MTX-900. They have a telephone keypad, 6 channel, ABC switch, and have the adapter and secret service ear set, rubber duckie 8" antenna. Also on the side of the radio there is the standard push to talk pad, a private response button and a button that has a telephone head set.

The model number is 673APA0237.

After I charged the radios and turned them on I got a steady tone. I take it that thus means I am locked out and the radios need to be re-programmed.

My questions are

1. Are these radios worth anything?

2. How much does it cost to have them re-programmed?

3. If I trade them or sell them how much are these worth?

4. What would be a good trade for this set?

Any help would be appreciated. I live in the WASH DC area.

3850. Re: Drake R4A crystal help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: "Charles J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <47los9$bjq@vixen.cso.uiuc.edu>
Source record: 210590
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Call the R.L.Drake company for the crystals you need. They are very helpful. They are in Miamisburg, Ohio, and the last phone# I have is (may be out of date, but try it) 512-866-2421. The crystals are about $15 each.
Chuck, KE9UW

3851. ICOM 706--Feedback Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: Harrington.Ed@mail.ndhm.gtegsc.com
Message-ID: <Harrington.Ed-0611951137550001@157.176.66.44>
Source record: 210591

Please send me your comments (positive or negative) on your experience
with the new ICOM 706.

Thanks and 73s,
Ed--AA1IN

3852. Any amateurs in Hawaii Maui/Kona reading this?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: cliffor1@ix.netcom.com
Message-ID: <47lsgi$6d7@ixnews7.ix.netcom.com>
Source record: 210592

Are there any amateurs in Hawaii Maui/Kona areas reading this newsgroup?

I will be visiting Hawaii in mid November. Wanted to find out any gatherings, nets, popular freq. etc...

73 de Cliff

3853. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov6.210417.24090@ke4zv.atl.ga.us>
Source record: 210593

In article <frederick.mckenzie-1-0611951119050001@k4dii.ksc.nasa.gov>
frederick.mckenzie-1@kmail.ksc.nasa.gov (Fred McKenzie) writes:
>In article <1995Nov6.003039.18649@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>(Gary Coffman) wrote:
>> Now this is true, and including board layouts, component lists, etc,
>> in the owner's manual might be excessive.
>
>Gary-
>
>Excessive? I've become accustomed to finding at least schematics and
>board layouts with the Icom radios I've purchased in the past. Not being
>able to obtain an Icom service manual until later, is nothing new.
>However, the wait would be more bearable with a schematic and board layout
>in hand.

Oh, I agree, Fred. In an ideal world, full documentation would be
included with the radio. But I realize that the industry trend is
to unbundle service information. I can accept that because few amateurs
actually service their own radios today, but I still think a schematic
is a must with *every* radio. If need be, I can puzzle out component
locations, but I don't want to have to reverse engineer the radio to
see how it is designed.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3854. Crystal Set Book Available Online

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: mike_h@ttx.com
Message-ID: <47m5kb$n5d@nnrp3.news.primenet.com>
Source record: 210594

Just a quick note to inform you all that we are now carrying "The Crystal Set Handbook" online at BookZone.

Here is a sample of the preface to give you an idea what the book is about...

"This book is written for crystal set enthusiasts, first time radio experimenters, electronics students and radio amateurs. I wrote it to encourage design, building, and experimentation. For too long now, we've become appliance operators; that is, we purchase and use electronic gear but we don't dig inside it. Our future depends upon regaining the ability to create, to understand, and to build"
-Philip N. Anderson

We carry books at BookZone that you might not find in your average bookstore because we carry books from smaller publishers who don't have the advertising $$$ to get carried by the chains.

I just wanted to let you know that the book was available. There is a much larger portion of the book online at the web site. Check it out at http://ttx.com/bookzone in the science aisle.

Mike Howerton
System Admin
BookZone

3855. Re: How to fix intermod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: k5qq@aol.com
Message-ID: <47m7hm$8hf@newsbf02.news.aol.com>
Source record: 210595
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

You might notice if it always sounds like a pager or some other such tone is one of the intermod signals. Your HT will be more suceptible (sp?) than other radios as they are usually run with a much higher gain in order to hear signals with their small antennas. When you hook them to the outside antenna is when you run into problems..

In Albuquerque we have some paging transmitters in the 152 MHZ band that are running over 1000 watts and they cause a lot of trouble for lots of folks. I just bought a PAR electronics filter which is a notch filter and it works GREAT!!

Might check them out in QST and if your intermod is from pagers, I know that will fix a lot of your problems.

Adios
Jim

K5QQ@AOl.COM

3856. Re: Help! RF-Shielded Computer Cases?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: guillory@phoenix.net
Message-ID: <47lcjt$962@gryphon.phoenix.net>
Source record: 210596

ac666@detroit.freenet.org (Sheldon Leemon) wrote:

>I'm currently using a cheapo mini-tower case that leaks
>RF like a sieve. It's pretty difficult to use the computer
>for loggin, TNC, etc. when it adds 2 S-units of noise!
>Does anyone have any suggestions as to where I might
>obtain a well-shielded mini-tower case, or other tips
>for reducing computer noise?

>Please reply by mail to ac666@detroit.freenet.org
>since my newsfeed is not too reliable.

>Thanks,
> Sheldon N8SL

3m makes a copper based shielding tape to tape up the
gaps in the case. Readily available but I think I have
the ordering info at home if you can't find it.

Try to find a case with copper combs around the lips of the
case. Usually these are found on OLDER FCC Class B
PC cases.

Watch out for cases that have PLASTIC fronts that look like
metal. You may have to buy a copper based paint, (available
at high end electronic shops) and either spray the inside
of the plastic front or touch it up. (Some come that way
from the factory.)

For a good supply of cases, try looking in the weekly publication
call Processor. It has ads for all kinds of computers but
has a big focus on PC stuff. Subscriptions are free 800-334-7443.

Oh yea, try to change to high quality shielded cables.

George Guillory, KC5HBT
guillory@phoenix.net

3857. Santec ST-144 Info Please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: guillory@phoenix.net
Message-ID: <47lcju$962@gryphon.phoenix.net>
Source record: 210597

Does anyone have info on who services the Santec ST-144 2m handheld?

Does anyone know where I can get the funky 6 pin connector for it?

George Guillory, KC5HBT
guillory@phoenix.net

3858. Re: BENCHER VS KENT...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: cph@zurich.ai.mit.edu
Message-ID: <47m5an$jj4@GRAPEVINE.LCS.MIT.EDU>
Source record: 210598

l38217@alfa.ist.utl.pt (Pedro Pedroso) wrote:

> The Bencher seemed more light
> and sensible, but the Kent doesn't look so fragile and is much
> cheaper.
> If any one has ever had both (or have both) I would like to know
> more about each one's advantages and disadvantages to help me choose!

I've used both of these, and IMO the Kent wins hands down. The Kent
has a wonderfully smooth feel and a nice heavy base. I've owned one
for a year now and I love it. OTOH, I think the Bencher is too light,
and I have never been able to adjust it so that it feels good.

I'm a little confused about your comment regarding the price: I've
seen the Bencher for $65 or so, while the Kent in kit form is $88.
Not a big difference, but the Kent is definitely more expensive.

3859. Heathkit SA-2040 Mod needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: "Troy L. Faulkner" <troy@aloha.net>
Message-ID: <47m06o$ek1@nuhou.aloha.net>
Source record: 210599

I have a heathkit SA-2040 antenna tuner. I am using a 550ft long wire and would like to work it on 160m. However when I tune for that band I am unable to tune it up. My question is do I need more inductance or capacitance? Should I try to reconfigure the tuner to be a L-C type from its present form of a clasic T type? Some additional info on the antenna system is as follows: the antenna is 550ft long 25ft above ground and fed directly into the shack to a Drake B-1000 4:1 balun cconfigured for long wire use one side is grounded with a short 3ft feed line of RG-214. All other bands operate quite nice and smooth I am only unable to work 160m. Any help at all in needed......Thankyou and 73's.....Troy - KB9AZZ/KH6

3860. Heathkit SA-2040 Mod needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-06 00:00:00 UTC
From: "Troy L. Faulkner" <troy@aloha.net>
Message-ID: <47m07q$ek1@nuhou.aloha.net>
Source record: 210600

I have a heathkit SA-2040 antenna tuner. I am using a 550ft long wire and would like to work it on 160m. However when I tune for that band I am unable to tune it up. My question is do I need more inductance or capacitance? Should I try to reconfigure the tuner to be a L-C type from its present form of a clasic T type? Some additional info on the antenna system is as follows: the antenna is 550ft long 25ft above ground and fed directly into the shack to a Drake B-1000 4:1 balun cconfigured for long wire use one side is grounded with a short 3ft feed line of RG-214. All other bands operate quite nice and smooth I am only unable to work 160m. Any help at all in needed......Thankyou and 73's.....Troy - KB9AZZ/KH6

3861. Re: which good shop in Singapore for Radio equ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <47mc7t$rf8@tilde.csc.ti.com>
Source record: 210504

In article <47l9sl$lrh@fstgal00.tu-graz.ac.at>,
anon.freeminds@match.com says...
>
>Can anyone recomand a subsidery of AOR or other radio equ
>shoplocated in Singapore?
>Pls email address info back asap
>Tks
>Walter
>

Hi Walter, your best bet is to try any of the radio shops in Sim Lim Tower / Sim Lim Square. Take the subway to Bugis (I think it's stop E1) and it's about a 5 minute walk. Blazer Electronics is one that I've dealt with frequently. It's in the basement of Sim Lim Towers, #b1-22 Jalan Besar, S'pore. Phone is 2966944.

I have picked up quite a few items during the past years and always am quoted a decent price. Just be aware of model differences between the ones available in Europe/USA versus those for the SE Asian market.

P.S. Are you in Graz? I spent many days there back in 1988/1989 while studying at Ljubljana University in Slovenia. We used to go up to Graz for shopping all the time! 73 Joe

---
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

3862. Help on Hammarland

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: kk5hy@mailhost.accesscom.net
Message-ID: <47mi5i$3on@ux.accesscom.net>
Source record: 210505

Hello to all,
I bought 2 Hammarland Super Pro SP-400-X recievers, one can be fullly restored. The other I maybe able to or just used for parts. Has anyone ever used this radio, or do you know anything about it? Also need a schematic for it.

Thanks for any info,
Jake KK5HY

3863. Looking for amat. radio group near Columbia MO

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: dgallego@socketis.net
Message-ID: <47mrtv$nm4@news.socketis.net>
Source record: 210506

Any one know of an amateur radio group near the Columbia/Jeff City Missouri region. Please email me at dgallego@socketis.net

Thanks

David

3864. Ramsey FX440

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: mlapolt@netaxis.com
Message-ID: <47mndt$8qd@henry.netaxis.com>
Source record: 210507

Has anyone out there received satisfactory results with the Ramsey FX440 transceiver kit? I built one, but once completed, I noticed a plethora of ploblems. For instance, the microphone amp not working, the VCO being VERY susceptable to 'mechanical' noise (i.e. touching the board with an insulated tweaker), no power out, and lousy sensitivity. I thought I did a pretty decent job assembing this thing, but either I'm WAY off in my assembly techniques, or the kit's not what it's cracked up to be. I'm going to start troubleshooting the rig this week (I hope), and will keep any interested parties up to date.

mlapolt@netaxis.com
Mark LaPolt N1UNE

3865. Yaesu FT757GX Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: briley@www.netc.net.au
Message-ID: <47nh8g$j2k@budapest.ozonline.com.au>
Source record: 210508

Hi all
I have been having problems with an FT757GX HF Tx/Rx.
The unit works fine, but suddenly the rx goes deaf on FM and the audio
is muted continually. On investigation, some diodes in the front end,
when replaced, fix the problem. The diodes check ok on a meter.
This has happened 3 times now, and the replacements have been Yaesu
parts - not substitutes.

I have heard this is a fairly common problem.
Any ideas??
Any fixes??
Are there better diodes than the originals to fix the problem?

Bruce
briley@www.netc.net.au

3866. Re: Standard C508a mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: nepaleduc@aol.com
Message-ID: <47nbfv$hge@newsbf02.news.aol.com>
Source record: 210509

Dear Manny,

I have the Artsci mod book that includes the C108A, the C508A's, 2m only, little brother. This mod is simplicity itself - remove diode "B" - a diode that is line with two ICs adjacent to the microprocessor. Is your C508A mod this simple? Please let me know as I need to be able to transmit below 438MHz legally on trips to the UK!

Thanks,

Rob
ZL2AXQ

3867. Re: How to fix intermod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: ssampson@icon.net
Message-ID: <ssampson.217.00084871@icon.net>
Source record: 210510
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Jeff Wigal <jwigal@wsunix.wsu.edu> writes:

>When I travel through some areas of Seattle, my radio is bombarded with
>intermod interference (at least that's what I think it is)...

Most of the amateur equipment is made to sell features, not quality. By that I mean, the receiver isn't as important as the total bandwidth or beeps and whistles. If you buy a radio designed to receive in 30 MHz bandwidth, don't be surprised if it can't resolve down to 25 kHz.

My Master II radio never got intermod. But it wasn't designed to receive the whole spectrum, just a part of it.

Tucker Electronics 1-800-559-7388 sells a product called Tucker TF-144 for $59 + shipping. It's an inline filter, good for up to 50 Watts. On receive it switches in a filter for only the Ham band. I don't have one, just offering a solution you can investigate. Anything with a helical filter would be an improvement.

3868. Re: TS50

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov7.142803.27644@ke4zv.atl.ga.us>
Source record: 210511

In article <bigkid.9.0058CACC@interaccess.com> bigkid@interaccess.com (Bigkid) writes:
>I have noticed an unusual number of TS50's for sale in the swap news group.
>Is there a problem with the rig or did they just sell so many of them that
>there would be a naturally high number of them for sale?

The IC-706 started shipping. It blows the TS50 out of the water.
I suspect a lot of people are getting rid of the Kenwood so they
can buy the Icom. (The little Alinco blows the TS50 out of the
water too, but not by quite as much. That's the problem with being
first in a market niche, the follow up radios are usually better.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3869. What MODS can be done to a 725 ?????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: dedelvis04@aol.com
Message-ID: <47nprj$jj3@newsbf02.news.aol.com>
Source record: 210512

I am looking in on buying a Icom 725 and I was wondering what mods are able to be done. Can it be taken to 11 meters ?

3870. WANTED: Icom 725 MODS for 11 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: dedelvis04@aol.com
Message-ID: <47nqn0$jr1@newsbf02.news.aol.com>
Source record: 210513

If there is such a thing please let me know where I can find it.

3871. Re: TS50

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-0711951110590001@k4dii.ksc.nasa.gov>
Source record: 210514

In article <bigkid.9.0058CACC@interaccess.com>, bigkid@interaccess.com (Bigkid) wrote:
> I have noticed an unusual number of TS50's for sale in the swap news group.

It isn't surprising, with the much-hyped IC-706 hitting the market! However, I don't plan to get rid of my TS-50, now that I have the new Icom.

It is hard to be objective, when you get to know one rig very well, and then try to learn a new one. The TS-50 certainly doesn't have all the new "bells and whistles", but I believe it is a better "basic" radio than the Icom. In addition, I believe the Kenwood AT-50 is superior to the Icom AT-180, on the HF bands. I find that the Icom tuner doesn't seem to be able to match as wide a range of impedances as the Kenwood. For example, the Hustler 40 Meter resonator could be matched by the AT-50 over the entire band. The AT-180 can't match it down at the CW end of the band, even though the resonator is adjusted for mid-band. (Yes, I do have a key in the car!)

Many of the IC-706 features may be of little use while driving. If you can live with a mobile rig that only covers through 10 Meters, a used TS-50 could be quite a bargain!

73, Fred, K4DII

3872. KENWOOD R-300 SCHEMATICS WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: Alexandre Manuel Mota <alex@ci.ua.pt>
Message-ID: <47o3e1$1ve@titan.ci.ua.pt>
Source record: 210515

I need the schematics of the Kenwood R-300 receiver.

Plasea conbtact me. I will support every expense.

Thanks.

Alexandre Mota - CT4OL

3873. 706: success with new mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: ab910@lafn.org
Message-ID: <1995Nov7.173907.12161@lafn.org>
Source record: 210516

Has anyone tried the new mod yet? What are the results?
Before you ask, the mod is to cut or remove the yellow wire located just
right of the s/m diodes from the last mod.

I'm hoping to improve the sensitivity above and below the 2M ham band.
HF is okay as is. Now without the mod the radio is useless from 148-200
and from 6M-144. Not as advertised to be sure.

M. Davies

--
SALE. Yes! Be the first one on your block to take over the world.
The Super-Conductive Magnetic Infindibulator. Only $99,999.00
(As seen in the Farmers Almanac.)

3874. re: WANTED: Icom 725 MODS for 11 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <47o6tp$hcu@omnifest.uwm.edu>
Source record: 210517

Has anyone thought about creating a Web site full of phoney rig-destroying instructions for Children's Band ops who want to wreck perfectly good ham transceivers to use them on 11m?

3875. Icom R-1 For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: scanman@aramco.com
Message-ID: <NEWTNews.815769244.8250.bjones@bjones.aramco.com>
Source record: 210518

For Sale

One Icom R-1 Scanning Radio
(100kHz to 1300mHz - Unblocked)
Includes:

3 BP-84 (1000mHa batteries)
1 BC-72A (Drop-In Quick Charger)
1 CP-12 (12 volt auto cigarette lighter adapter/charger)
1 LC-61 (Carrying Case)

All items have been are in original packaging and boxes and include
all accessories and instructions. Contact via e-mail for questions.
Asking $600.00 for all items (will pay shipping in Continental U.S.)

73 de KC5EVD
Billy R. Jones
(713) 432-5967 (Office - Voice)

3876. Transverter 28 MHz to 144 MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: Ulf.Lange@tripnet.se
Message-ID: <47o6ou$6go@minox.tripnet.se>
Source record: 210519

Is there any European or US company, respectively, manufacturing or selling
a reasonably priced 28 MHz to 144 MHz transverter?

Please, reply via e-mail to Ulf.Lange@space.se

73's de SM6FYQ Ulf

3877. Tokyohigh power info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: wlbeen@csulb.edu
Message-ID: <47oa6g$nfk@garuda.csulb.edu>
Source record: 210520

Hello, Can anyone direct me to a source to buy a Tokyo Hy-Power
HF transceiver as seen in Qst Oct. 1994 pg. 62.?
Thanks, bill ke6mue.

3878. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: luru@stekt12.oulu.fi
Message-ID: <LURU.95Nov7212434@stekt12.oulu.fi>
Source record: 210521

In article <1995Nov6.210417.24090@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

> >Excessive? I've become accustomed to finding at least schematics and
> >board layouts with the Icom radios I've purchased in the past.

> actually service their own radios today, but I still think a schematic
> is a must with *every* radio. If need be, I can puzzle out component

Not to mention that the regulations of amateur radio in some countries REQUIRE the schematics of all transmitters to be presentable at the station at all times.

No, I haven't heard of spot checks of transmitter schematics, but I still wonder if WE get the schematics - or maybe every amateur who wants to use Icom has to draw one of his own.

Luru
--

/// AriMattiJuhaniHusaOH8NUPAri.Husa@iki.
o-o fiTiedonkaari6D25FIN-90570OULUFinland
o 9405020236http://www.iki.fi/ari.husa/

3879. FT - 51R MODS ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: frode.nyheim@student.nlh.no
Message-ID: <47o4oo$4ni@dole.uninett.no>
Source record: 210522

I need mods for the Yaesu st-51r tranceiver. I need to expand both my RX
and TX. I need to TX at least down to 136 Mhz.

I have also heard that there is 800 Mhz on the Japanese versions.
Do anyone have the mods to get this on the USA-versions.

Please email me ...

Frode
Email : frode.nyheim@student.nlh.no

3880. Re: TS50

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: Ray Wilson <n3rkh@omni.voicenet.com>
Message-ID: <47nd40$ri4@news.voicenet.com>
Source record: 210523

bigkid@interaccess.com (Bigkid) wrote:
>
> I have noticed an unusual number of TS50's for sale in the swap news group.
> Is there a problem with the rig or did they just sell so many of them that
> there would be a naturally high number of them for sale?

Folks are probably buying the new Icom and Alinco mobile HF
rigs...

Seventythree.

Ray

3881. Yaesu FT-ONE problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: butch@apollo.wes.army.mil
Message-ID: <47oi0u$j7j@prop.wes.army.mil>
Source record: 210524

I did a boo-boo a few days back. Had my FT-ONE down on rtty and my 440
up on county hunters. Well, a county I needed came up and I called and
I hurt my Yeasu. It don't hear quite as well as it used to. The FT-ONE
is my favorite, best filtering system ever, anyway...anybody have an idea
what i might check for a home fix before I have to send it off to Yeasu
for 2-3 or more months in the shop for them to fix?

Butch KF5DE

3882. J-Comm TC-K question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <47olcs$mck@omnifest.uwm.edu>
Source record: 210525

Can anyone tell me if the J-Comm model TC-K is ALL I need to connect my TS-940SAT to my PC? Or do I need something in addition, like Kenwood's IF232C and/or IF10B?

TNX ES 73,

Rick WB9GYT

3883. Preselector Info Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: norder@scan.mc.xerox.com
Message-ID: <NEWTNews.815750325.12004.norder@stockholm.scan.mc.xerox.com>
Source record: 210526

I am in the unfortunate situation of living within 0.5 miles of some very strong AM broadcast stations, which are completely swamping my Kenwood TS850S. Anyone have any experience with the MFJ 1040B "All Band Transceiver/Preselector" or other front-end filtering scheme?

73 de KG2EP (Paul)

3884. IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: Matthew <100751.1262@CompuServe.COM>
Message-ID: <47n930$a3k$1@mhade.production.compuserve.com>
Source record: 210527
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

Quick!
I need first-hand, unbiased advice on the IC706!
I plan to buy it v. soon if I do not hear any stinking reports!
Help!

3885. Q: are there any mods for the FT-51R?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: ctbaker@tostada.engr.ucdavis.edu
Message-ID: <47oeua$flh@mark.ucdavis.edu>
Source record: 210528

I am thinking of buying a Yaesu FT-51R HT radio and want to know if there are any mods out for it... I have found one of them.

Thanks!!

Chad Baker

PS- Or if the radio is not worth buying let me know!!

3886. Xtal radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: mike.mollet@compudata.com
Message-ID: <8B48595.02EC003F19.uuout@compudata.com>
Source record: 210529

Hello there... I am interested in obtaining a working 2 meter radio that is single channel. I am looking to install it in my hamshack, so Ican have a dedicated radio for our repeater when ARES /RACES net is active...
Since I live in the same town as the repeater, I only need 1 watt or less. I don't care how big the unit is, as long as it is shippable...
If you can help, please write me back..
Thanks
Mike.mollet@compudata.com
PACKET: N2SRO@KF2AW.#SNJ.NJ.USA.NA

3887. Re: BENCHER VS KENT...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDHoypn.4zF@netcom.com>
Source record: 210530

Chris Hanson (cph@zurich.ai.mit.edu) wrote:

: I've used both of these, and IMO the Kent wins hands down. The Kent
: has a wonderfully smooth feel and a nice heavy base. I've owned one
: for a year now and I love it. OTOH, I think the Bencher is too light,
: and I have never been able to adjust it so that it feels good.

I was a Bencher user for 15 years until I switched to a Jones key.
The Jones key is much sturdier than the Bencher, which always seemed
flimsy to me. The Jones key is easier to adjust and holds adjustment
better than the Bencher.

Another thing about the Bencher that annoyed me was the silver-plated
contacts that became intermitent every few months. Running a piece of
paper through the contacts fixed the problem, but I've never had to do
this with the Jones key.

The Jones key is somewhat pricey, however. HRO sells them for $145,
but I've heard they can be gotten directly from the manufacturer in
England for less.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

3888. Computer Interfacing a TS-140S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: Fraser Bonnett <102432.1070@CompuServe.COM>
Message-ID: <47ootmkjd1@mhadf.production.compuserve.com>
Source record: 210531

I'm trying to make my TS-140S computer controllable.

Apparently, I need both items IF-232C and IF-10C.

I can find IF-232C, but the IF-10C has been discontinued and
none of the mail order stores have it!

Does anyone have one to sell? Does anyone know of a way around
this problem, short of buying a new radio!

Any help will be greatly appreciated, either via a posting or
to 102432.1070@compuserve.com

Thanks and 73, Fraser N3VSM

3889. Re: WANTED: Uniden 2510, 2600 or Explorer 5010 modified.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <47nj9j$56j@vivanews.vivanet.com>
Source record: 210532

Dedelvis04 (dedelvis04@aol.com) wrote:
: I am looking for either of these radios modified for the 11 meter band.
: Please E mail with details.

The details are that it's illegal to use a non type-accepted transmitter
in CB service.

Rich Mulvey, aa2ys Rochester, NY USA
mulveyr@vivanet.com
aa2ys@net.wb2psi.ampr.org
aa2ys@wb2psi.#wny.ny.us

3890. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: garym@nosc.mil
Message-ID: <1995Nov7.224052.4865@nosc.mil>
Source record: 210533

dara@physics.att.com (Shel Darack) writes:
>Jeff Gold (jmg@tntech.edu) wrote:
>: Anyone know anything about the new Radio Shack 2 meter mobile
>: rigs. They are on sale for $299 now and it sure looked good.
...
>It seems like a decent rig at $300, but not at $350.

FWIW, they're $259 at USRadio (800-433-SAVE) right now. It's tempting
at that price.
--GaryM

3891. Need Mods For Icom IC-736

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: yingst@knighted.com
Message-ID: <47m80v$5fs@crier.knighted.com>
Source record: 210601

Does anyone have any mods for the ICOM IC-736?

I'm looking for a way to turn the pre-amp back on below 1.6 Mhz.
Icom turns it off even though it the light says it's on.
I would like to listen for some lowfer stations 1750 meter band
(160-190 kc. 1 watt into a 50 ft antenna).

I'm also looking for a way to improve the recieve audio.
The recieve audio sounds flat and distant, lacking highs & lows.

With the notch filter ON the audio sounds a little better,
but it still could use some improvement.

They re-shape the audio through the notch filter,
and it actually has a nicer sound with the notch filter on
(Has more highs & lows).

I had a IC-737 that had the same problem with the audio,
just not sounding quite right.

I am also interested in any other mods for the Icom IC-736.

Please send any replies to yingst@knighted.com

Note: If you post a reply into this newsgroup I proably wont get it,
my internet provider only holds news for 1 day.

Thank You. Harry N6VUJ

3892. Icom Computer CI-V Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-07 00:00:00 UTC
From: pmarkou@ferrets.iii.net
Message-ID: <47m99v$1oq@news.iii.net>
Source record: 210602

I'm looking for some information about
the Icom CI-V interface to remotely control an Icom radio. I understand
that it is a simple TTL interface (on the radio) but that's about it.

I'm looking for an electrical specification and a list of command formats
for issuing instructions to the radio. Any information that you can provide
will be appreciated.

73's,
Peter
WB1DWK

3893. Re: Need Mods For Icom IC-736

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <47r65b$vng@chnews.ch.intel.com>
Source record: 210405

In article <47m80v$5fs@crier.knighted.com>,
Harry Yingst <yingst@knighted.com> wrote:

>I'm looking for a way to turn the pre-amp back on below 1.6 Mhz.

Hi Harry, in general, a pre-amp will not help below 1.6 MHz because it amplifies atmospheric noise just as much as the signal. At that frequency, you can sometimes improve your SNR by bypassing all your RF pre-amps and going directly to the first mixer. If your noise level is higher than your signal level, all the pre-amps in the world won't help matters.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

3894. New production run of Kenwood IF-10B?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDHqtsJ.656@netcom.com>
Source record: 210406

A recent QST article alluded to Kenwood making a "new but limited" production run of the IF10B module for TS940S. The article suggested that dealers would know, but my dealer doesn't know (HRO). Has anyone been able to confirm the details?

73 Dave WB0GAZ dgf@netcom.com

3895. Nec Active Color Matrix Laptop For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: rxbobxr@globalone.net
Message-ID: <47rc9e$1ge@news.global1.net>
Source record: 210407

Hi -- have a NEC 386 laptop -=- 2 megs of ram 80 meg Harddrive -- with dos 6.2 and windows 3.1-- 1.44 meg floppy and connections for printer -LPT1- com 1-ps2 mouse external monitor -external floppy- ACTIVE MATRIX COLOR monitor -- no battery but have power supply and battery charger-- many programs also -- will sell for $ 550.00 with shipping UPS BROWN included -- sell mail or call after 6PM est 518-399-3639- Thanks for reading

3896. hmmmm

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: rmw@ids.net
Message-ID: <rmw-0811951925010001@pslip249b.egr-ri.ids.net>
Source record: 210408

```
*NEW* Amateur Radio Link BBS @ 401-885-3074
Includes: FidoNet, Usenet
InterNet EMail, HAM-Net File
Distribution, & 2000 files available Online!

--
-R.M.Williams
RMW@ids.net
Check out my *NEW* Web Page
http://ids.net/~rmw/news.html
```
```
*NEW* Amateur Radio Link BBS @ 401-885-3074
Includes: FidoNet, Usenet
InterNet EMail, HAM-Net File
Distribution, & 2000 files available Online!
```

3897. Re: Yaesu Email Address?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: ctbaker@burrito.engr.ucdavis.edu
Message-ID: <47qnms$rje@mark.ucdavis.edu>
Source record: 210409

Bill (76461.1515@CompuServe.COM) wrote:
: Does anyone know of an internet email address for Yaesu?
: Thanks for the help.
: Bill, KC6POF
: email:76461.1515@compuserve.com

I know that Yaesu has a web page.... try searching for it using one of
the search engines such as webcrawler or lycos and search for Yaesu...

Good Luck

Chad

3898. Re: 706: success with new mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: rhuffman@freenet.columbus.oh.us
Message-ID: <47rlcf$s1c@acme.freenet.columbus.oh.us>
Source record: 210410

Bill Bennett (bb@tisc.com) wrote:
: ab910@lafn.org (M. Davies) wrote:
: >
: >
: >
: >Has anyone tried the new mod yet? What are the results?
: Before you ask, the mod is to cut or remove the yellow wire located
: just right of the s/m diodes from the last mod.

: what is this mod supost to do????

It opens up the ears from 148 to 200Mhz, supposedly.

N8KZK
--

3899. Collins 180-S1 Antenna Tuner Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: Chuck Hanson <crhanson@pop.athenet.net>
Message-ID: <47p4j9$s4q@hermes.athenet.net>
Source record: 210411

Hello my name is Chuck,
I am posting this message for a friend of mine .... WA9GON.
He is looking for information for a Collins 180-S1 Antenna Tuner. If you
have any information on this please E-mail me @ crhanson@athenet.net

Thanks,

Chuck N9OEQ

3900. Re: Info Needed-Icom V68 FM Handie Talkie

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: tygleung@hkursc.hku.hk
Message-ID: <DHpJ5M.5CM@hkuxb.hku.hk>
Source record: 210412

>I recently purchased and Icom V68 handie talkie, and I believe
>that I was mis-informed about this radio prior to purchase.
>The salesman had told me that the radio was just a "plain jane"
>model, with minimal features, but that it also received
>136-172 Mhz (pretty common with today's VHF rigs.) He said
>that it also is a good alternative for commercial use, kind of
>a "dual function" radio. He finally told me that a few security
>companies have purchased quantities of these radios for their
>employees.
>
>Anyways, the price was good, so I purchased it, and ever since
>that day, I have become VERY frustrated with this rig. The
>manual tells me absolutely NOTHING about even the simplest
>features available on this rig, such as the + and - offsets,
>programming the memory channels, etc. Other information included
>in the manual is very vague, and hard to understand, and it
>keeps mentioning "If you are unsure...contact your system
>administrator or operator." Yes, I guess this more a commercial
>radio than amateur, even though I have seen this rig advertised
>in some ham magazines. To prove this point even further, the
>advertised "136-172 receive" is actually full transmit as well,
>with absolutely no modifications needed-it comes like this
>straight from the factory!!
>
>Well, enough babbling for now. I would just like to know if
>anyone has any experience with these units, such as programming
>them, and getting all of the features to work that are not in
>the manual.
I've used IC-V68 over a year and I think it is good but not great, if you want
a copy of the programming manual, send me a e-mail. 73

3901. Re: Info Needed-Icom V68 FM Handie Talkie

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: tygleung@hkursc.hku.hk
Message-ID: <DHqy2q.A3C@hkuxb.hku.hk>
Source record: 210413

>That radio is only sold for export only in the U.S. You need the
>programming manual for the radio which is different that the operators
>manual. See your dealer for that as ICOM will not send you one. Only
>dealers ware able to order them. You are quite correct the radio is mainly
>for commerical services, also with the UT-88 you can add scrambling to the
>radio with CTCSS encode/decode. The radio can be cloned, and you can even
>turn the display 180 degrees via software, flip it over. It has lots of
>neat features. Mostly sold offshore to places like Central america etc.

Gary
Do you know any mods for the IC-V68 about the Pulse control squelch, it make noise after receive a weak signals. In the (common set mode) of that handheld, there is a function (Manual opening of noise squelch while adjusting sensitivity), but it is only a on/off switch of the squelch, I can't find anywhere to set the sensitivity. any help?
73, Tony.

3902. Will trade laptop computer/other computer equipment for ham gear

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: adamsr@blarg.net
Message-ID: <47rg5s$s59@news.netusa.net>
Source record: 210414
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I'm looking for an HF rig in good condition. All band AC powered rig or rig plus AC power supply prefered. Yaesu FT-101?? or FT-102?? or similar ideal. Will trade any/all of the following, depending on the rig offered. All equipment is in good working order as described below. Other ham/shortwave related trades or cash offers considered. Dealer inquiries welcome.

Tandon LT-286 Laptop.
- 1 MB RAM (expandable) installed
- 60 MB HD Doublespaced to 120 MB
- Intel 286 CPU, socket for math co-processor
- 3.5" 1.44 FD
- Serial, parallel, external keyboard & monitor ports
- Large, clear, LCD display
- Includes case, ni-cad battery pack & charger/AC Supply, all manuals
- New lithium backup battery included (ordered 11/4/95)
- DOS 6.22 installed
- Automatic shutdown, password protection, many extra features
- Perfect for field working, contesting, general computing, etc.
- Because the nicad pack is old--will pay up to half the cost of a new nicad ($90 at Radio Shack--less via mail order), depending on trade
- Will include licensed software--Word Perfect 5.1 for dos, MS Word 4.0 (old but good for upgrade discount), Turbo c++, PC Tools, other dos based programs--depending on trade offer. All software includes full documentation and original disks (some in 5.25" format).
- Excellent condition with all original manuals, etc.

Zoom external 2400b modem.
- Great for use with Laptop above.
- Excellent condition.
- Manual and software included.

Colorado Memory Systems "Jumbo" 250 MB Tape backup.
- QIC-80 Compatible
- Works from your current floppy controller
- Includes 10 DC-2120 QIC-80 Data tapes ($250.00 value)
- Windows 95 compatible (CBW95 software included)
- Perfect condition with all software & manuals

SummaGraphics SummaSketch II 12x12 Digitizer tablet.
- Accurate & dependable digitizer
- Both puck & stylus included (stylus has pen insert)
- Reliable but warms up slowly (2-3 minutes) in cold environment
- All driver software (including Windows 95) included

Warp 10 VLB Graphics card.
- 1 MB RAM, expandable to 2MB
- High Speet VL Bus Accelerated graphics to 1024x768
- Up to 16.7 million colors
- Perfect condition with manual & drivers

DTC2290 EISA IDE Controller card.
- Up to 4 HD & 4 FD on one card
- High speed data transfer via EISA bus
- Perfect condition with manual & drivers

IDE Controller card w/serial, parallel, & game ports
- 2 HD, 2 FD, 2 serial, 1 parallel & 1 game connector
- Reliable and dependable
- Manual included

--

The only purpose for which power can be rightfully exercised over any member
of a civilized community, against his will, is to prevent harm to others. His
own good, either physical or moral, is not a sufficient warrant --- J.S. Mill
adamsr@blarg.net * adamsr@netcom.com * adamsr@netusa.net
adamsr@edcen.ehhs.cmich.edu
http://www.blarg.net/~adamsr * 73 de KE8HH * http://www.netusa.net/~adamsr

3903. anyone have MODS for the UNIDEN 2600 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: dedelvis04@aol.com
Message-ID: <47rtai$1u3@newsbf02.news.aol.com>
Source record: 210415

Please e mail me with details.

3904. Re: What is Champion Bug?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <47qm5n$ne2@usenet.continental.com>
Source record: 210416

Jack:

The Champion was a popular and economical bug from Vibroplex's product line. It's certainly not a rare bug as compared to the Blue Racer or other pre-WWII bugs. My father had a Champion for many years and I personally used it during my novice days. It's nothing to write home about. I suspect that with a little digging, you can find one for less than $75.00.

-Paul, N9AZ

3905. HELP: New Ham needs advice on VHF Multi-mode

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: John Scruggs <jscruggs@u.washington.edu>
Message-ID: <Pine.A32.3.91j.951108110952.33345A-100000@mead3.u.washington.edu>
Source record: 210417
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Greetings,
I've had my Tech license since 1990 but have never used it due to time and budget constraints. I've recently gotten interested again. After reading the ARRL Operating Manual, I've become interested in the VHF/UHF bands. I'm probably not the "rag-chewer" type, so I'm interested in SSB/CW operations. I would probably use FM for emergencies (on the road or while backpacking) or to talk with Hams with similar interests. Question: What is the best way to get involved in this kind of operations? I've read the brochures for new base station equipment, but the price is out of my league for the near future. I've read the ARRL radio buyer's sourcebook (vol. 1), but I don't have any idea what equipment is appropriate or what a fair price is? I need to get the most bang for my buck. Which equipment would get me started?

Example: A local (Seattle) shop has a Yaesu FT-290 (I thinks that is the correct model) 2 meter multi-mode for $375. It includes a battery pack, 12v power pack, mic, and antenna. I can't find any information about this radio. How old is it? Is it a good choice for my interests? Is the price fair?

If anyone would like to offer advice, or start a dialogue, I would appreciate it.

John
N7NSH

3906. Re: Preselector Info Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <47s4in$ghh@safety.ics.uci.edu>
Source record: 210418

In <NEWTNews.815750325.12004.norder@stockholm.scan.mc.xerox.com> norder@scan.mc.xerox.com writes:

>I am in the unfortunate situation of living within 0.5 miles of
>some very strong AM broadcast stations, which are completely
>swamping my Kenwood TS850S. Anyone have any experience with

I know this story, Paul. I am very close to one here, and I have a 450 foot horizonatl loop up. It kills my 440 receiver unless I have a tuner in line. That is another thought: use a resonant antenna to reduce AM BCB pickup. If you too have a 450 foot loop, cut it down and put up a few resonant dipoles on 80, 40 and 20 or something like that and I am sure the problem will be reduced.

My question: Does the 850 put the auto tuner in line for the receiver as well as the transmitter? I do not know. I just modified the 440 so that the auto tuner is engaged for the receiver, and it clears the problem up very nicely.

There are also AM BCB filters out there. I think I saw one described in QST very recently. The solution I have always used with success is to use a good bandpass antenna tuner tuned for the band I am on. My present tuner is the MFJ Differential-T tuner, and it does really well. I believe any link coupled tuner will help a whole lot also. My old Z match used to do very well.

I believe that there are commercial boxes that are designed to eliminate AM BCB interference. I have seen a price sheet in a friend's shack last week, so that solution exists also.

Good luck.

Clark
WA3JPG

3907. New Radio Shack 2 mtr mob

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.9095.7583.0NFBB7A5@woodybbs.com>
Source record: 210419

Subject: New Radio Shack 2 mtr mobile

>>Anyone know anything about the new Radio Shack 2 meter mobile
>>rigs.

Radio Shack HTX-212 Mobile Transceiver..
True FM transmit for superior audio and excellent performance on packet
30 memory channels
Priority channel selection
One call channel
Store up to six 15-number touch-tone sequences for DTMF paging or auto-patch
Microphone, external speaker and antenna jacks
On-microphone DTMF keypad
Multifunction scanning
Dual VFOs for semi-duplex operation
Frequency step selectable
Built-in subaudible tone encoder and decoder
Output power 45 watts(high) 10 watts (low)
$349.99

On sale this month for 299.00.

Frequency range (Factory)
Transmit.....144.600-148.000 MHz
Receive.....136.000-174.000 MHz

Can be modified to transmit in the MARS/CAP band. (Directions included)

&#65533; wcECHO 4.1 &#65533; AR-Net: ATTENTION to Details &#65533; Mira Loma, CA &#65533; 909-681-6221

3908. Radio Shack Frequency Cou

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.9096.7583.0NFBB7A6@woodybbs.com>
Source record: 210420

Subject: Radio Shack Frequency Counter

>>A while back, someone posted a mod for a frequency hold button for the
>>Radio Shack Frequency counter.

How to add a hold function to the Radio Shack RF Frequency Counter:

Ground TP17. In the schematic, TP17 is pin one of U3, connected to
+5V thru a 47k resistor. On the circuit board, TP17 is on the display
side, just right of the lower-right corner of the IC. Grounds are about
1/4 inch below and to the right, the three non-tinned points in the large
area of metal.

I grounded TP17 directly and the display stopped. After lifting the ground,
the counter resumed counting at the beginning of a sampling cycle.

Personally, I would ground TP17 thru a 1k resistor. I haven't performed
the mod to my RS counter, since the pads are VERY small and my fine-tip
iron is at work. I will try the 1k Hold mod on Monday and give a report
(unless somebody beats me to it).

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221

3909. Re: Radius Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: CRobbins@SunBelt.Net
Message-ID: <47qpmd$l5b@news1.sunbelt.net>
Source record: 210421

No, but 2 of them canbe done.

CARL

In article <475ba5$hlg@treasure.coastalnet.com>,
cn1135@abaco.coastalnet.com (Mark Prescott) wrote:
>Can a single VHF Motorolla Radius be converted for repeater use?
>
>Mark Prescott KE4LWP cn1135@abaco.coastalnet.com 919-745-5132(fax)
>

3910. Need Mods For Icom IC-736

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: yingst@knighted.com
Message-ID: <47p04p$bga@crier.knighted.com>
Source record: 210534

Does anyone have any mods for the ICOM IC-736?
I'm looking for a way to turn the pre-amp back on below 1.6 Mhz.
Icom turns it off even though it the light says it's on.
I would like to listen for some lowfer stations 1750 meter band
(160-190 kc. 1 watt into a 50 ft antenna).

I'm also looking for a way to improve the recieve audio.
The recieve audio sounds flat and distant, lacking highs & lows.

With the notch filter ON the audio sounds a little better,
but it still could use some improvement.

They re-shape the audio through the notch filter,
and it actually has a nicer sound with the notch filter on
(Has more highs & lows).

I had a IC-737 that had the same problem with the audio,
just not sounding quite right.

I am also interested in any other mods for the Icom IC-736.

Please send any replies to yingst@knighted.com

Note: If you post a reply into this newsgroup I proably wont get it,
my internet provider only holds news for 1 day.

Thank You.
Harry N6VUJ

3911. Re: TS50

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: Edward Woznicki <ewoznick@mars.superlink.net>
Message-ID: <47p3sh$9c1@earth.superlink.net>
Source record: 210535

I think Ray is right, the IC 706 etc. are causing people to switch, I have a TS50 and am still very pleased with it, no problems.
Ed, AC2A

3912. Collins 180-S1 Antenna Tuner Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: Chuck Hanson <crhanson@pop.athenet.net>
Message-ID: <47p48c$s0e@hermes.athenet.net>
Source record: 210536

Hello my name is Chuck,
I am posting this message for a friend of mine .... WA9GON.
He is looking for information for a Collins 180-S1 Antenna Tuner. If you
have any information on this please E-mail me @ crhanson@athenet.net

Thanks,

Chuck N9OEQ

3913. Collins 180-S1 Antenna Tuner Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: Chuck Hanson <crhanson@pop.athenet.net>
Message-ID: <47p48k$s4q@hermes.athenet.net>
Source record: 210537

Hello my name is Chuck,
I am posting this message for a friend of mine .... WA9GON.
He is looking for information for a Collins 180-S1 Antenna Tuner. If you
have any information on this please E-mail me @ crhanson@athenet.net

Thanks,

Chuck N9OEQ

3914. Collins 180-S1 Antenna Tuner Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: Chuck Hanson <crhanson@pop.athenet.net>
Message-ID: <47p5jf$s7v@hermes.athenet.net>
Source record: 210538

Hello,
My name is Chuck. I am posting this message for a friend of mine. He is looking for some information on a Collins antenna tuner 180-S1. If you have any information pleas eE-mail me at: crhanson@athenet.net

Thanks, Chuck N9OEQ

3915. Wanted:: lafayette and allied catalogs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: bwilder@reallink.com
Message-ID: <47pmtg$89u@ferengi.prismnet.com>
Source record: 210539
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,sbay.hams

looking for lafayette and allied and heath catalogs
from 1958 thru 1965.

bobby

3916. Wanted: Mods For Yaesu FT-470 Handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: esvfj@csv.warwick.ac.uk
Message-ID: <47q629$7ur@holly.csv.warwick.ac.uk>
Source record: 210540

I have recently aquired a Yaesu FT-470 Handheld and I am interested to
find out any Mods for this radio.

Thanks

Mike

--
G7VVZ (esvfj@warwick.ac.uk)
--
><>**Michael Wilson***esvfj@warwick.ac.uk*****G-7-VVZ***<><
><>*******http://www.csv.warwick.ac.uk/~esvfj/**********<><

3917. Wanted: VBC 3000

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: orange_jm@atc.alcoa.com
Message-ID: <b87cb$620.1c4@news.sisna.com>
Source record: 210541

I want to buy a VBC-3000 made by Henry Radio some time back.

Please reply Email : orange_jm@atc.alcoa.com or
leave em a message here.

tnx de W3ZDF

3918. Goldstar OS 7040 'scope

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: Iain Massey <Iain@finalcut.demon.co.uk>
Message-ID: <815838542snz@finalcut.demon.co.uk>
Source record: 210542

Does anyone have the number of a dealer who may
be able to supply a schematic for the Goldstar OS 7040 Oscilloscope?

The problem is in the HT PSU (we think !)

Any help would be gratefully received.

--
Iain Massey

3919. Re: HELP WITH ACC 850 CONTROLLER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: gregkopp@en.com
Message-ID: <gregkopp-0811950916360001@l3-23.en.net>
Source record: 210543

In article <47o290$7jr@hsun27.chevron.com>, Elliot Steinberg
<ELLI@CHEVRON.COM> wrote:

> Thanks for your reply I received the manual and have been able to make
> all the changes at this time. It is a bit confussing to operate but it
> sure does a lot.
> 73
> Elliot...N6QHO

Our club has been using the 850 for quite some time now. It is a rather
obscure, yet powerful controller. If you have any questions I can answer,
let me know.

73 de Greg N8JMS

3920. Need info for AT-250 repair

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: white_hae@ccsua.ctstateu.edu
Message-ID: <1995Nov8.091727.1@ccsua.ctstateu.edu>
Source record: 210544

I have a Kenwood AT-250 automatic antenna tuner that appears to have a problem with the relays.... (it just sits there and whines....).

I need info regarding repair sites, procedures, etc.

Thanks in advance
Harry/N1QVE

+---- --- -- - - -- --- ----+
Harry White white@sleepy.ctstateu.edu white@csusys.ctstateu.edu
N1QVE Central Connecticut State University, New Britain, CT 06050
- -- -+- -- -
"The real meaning of the word _educate_ is _to lead the way out_." -Anais Nin
+---- --- -- - - -- --- ----+

3921. Re: Q: Looking for red/black zip cord

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Nov8102016@rinhp750.gmr.com>
Source record: 210545

If you need the wire quickly or don't want to deal with mail order
then you may want to try your local RV supply house.

--
Val Breault vbreault@gmr.com \ /| ars N8OEF
GM R&D Center - instrumentation dept. \ / | pres GM ARC
My opinions are not necessarily those \ /__| HF mobile on
of GM R&D or of the GM Corporation. \/ |___ 14.200 +/-

3922. Yaesu Email Address?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: Bill <76461.1515@CompuServe.COM>
Message-ID: <47qlcb$16k$1@mhafm.production.compuserve.com>
Source record: 210546

Does anyone know of an internet email address for Yaesu?
Thanks for the help.
Bill, KC6POF
email:76461.1515@compuserve.com

3923. ICOM R71A, WILLCO ICM-1024

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <47qnvq$1bd@mrnews.mro.dec.com>
Source record: 210547

Is this company still in business? I have called them twice and left messages but no return call.

Ken

3924. Re: ICOM W31A Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: dsc@ix.netcom.com
Message-ID: <47qvn2$eiq@ixnews7.ix.netcom.com>
Source record: 210548

In <47kaba$irl@ixnews7.ix.netcom.com> dsc@ix.netcom.com (David S. Cunningham) writes:
>
> I recently purchased an ICOM W31A handheld. I was wondering if
>anyone had information on any available mods for this radio. I could
>use the keypad sequence that opens up the receiver most of all.

Thanks for the response to this posting. I have received a number of E-mails with the information I was looking for.

> Thanks in advance.
>David Cunningham KD6GGN
>dsc@ix.netcom.com

3925. MODS for IC-2350H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: galdridg@iquest.net
Message-ID: <1995Nov8.143132.6770@inet.d48.lilly.com>
Source record: 210549

I have been told by ICOM that the mods for the IC-2340H will not work for the IC-2350H. However, many radio dealers have told me just the opposite. Does anyone know about this or have actual mods for the IC-2350H? I would appreciate any help on this.

3926. Re: Yaesu FT-ONE problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: dubner@spk.hp.com
Message-ID: <DHquyI.Jn1@hpcvsnz.cv.hp.com>
Source record: 210550

Butch Magee (butch@apollo.wes.army.mil) wrote:
: I did a boo-boo a few days back. Had my FT-ONE down on rtty and my 440
: up on county hunters. Well, a county I needed came up and I called and
: I hurt my Yeasu. It don't hear quite as well as it used to. The FT-ONE
: is my favorite, best filtering system ever, anyway...anybody have an idea
: what i might check for a home fix before I have to send it off to Yeasu
: for 2-3 or more months in the shop for them to fix?

Butch,

A couple of months ago when my homebrew KW sparced and arced, I also thought I had "fried" my FT-ONE. But it turned out that the input fuse had blown. Hopefully, you'll be just as fortunate.

I can't locate my service manual at the moment and am working from memory so please bear with me.

As I recall, the fuse is really a 14V low-current lamp bulb that is shaped like an ordinary glass cartrige fuse. It's in series with the receiver antenna input and is physically located near the antenna changeover circuitry. Because I didn't have the exact replacement part, I replaced mine with a low current fuse (probably 1/16 A.). Although it had several tens of ohms of resistance, the receiver sensitivity measured the same as before the "excitement". My fuse replacement will protect at a lower overcurrent level than the light bulb, for what that's worth.

73,
Joe, K7JD
Hayden Lake, ID

Joe Dubner K7JD | Hewlett-Packard Company | dubner@spk.HP.COM
| 24001 E. Mission Avenue |
| Liberty Lake, WA 99019 | +1 509 921-3514

3927. Re: Any TS-870 Owners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDHqrLF.4yz@netcom.com>
Source record: 210551

ga19989@evax02.d51.lilly.com wrote:
: Lew McCoy's review in November QST was much more complimentary to TS870 than
: what I have been seeing here in this newsgroup. He did NOT compare the receiver
: against (say) a TS850 with an audio DSP, so we still don't have apples and
: apples comparison relative to the comments here.

For an expensive rig they certainly didn't pay much attention to the
little details. For example, the RIT knob is about the cheeziest piece
of junk I've ever seen on any rig, including $40 CBs.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

3928. WTB: Kenwood 851 440 MHz Multimode

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-08 00:00:00 UTC
From: mhuhn@csc.com
Message-ID: <47r8f0$qpa@explorer.csc.com>
Source record: 210552

Looking for a clean Kenwood 851 440 MHz multi-mode mobile rig. Please email or call (410) 859-2852 with price and condition.

3929. E.F.Johnson 548 convert to 440 comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: mgarrett@prairienet.org
Message-ID: <47rk11$7j7@vixen.cso.uiuc.edu>
Source record: 210422

Thanks for looking in. I have come into posession of a E.F. Johnson 548 UHF
ht that is currently in the business band of 461/466 MHZ and I wish to
convert this rig down to the 444/449 ham band.
I would appreciate any comments from anyone who has tried to convert this
radio and what if any components need to be changed, what kind of crystal
specs you used and what supplier of crystals you obtained them from.
I used to work on these radios years ago but never attemped to convert one
down to the ham bands.
--
Mark Garrett mgarrett@prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NOAM

3930. Need info on how to program Yaesu FT-208R HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: lhebert@premier.net
Message-ID: <47rqv6$afk@hunter.premier.net>
Source record: 210423

I have a Yeasu FT-208R HT. I don't have a manual and can't figure out
how to program new frequencies into memory. Can anybody help?

Thanks!

Lloyd
KB5TQE

3931. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: Bill Kirkner <Billk@postoffice.ptd.net>
Message-ID: <DHrHtL.F6p@postoffice.ptd.net>
Source record: 210424
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

Hi Mike..

a Friend of mine has this Radio, could you please tell me how to do the
odd splits.. Please reply via e-mail ..

thanks Bill..73'smurso@fnalv1.fnal.gov (MURSO@fnalv.fnal.gov) wrote:
>In article <1995Nov4.164003.16064@atlas.tntech.edu>, jmg@tntech.edu (Jeff Gold) writes:
>>Anyone know anything about the new Radio Shack 2 meter mobile
>>rigs. They are on sale for $299 now and it sure looked good.
>>wonder who really makes it and how it compares to the other
>>current 2 meter mobile on the market.
>>73
>>
>>Jeff, AC4HF
>
>Jeff,
> I have had an HTX-212 almost since they came out. It has a few quirks
>that are just slightly annoying (You can't save out of band freq - like the
>weather broadcasts in memory.) I have had no problem and it is very easy to
>set up a repeater freq into memory. Even the odd splits (my home repeater has
>a 1.08M split) are not a problem. It does CTCSS both directions out of the box
>(Read no add-on board). It has good audio and a 30 memory selection is plenty
>for me. You do have to "OPEN UP" the transmit and receive (it is still in band
>however) to use many of the repeater that use a lower than RS allowed transmit.
>I talked to customer service and their response was that it was intentional and
>done to go along with a "gentlemens aggreement" on bandplan. The 10 watt low
>is a little higher power than I would like and the 45 high power is fine. The
>Squelch is a little wierd in the setting. 50% - 12 o'clock is just S1 on my
>radio. It is very hard to squelch out a moderate signal.
> All in all I would buy another for my wife, but I want to wait for the
>rumored "dual-band" mobile (and give my wife the 2m unit!)
> Mike KB9KFE

--
"Bill Kirkner" (billk@postoffice.ptd.net)
(n3pzabill@aol.com)
(n3pza@n3pza.ampr.org) AMPRnet
(n3pza@wb3fqy.#sepa.pa.usa.na) NETROM

3932. Icom 706 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: an364546@anon.penet.fi
Message-ID: <47se19$f7k$1@mhadg.production.compuserve.com>
Source record: 210425

Anybody know how to get this rig onto Gen. HF tx/Rx so my group
can work REACT with it on 27MHz.

3933. Re: Looking to purchase a COIL WINDING machine

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: Ranen Chakravorty <ranen@zoom.com>
Message-ID: <47u25u$7oi@stealth.romoidoy.com>
Source record: 210426
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.misc,sci.electronics,rec.radio.amateur.equipment,la.forsale,ca.forsale,misc.forsale.computers.pc-specific.systems,sci.engr.mech

I subscribe to a magazine titled "Coil winding international". I do not have it handy right now. If there is any particular make you are looking for let me know via return mail. I'll look it up.
Ranen

3934. Re: NEED CASH?!!...Don't You?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: rogerh@cris.com
Message-ID: <rogerh.503.003A503A@cris.com>
Source record: 210427
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.rad

>Give me a break!! The sad thing is that there are people out there that will
>actually do what you say and you will make money. Please don't post this crap
>here again. Scum like you will get it in the end...I believe you are what we
>all call a scam artist!!

>NO ONE FOLLOW THIS GUYS ADVICE!! SCAM ALERT ALERT ALERT!!!!

Everyone send him mail...Fill his box.

3935. INTERESTING NEW WWW PAGE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: donb@Direct.CA
Message-ID: <47s8l9$3ul@grid.direct.ca>
Source record: 210428
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Hello to all who read this message.

I am letting you all know about a new WWW page which is Ham Radio,
scanner &
satellite T.V. related.

The page is at "http://www.burnabyradio.com/ham/brc.html"

We are: Burnaby Radio Communications Ltd.
4257 E. Hastings Street
Burnaby, B.C. Canada
V5C 2J5
Phone: (604)298-5444
Fax: (604)298-5455
BBS: (604)298-3283

WWW: http://www.burnabyradio.com/ham/brc.html

Please visit us!!!

Thanks.

Don Boekenkruger
donb@burnabyradio.com

3936. Re: IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: Thomas Brockdorf <tbrock@execpc.com>
Message-ID: <47td9r$lkv@daily-planet.execpc.com>
Source record: 210429
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

Matthew <100751.1262@CompuServe.COM> wrote:
>Quick!
>I need first-hand, unbiased advice on the IC706!
>I plan to buy it v. soon if I do not hear any stinking reports!
>Help!

Mathew,
Don't be worried about buying the 706. It is an excellent radio!
I got mine last week, and I love it.
I have two comments.
I thought I had a transmit audio problem, but I played around
with the settings, and found this not to be true.
The only thing I would change on this radio if I could, would be
the fan. It runs all the time, and speeds up when you transmit. I
would rather see it temperature controlled, like my Icom 751A. I
think however, that it may have to be like it is in order to
maintain the small size of the radio, without large heat-sinks.
It is about the same noise level as a computer fan. Really not a
major problem though.
This radio has many great software features, and with 6M and 2M
all mode, it is like getting three radios in one.
Recieve audio is quite clear, I don,t detect any distortion (by
ear), like some of the other HF radios that have recently come
out.
Reciever sensitivity seems to be very good. On two meter FM, it
is better than my FM mobile rig (with the preamp on). HF also
very good.

73 de Thomas AA9IS

3937. Re: Help! IC-706 INFO NEEDED!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: gavin@swanston.demon.co.uk
Message-ID: <815940868.8634@swanston.demon.co.uk>
Source record: 210430
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.shortwave,uk.radio.amateur

Matthew <100751.1262@CompuServe.COM> wrote:

>Can someone please post some new, constructive info on the 706.
>Some people say it's great, some say it isn't.
>And some say nothing, of course.
>If anyone is in a position to inform me on this matter,
>please do so, paying particular attention to the HF performance
>out of band.

>Cheers, all.

>Matt.

>PS If I do not hear anything soon, I'm going to buy it anyway, so
>please reassure me that I will be doing the right thing. Post now!
>HHHHHHHHEEEEEEELLLLLLLLPPPPPPPP!!!!!!!!

There's a "user" review in the November issue of RadCom.

Gavin
GM0WDD
gavin@swanston.demon.co.uk
or
bdggcs2@caledonia.hw.ac.uk

3938. Re: IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov9.181811.7781@ke4zv.atl.ga.us>
Source record: 210431
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

In article <mwhite-08119515391000001@m14494-mac.mitre.org> mwhite@mitre.org (Michael White) writes:
>Matthew wrote:
>
>> Quick!
>> I need first-hand, unbiased advice on the IC706!
>> I plan to buy it v. soon if I do not hear any stinking reports!
>> Help!
>
>A friend of mine got one, and I've used it quite a lot. It's great; we
>both love it. There are some minor things we'd change if we were designing
>it, but certainly no show-stoppers. This friend of mine is very, very
>pickey about such things, and he's quite pleased with the 706. Just
>remember that it only has 10 watts out on 2 meters, and there is no DTMF
>keypad. It's really meant to be a 2 meter all-mode, not a general purpose
>mobile rig for chatting on the repeater. It will do that fine, it's just
>set up more like an all-mode.

There's an adapter cable you can buy that will allow you to use the Icom TT mikes with the rig. And 10 watts out is just right to drive my 10 in 160 out KLM amplifier. I like the radio a lot, but I have noticed a couple of quirks. I don't like the dumb duplex system that doesn't understand we need + offset as well as - offset to accomodate repeaters in the 147 MHz segment. Ideally, the softkey would cycle through + - and reverse, but instead you have to go to the initial set menu to change the offset from - to + (or just enter all the + split repeaters as split frequencies rather than duplex frequencies using the quick split function). Icom should update the firmware to allow cycling the duplex split, however. And the noise blanker seems ineffective on powerline noise, though it works on ignition noise. A variable sensitivity adjustment would be helpful, could be done with a softkey.

On HF, though, it's a dream. I love the 1 Hz tuning, and the ability to slow the tuning rate to 1/4 normal for digital. Tuning steps are selectable at 1 Hz, 10 Hz, 1 kHz, and 1 MHz. I wish they hadn't skipped 100 Hz, that would be useful for rapid band scans. 1 kHz is too coarse for anything other than rapidly tuning to a selected band segment and then shifting back to 10 Hz or 1 Hz. (Another firmware change.)

The IF shift is nice, love the graphic display, but I still miss having PBT too so I can infinitely vary the bandpass. The optional FL-100 500 Hz filter is *essential*. The CW-R feature is novel, and useful (there's even a built in keyer if you go for that manual stuff (it'll even operate off the mike up/down buttons if you don't have paddles), I let the computer

deal with sending and receiving Morse so this is all moot to me). I've also found the memories useful, contrary to my expectations. I've got several popular HF digital frequencies programmed, and I can scan them for activity. TR is fast enough for AMTOR, or any other digital mode, and the radio continues the fine Icom tradition of good thermal design, though I was dubious about that at first due to the small heatsink. The little fan makes it work, but that fan runs *all* the time, and that can be annoying when just monitoring at a quiet location. A thermostatic switch ought to be added.

And I appreciate the WFM mode, even if it isn't stereo. I can monitor the aural VHF TV carriers as well as commercial FM broadcast. The FM broadcast reception is only a novelty in a vehicle with an AM/FM radio, but being able to monitor TV audio is useful.

Intermod problems have been minimal, though use of the preamp/attenuator switch is required at times to handle the dynamic range. My IC735 is better in this regard, and the crunch proof FT-900 is better still. Without seeing a schematic (none included, major bummer) I don't know if dynamic range can be easily improved or not. I like the big easy to read display, but find the [TS key a bit too close to the tuning knob. I'm always bumping the tuning when accessing the TS key. I don't use the lock key, but if I did I expect I'd be complaining about its location too. There's a two position dial friction adjustment, and that serves well enough to prevent accidentally knocking the tuning off frequency.

One of the best features of the rig is the ability to hook the microphone to the main unit while remote mounting the head. This gets the mike cord out of the way instead of tugging at the control head and tangling with the steering and shift levers. (You can mount the head at a convienent spot on the dash while stashing the main unit under the seat and bringing the mike cord up from there.) OTOH, if you trunk mount the main unit, you don't have to run a separate mike cable, instead you *can* plug it into the head. That flexibility is a nice touch.

The little internal speaker is *little*. It's Ok in a quiet vehicle, but an external speaker is better (and necessary if you remote mount the main unit). Icom offers a good external speaker, or you can do like I do and use a Motorola speaker. Of course there's a C-IV interface, and an accessory connector that brings out most everything you could imagine needing. There's a separate FSK jack too. This radio is a portable/mobile digital operator's dream come true.

If it covered 70cm, it would be good for satellite operations also. However, the addition of a MMT432S or SSB Electronics transverter takes care of that little omission (It'll do mode A without the transverter, but you need the 70cm transverter for mode B or J). With the very flexible split ability it has, the 706 can drive the transverter from 10 meters while also operating 2 meters. (Don't forget to put 10m into QRP power level to avoid frying the transverter. Very nice feature is that power level can be programmed band by band.) The only flaw is that you can't listen to the downlink at the same time

you're transmitting. That's a fairly serious problem. Ideally, the radio would have dual band duplex capability so you could monitor 2m while transmitting to the transverter on 10m (or better, have 70 cm capability built into the 706). Now *that* would make the radio *perfect*. :-)

For those who like to scan VHF Hi-band, we've discovered a mod that restores sensitivity, but at the cost of reduced sensitivity below 120 MHz. Icom should really make a firmware mod so that isn't necessary. The preselector filter should switch automatically when you tune the different ranges.

To sum up, this is a very nice radio, and at a very nice price considering what things cost today. I'd make a few firmware changes, and move a couple of buttons half a centimeter if I could (and I hope Icom considers doing at least some of the firmware changes I've suggested), but I'm pretty happy with the radio as it is.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3939. Re: J POLE ANTENNA Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DHsoM7.4B0@netcom.com>
Source record: 210432
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <charles1DHso2z.3Hy@netcom.com>,
charles copeland <charles1@netcom.com> wrote:
>
>From: N6DCD@KB7WE.#WWA.WA.USA.NOAM (packet)

I have two questions about making a J pole.

1) The plans show that the entire J is made of copper with
no insulating material between the two legs. The antenna
connects between the two legs. Wouldn't this short out
the transmitter?

2) How does a J pole rate with other antennas? 1/4 wave ground plane?

3940. IC-736 info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: leon@gate.net
Message-ID: <47rjkd$19rg@news.gate.net>
Source record: 210433

Anyone have any information on mods for the IC736? I am looking at
getting one to replace my original TS-520. What about the PC and
satellite interfaces? Anyone have any info on them?

many thax
73 leon wa4zlw

3941. Value of Kenwood TS820

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: jeff@vaxxine.com
Message-ID: <jeff.1.0083CC0A@vaxxine.com>
Source record: 210434

Hi all. I was hoping that somebody would be able to tell me the approximate value of a Kenwood TS820.
A friend of mine is looking for one, and the prices seem high to him. He would like the remote VFO as the only necessary option.

That leaves it as a Kenwood TS820 with the Remote VFO. If you could give me an approx value, it would be greatly appreciated.

Tnx. 73 de Jeff - VA3JFF

3942. Re: Active Antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: John Lloyd KE4UTX <jlloyd@raleigh.ibm.com>
Message-ID: <47su83$1ta6@sernews.raleigh.ibm.com>
Source record: 210435
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I use an active antenna for listening to Shortwave Stations. The model is a Datong AD-370. It works well with not too much "HUM" or other generated noise. I have never used it in the ham bands for the obvious reason - transmitting into an active antenna will fry the antenna!

John

P.S. Glad to see someone from Clemson reading this group. I have a couple of degrees from there.

--
John Lloyd
Email - jlloyd@raleigh.ibm.com
Phone - 919-254-8021
Radio - --... ...-- -.. . -.- . ....- ..- - -..-

3943. ARK-40 QRP Transceiver Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <47t31k$bjg@pacific.mps.ohio-state.edu>
Source record: 210436

I've recently completed a modification to my ARK-40 QRP transceiver, by S&S Engineering, which I'm happy to make available to anyone. The ARK-40 is a frequency synthesized CW 40meter transceiver, with an outstanding receiver, QSK, built-in keyer, etc. It is built like a tank. Its one major flaw is the tuning mechanism --a series of thumbwheel switches--which make it difficult to tune.

My modification replaces the thumbwheel switches with an optical shaft encoder and an LCD display. A Basic Stamp BS2 microcontroller controls the logic. There are two tuning modes: a 1 kHz per step (32kHz/revolution) mode, in which the frequency is displayed on a moving "bandspread dial" which scrolls across the LCD as the encoder is turned. The second mode is a 100Hz/step (3.2kHz/revolution) mode, in which the frequency is displayed digitally on the LCD. One toggles between the two modes by pushing the momentary switch on the encoder. The modification has only three components: the Stamp BS2, the encoder (a Grayhill 32 position encoder -- Digikey part no. GH6102-ND), and a Scott Edwards LCD Backpack.

The mod seems to work flawlessly, with no discernible interference from the microcontroller (whose clock speed is 20MHz). The cost of the three parts is about $120, which ain't cheap, but not out-of-line considering that the ARK-40 is a high-end transceiver.

I'm happy to send the software listing for the modification to anyone who wants to upgrade their ARK-40. If you buy a Stamp BS2, the software can be downloaded through serial port on a PC. (Parallaxinc.COM is the URL for the company that makes the Stamp, and their editor/programmer package can be downloaded for free.) Jim W8ZR

3944. Re: Icom 706 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: rhuffman@freenet.columbus.oh.us
Message-ID: <47t6hh$lkq@acme.freenet.columbus.oh.us>
Source record: 210437

an364546@anon.penet.fi (100553.1214@CompuServe.COM) wrote: : Anybody know how to get this rig onto Gen. HF tx/Rx so my group : can work REACT with it on 27MHz.

Subject: (fwd) Icom IC-706 MARS/CAP Mod (here it is!)

From: kg7fu@aol.com (KG7FU) Newsgroups: rec.radio.amateur.equipment

Subject: Icom IC-706 MARS/CAP Mod (here it is!) Date: 30 Oct 1995 10:44:17

MARS/CAP Modification for ICOM IC-706:
Tools required:
1) #0 Philips head screwdriver
2) 10 - 15 watt pencil tip soldering iron
3) Magnifying glass
4) Tweezers

Remove the TOP cover by removing three philips head screws on the top and one on each side. Move the speaker bracket out of the way. Locate D-59, this is a three terminal SMD diode in an SOT package, about 1 x 3 mm (with the radio front panel oriented towards you, D-59 is located in a row of SMD diodes just to the right of the ribbon cbale header above the 9 MHz SSB filter FL-30. There are pads for 5 diodes with only three installed. D-59 is the second from the left). Useing tweezers and a low-wattage soldering iron (and magnifying glass, if necessary) remove D-59 by appplying some heat to the single leg side of the device while lifting gently, then apply heat to the other two legs and removing the device. Be careful not to apply too much heat, not to rip or burn any traces or not to leave excess solder on the PCB. Replace the speaker bracket and top cover. Apply power and reset the microprocessor.

TX = 1600 kHz - 54.00 MHz and 118.000 - 174.000 MHz

De James KG7FU kg7fu@kb7ogd.or.usa.noam kg7fu@aol.com
--

I tried it and it works.

eyago
Rick
--

3945. Re: Value of Kenwood TS820

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <47taqb$lrh@safety.ics.uci.edu>
Source record: 210438

On the West Coast swap nets the TS 820 will go for between $350-$400 US I believe, depending on options. A VFO 820 seems to go for under $100 in any case, and sometimes gets thrown in with the deal. These are normal cases I see. Bargains come in under that.

Have your friend make darned sure that the Display works properly - that is a known weak point (that can be fixed). Also make darned sure that the final tubes are in good shape, like over 100 watts output on the higher bands. The tubes cost money these days :-) .

Good luck.

Clark
WA3JPG

3946. For Sale: IFR 500A Communications Service Monitor

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: wildcat@teleport.com
Message-ID: <47tc31$elg@maureen.teleport.com>
Source record: 210439

For Sale: IFR 500A Communications Service Monitor.
Very nice shape, has only one owner - me. Not used for business. Has
optional TCXO. Comes with all manuals and carrying case.

This is a nice piece of equipment that is also small and light. Great for
in field use. Price $4000.00

If serious please give me a call, I'm in Portland, Oregon.

Ken Rea
(503) 639-0828

--
wildcat@teleport.COM

3947. Re: HELP: New Ham needs advice on VHF Multi-mode

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <47tc98$12ps@watt.oedison.com>
Source record: 210440
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc
Body handling: 1 inline base64-encoded payload block was not displayed

On 9 Nov 1995 13:15:47 GMT moritz@ipers1.e-technik.uni-stuttgart.de ()
wrote:

>>After reading the ARRL Operating Manual, I've become interested in the
>>VHF/UHF bands. I'm probably not the "rag-chewer" type, so I'm interested
>>in SSB/CW operations.

>Welcome to this great field of amateur radio.

>>Which equipment would get me started?

>For VHF/ UHF work you need 3 ingredients, in order of their importance:

>1) a good location: A small yagi on a hill top works better than the biggest
>array in a valley.

>2) a good antenna: a 10 element yagi is fine, not only to get started but
>for general work.

>3) a radio: well, obviouisly.

>>Example: A local (Seattle) shop has a Yaesu FT-290 (I thinks
>>that is the correct model) 2 meter multi-mode for $375.

>The current model is the FT290-RII, with the detachable battery pack
>(can be replaced by a linear). It is a *lousy* radio, but still one of the
>best buys to get started. Do however not use it with a 100 + watt linear,
>the TX signal is not very clean and you will be heard on the entire band.
>I am currently using mine to operate 6m and 23 cm transverters,
>and I am quite happy with it.

>There are many articles and mods available, e.g. in packet mail boxes.

>>How old is it? It came out around 1986

>73, Moritz DL5UH

Moritz hit it on the head on the 1,2,3 approach.

On the FT-290, I don't know about lousy, but you get what you pay for.
Considering its age and size, its not too bad of a radio. I recommend a
pre-amp, a small power amp or combo. I agree with Moritz, that I wouldn't
plug it into a 100+ watt unit. That price isn't terrible, but isn't great
either. The new version of the radio (FT-290RII) runs about $650 - $675
street price, and INCLUDES a detachable 25 watt linear amp for the price.

I've got a FT-290R (VHF) and the newer FT-790RII (UHF), and have had pretty good luck with both. I use the pair for OSCAR work on AO-10, AO-13, and FO-20. My setup is pretty average (or below) for an Oscar station, and I can hear and work anything and everything my friend across town can with his $1800 FT-760 and better antennas.

For reference, I'm using:
UHF:
Cushcraft 38 ele 432 MHz cross yagi
no pre amp
no power amp (790RII has 25 watt output)

VHF:
Homebrew 14 ele 144 MHz cross yagi
el-cheapo 15db gain bipolar noisy pre-amp
Mirage 30 watt power amp

Good luck!

John Wagner wagnerj@watt.oedison.com

Version: 2.6.2

[Inline base64-encoded payload not displayed]

=WVd9

3948. Collins S-Line

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: techmar@ix.netcom.com
Message-ID: <47rlba$mc8@ixnews6.ix.netcom.com>
Source record: 210441

I have a collins S-line that I am not using.. It is a 75S1, 32S1,
30l1 Linear w/ power supplies, speakers cables & books. Located in the
Westchester NY Area. Does anyone know a ham that is interested?

W2EHW
Murray
respond to: Techmar@ix.netcom.com

Thanks.

3949. Re: FT1000/D Upgrades

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <47t2sm$f4u@usenet.continental.com>
Source record: 210442

How long has Yaesu been making PIN diode modifications to their FT-1000D?

-Paul, N9AZ

3950. Mirage 10 in 80 out actual output

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: mckee@fc.hp.com
Message-ID: <47thuc$33g@fcnews.fc.hp.com>
Source record: 210443

I'm looking for a 2M amp, and am looking at the mirage which is rated for 10 in, 80 out. I'm wondering if anyone who has one could post any data on what outputs they actually are seeing for given inputs. I'm particularly intersted in what output you get with 5, 10, and 12W in.

Thanks es 73,

Bret
N0MTA

3951. Use of inputs on ICOM BP8/CM8 batt packs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDHrBH0.96J@netcom.com>
Source record: 210444

Have a couple of these battery packs. They charge/work fine on the BC35 charger, but I'd like to know what the usage is for the two separate inputs "DC 13.8V" and "WALL CHARGER".

Does the 13.8V DC input power the attached radio AND charge the battery?

What is the power input necessary for the "WALL CHARGER" input? Will the wall charger that as intended for the BP-3 work?

BTW quite happy with my new HTX202 HT!

73 Dave WB0GAZ dgf@netcom.com

3952. Re: Need Info: ICOM IC-W31a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: lube@accessone.com
Message-ID: <lube-0911951303360001@flowmole.accessone.com>
Source record: 210445

In article <Keith.530.0011CA0E@unix.asb.com>, Keith@unix.asb.com (Keith Knipschild - LI ,N.Y) wrote:

> Iam interested in the ICOM IC-31a HT, I checked it out at a local
> HamFest, and was impressed with the UHF Reciever , especially
> out of band (478MHZ)
>
> Are there any MODs Yet for this Radio, (TX on Extended UHF)

There's a hardware mod for extended TX (I *think* it's removing diode W21 - but would have to check). Extended RX is to hold down "B" and "#" for about 2 secs. on power on.

Standard disclaimers apply.

Mike

3953. ALERT! IF-10Bs now available!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <47thdp$dov@omnifest.uwm.edu>
Source record: 210446

Kenwood's Amateur Products Division has just issued a letter saying that the IF-10B has again maufactured "one time only [a] limited supply".

Boy, they're not kidding! There are only two parts distributors listed in the Kenwood letter. When I called the east coast disributor, I was told that they only received TWENTY (yes, 20, not 20,000 or even 2,000) IF-10Bs. So if you're interested in picking one up, you'd better call SOON.

Here are the distributors:

Pacific Coast Parts (800) 262-1312 or (310) 515-0207 (fax is 538-4919)
15204 Staff Court
Gardena, CA 90248

hours: 8:00 AM - 4:30 PM, PST

-and-

East Coast Transistor Parts, Inc. (800) 776-2626 or (516) 483-5742 (fax -5904)
2 Marlborough Road
West Hempstead, NY 11552

hours: 9:00 AM - 5-30 PM, EST

I know that the East Coast distributor (at least) accepts credit cards.

73,

Rick WB9GYT
Milwaukee, WI

3954. Siemens

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: wandal@world-net.sct.fr
Message-ID: <47tse8$7ip@aldebaran.sct.fr>
Source record: 210447

Anyone out there tried the Siemens shortwave receiver?????
I'd appreciate any information about it.

3955. Re: Best Cw filter for TS850?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: jan.anker@ping.be
Message-ID: <jan.anker.105.0017D986@ping.be>
Source record: 210448

In article <herbrDHqM4o.Cs8@netcom.com> herbr@netcom.com (Herb Rosenberg) writes:

>I am interested in hearing comments regarding whether to use the 250 or
>500 Hz filter for CW in the kenwood TS850?
>herbr@netcom.com
buy 2 filters 500hz
8.55MHz and 455khz.
with slope tune you can create any filter between 0 and 500hz .
good luck!

3956. Need Mods For Icom IC-736

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: yingst@knighted.com
Message-ID: <47u3gl$les@crier.knighted.com>
Source record: 210449

Does anyone have any mods for the ICOM IC-736? I'm looking for a way to
turn the pre-amp back on below 1.6 Mhz.
Icom turns it off even though it the light says it's on.
I would like to listen for some lowfer stations 1750 meter band
(160-190 kc. 1 watt into a 50 ft antenna). I'm also looking for a way to
improve the recieve audio.
The recieve audio sounds flat and distant, lacking highs & lows.
With the notch filter ON the audio sounds a little better,
but it still could use some improvement.
They re-shape the audio through the notch filter,
and it actually has a nicer sound with the notch filter on
(Has more highs & lows).
I had a IC-737 that had the same problem with the audio,
just not sounding quite right. I am also interested in any other mods
for the Icom IC-736. Please send any replies to yingst@knighted.com Note:
If you post a reply into this newsgroup I proably wont get it,
my internet provider only holds news for 1 day. Thank You. Harry
N6VUJ

3957. anyone with info on pirate systems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: tateg@fay.infi.net
Message-ID: <N.110995.185103.13@tateg.fay.infi.net>
Source record: 210450

I have a friend from Honduras who would like to setup a local FM (commercial type in the business freq. range) radio station in Honduras that will cover about 20 to 30 kilometers. He has shopped around for equipment here in the States but can't find anything. Does anyone have any suggestions of where to look, price, or setup?

Does anyone have any experience in this type of system.

3958. Advertise and announce events on the web for free.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: pp000738@interramp.com
Message-ID: <75917.pp000738@ipiws-001.interramp.com>
Source record: 210451

OVERDRIVE

Overdrive has a free Worldwide Classified Advertising
Database that is available on the Worldwide Web.
It works just like a newspaper classified advertising
section and is FREE for all to use. You can post an
advertisement of your own, update and delete it.
Sections include:

Announcements and Services
Training and Education
Employment
Financial
Pets and Livestock
Computer & Communications Merchandise
General Merchandise
Real Estate for Rent
Real Estate for Sale
Manufactured Homes
Transportation

When you enter an Ad, you are prompted for a password.
When the record is created, you receive the record
id for your ad. Later, you may update or delete that
ad using the combination of your password and record
id.

Web travelers can search for Ads based on Classified
Section, price, manufacturer, model, etc.

OVERDRIVE can be found at http://www.ipworld.com

3959. PRC-47 LSB Mod????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <47tbhh$nad@ixnews4.ix.netcom.com>
Source record: 210452
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I read somewhere that a mod for adding LSB to the PRC-47's USB transmit/receive exists. Anyone know anything about this? The name of the company that supplies the kit, parts, schematic, whatever?

Thanks!!

John
KE6TGN

Only a Tech, but working on the General . . .

3960. WANTED: Drake UV3

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: Eric Robitaille <ericr@earthlink.net>
Message-ID: <47trgr$dlo@mars.earthlink.net>
Source record: 210453

I am looking for a Drake UV3 (vhf-uhf). Anyone selling, or knowing of someone selling one of these radios, please contact me.

Eric Robitaille
Ericr@earthlink.net

3961. Mods for Icom IC-736

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-09 00:00:00 UTC
From: yingst@knighted.com
Message-ID: <47u476$les@crier.knighted.com>
Source record: 210454
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

From: yingst@knighted.com (Harry Yingst)
Subject: Mods for Icom IC-736
Date: 9 Nov 1995 23:52:06 GMT
Organization: Knighted Computers
Message-ID: <47u476$les@crier.knighted.com>

Does anyone have any mods for the ICOM IC-736? I'm looking for a way to
turn the pre-amp back on below 1.6 Mhz.
Icom turns it off even though it the light says it's on.
I would like to listen for some lowfer stations 1750 meter band
(160-190 kc. 1 watt into a 50 ft antenna). I'm also looking for a way to
improve the recieve audio.
The recieve audio sounds flat and distant, lacking highs & lows.
With the notch filter ON the audio sounds a little better,
but it still could use some improvement.
They re-shape the audio through the notch filter,
and it actually has a nicer sound with the notch filter on
(Has more highs & lows).
I had a IC-737 that had the same problem with the audio,
just not sounding quite right. I am also interested in any other mods
for the Icom IC-736. Please send any replies to yingst@knighted.com Note:
If you post a reply into this newsgroup I proably wont get it,
my internet provider only holds news for 1 day. Thank You. Harry
N6VUJ

3962. Re: Where can I get a MOTOR SPEED control foot pedal? how does it work?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: gwhite@tiac.net
Message-ID: <47ut4f$864@sundog.tiac.net>
Source record: 210455
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.misc,sci.electronics,rec.radio.amateur.equipment,sci.engr.mech,rec.crafts.misc,rec.crafts.metalworking
Body handling: HTML body converted to readable text

In article <47u970$k7q@gap.cco.caltech.edu>,
lbliao@alumni.caltech.edu (lbliao) wrote:

3963. Re: NEED CASH?!!...Don't You?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: Jimmy_Nelson@radian.com
Message-ID: <47u6ge$7c3@zippy.radian.com>
Source record: 210456
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

Give me a break!! The sad thing is that there are people out there that will actually do what you say and you will make money. Please don't post this crap here again. Scum like you will get it in the end...I believe you are what we all call a scam artist!!

NO ONE FOLLOW THIS GUYS ADVICE!! SCAM ALERT ALERT ALERT!!!!

3964. Re: NEED CASH?!!...Don't You?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: jmrubin@ix.netcom.com
Message-ID: <47uejf$gh8@cloner2.ix.netcom.com>
Source record: 210457
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

In article <309FBFAE.6F6A@hawaii.edu>, backman@hawaii.edu says...
>
>BEGIN -- Cut Here -- cut here
>Before you start thinking oh no not one of these, take the time to read
this
>completely. Just save and print it out or print it out for later but
you
>really need to pay attention to this. Ready? OK here we go!
>
>I thought these things were scams also but in the last week I received
>$50,000. in the mail from people around the world. I don't know about
pyramid
>schemes or anything like that but I do know I made $50,000 and all it
cost me
[snip]
> This list will become more valuable as it grows in size. This
is a
>service. And IT IS PERFECTLY LEGAL! If you have any doubts as to the
legality
>of this service, please refer to Title 18,h sections 1302 NS 1341 of
the
>Postal Lottery Laws.
>
Well, unfortunately, the U.S.P.S. disagrees with you about the legality
and the statistics professors out there at the University of Hawaii will
be glad to tell you that chain letters require more people than the
population of the earth to succeed more than a few levels.

Here is what the U.S.P.S. has to say:

ftp://garbo.uwasa.fi/pc/docs-net/chain.txt:

" FROM THE UNITED STATES POSTMASTER GENERAL:

Chain Letters

A chain letter is a "get rich quick" scheme that promises that your mail
box will soon be stuffed full of cash if you decide to participate.
You're

told you can make thousands of dollars every month if you follow the detailed instructions in the letter.

A typical chain letter includes names and addresses of several individuals whom you may or may not know. You are instructed to send a certain amount of money--usually $5--to the person at the top of the list, and then eliminate that name and add yours to the bottom. You are then instructed to mail copies of the letter to a few more individuals who will hopefully repeat the entire process. The letter promises that if they follow the same procedure, your name will gradually move to the top of the list and you'll receive money -- lots of it.

There's at least one problem with chain letters. They're illegal if they request money or other items of value and promise a substantial return to the participants. Chain letters are a form of gambling, and sending them through the mail (or delivering them in person or by computer, but mailing money to participate) violates Title 18, United States Code, Section 1302, the Postal Lottery Statute. (Chain letters that ask for items of minor value, like picture postcards or recipes, are may be mailed, since such items are not things of value within the meaning of the law.)

Recently, high-tech chain letters have begun surfacing. They may be disseminated over the Internet, or may require the copying and mailing of computer disks rather than paper. Regardless of what technology is used to advance the scheme, if the mail is used at any step along the way, it is still illegal.

The main thing to remember is that a chain letter is simply a bad investment. You certainly won't get rich. You will receive little or no money. The few dollars you may get will probably not be as much as you spend making and mailing copies of the chain letter.

Chain letters don't work because the promise that all participants in a chain letter will be winners is mathematically impossible. Also, many people participate, but do not send money to the person at the top of the list. Some others create a chain letter that lists their name numerous times--in various forms with different addressee. So, in reality, all the money in a chain is going to one person.

Do not be fooled if the chain letter is used to sell inexpensive reports on credit, mail order sales, mailing lists, or other topics. The primary purpose is to take your money, not to sell information. "Selling" a prod-

uct does not ensure legality. Be doubly suspicious if there's a claim that
the U.S. Postal Service or U.S. Postal Inspection Service has declared the
letter legal. This is said only to mislead you. Neither the Postal Service
nor Postal Inspectors give prior approval to any chain letter.

Participating in a chain letter is a losing proposition. Turn over any chain letter you receive that asks for money or other items of value to your local postmaster or nearest Postal Inspector. Write on the mailing envelope of the letter or in a separate transmittal letter, "I received this in the mail and believe it may be illegal."

3965. Re: Radius Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: dballoch@iac.co.jp
Message-ID: <47u8t0$djt@news.sphere.ad.jp>
Source record: 210458

In article <475ba5$hlg@treasure.coastalnet.com>,
cn1135@abaco.coastalnet.com says...
>
>Can a single VHF Motorolla Radius be converted for repeater use?
>
>Mark Prescott KE4LWP cn1135@abaco.coastalnet.com 919-745-5132(fax)
>
Unless bright spark in Motorola knows otherwise, the answer is no.

Nearly all land mobile rigs use the same PLL for transmit and receive, the VCO's being switched under PTT/CPU control. For a repeater you need both transmit and receive at the same time. One solution is two use two radios, one for TX and the other for RX with some glue logic for COR and ident (as many have done), like the Radius Repeater.

The problem is that most mobiles are designed with wideband receiver front ends so that they can do a wide switching bandwidth for multichannel operation. Heavy duty repeaters base stations, on the other hand, usually have a narrow front end with an effective preselector, and are usually only operational on one fixed channel. You could use an external filter with a repeater mad up from two mobiles but by the time you do all of that you might be better to buy a second hand heavy duty repeater.

Like most things, it all depends on what you have to hand, how much you are willing to spend and the site you have in mind.

73,s

David Balloch

3966. Re: WANTED: Icom 725 MODS for 11 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <47ucej$1726@firehose.mindspring.com>
Source record: 210459

In article <47nqn0$jr1@newsbf02.news.aol.com>, dedelvis04@aol.com says...
>
>If there is such a thing please let me know where I can find it.

According to my mod book you need to open the top and bottom cover, locate the PLL board and cut diode D5. You then reset the microprocessor by holding [function] & [MW] and turn power on.

This should work on the IC-725A and IC-726A. Make sure you keep the power level legal. enjoy!!!!

I am NOT responsible if the thing smokes!

3967. Re: WANTED:RCA Ribbon Mic

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: thomas.g.booth@den.mmc.com
Message-ID: <thomas.g.booth-091195202951@160.205.101.24>
Source record: 210460

In article <47lc4d$dcs@news.nucleus.com>, 107 KIK FM <kikfm@nucleus.com>
wrote:
>
> I am looking for a RCA 44 or 77DX ribbon mic,like the one used by Larry
> King on Cnn.
> I am willing to pay top dollar for the right one,so if you have
> one,or know the whereabout I could find one,i would appreciate
> hearing from you.
> Thanks for your time.

You might try reposting your question to the rec.audio.pro newsgroup, or
alternatively, the rec.radio.swap newsgroup.

TGB

\\ The opinions expressed herein are my own. //

3968. Re: J POLE ANTENNA Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: raiar@inlink.com
Message-ID: <47vpon$l05@news1.inlink.com>
Source record: 210461
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

charles1@netcom.com (charles copeland) wrote:

>In article <charles1DHso2z.3Hy@netcom.com>,
>charles copeland <charles1@netcom.com> wrote:
>>
>>From: N6DCD@KB7WE.#WWA.WA.USA.NOAM (packet)

>I have two questions about making a J pole.

>1) The plans show that the entire J is made of copper with
>no insulating material between the two legs. The antenna
>connects between the two legs. Wouldn't this short out
>the transmitter?

At DC YES,
But at VHF/UHF Frequencies, anything below the connect point is
invisible to the radio.
Many dipoles use a shorted tuning stub even on HF antennas!

>2) How does a J pole rate with other antennas? 1/4 wave ground plane?

A standard J-Pole is a single 1/2 wavelength element, or twice that of
a 1/4 wavelength antenna. A STACKED J-Pole are two 1/2 wavelength
antennas in phase, or four times that of a 1/4 wavelength antenna. A
MIRROR Image J-Pole is effectually three 1/2 wavelengths long or six
times a 1/4 wavelength antenna.

Gary - KG0ZP

3969. Re: IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov10.144331.12131@ke4zv.atl.ga.us>
Source record: 210462
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

In article <JJO.95Nov10081221@ds10.tekla.fi> jjo@tekla.fi (Jari Jokiniemi) writes:
>I would slightly disagree on IC-706 being really that good. The SSB
>filters are poor. The radio gets into trouble when trying to
>dig a DX under a pile-up or when running a contest. Also the front end
>does not seem to behave well when someone is running a KW nearby, so
>multi-multi operations using IC-706's are out of the question. To be
>fair, the other small radio I've ever tried (TS-50) behaved just the
>same way. I would say that the new Icom is a good deal for the common
>operator, it is also very handy radio for a one man DX
>pedition. DX hunters and those runninng contests should consider other
>radios (did I say a second-hand IC-735).

You're right, the 706 is no 735. I've been operating the two side
by side for a few days now. The 735 has better dynamic range, better
filters, and has PBT to let you tailor the filter bandwidth to suit
the signal you are copying. But you can upgrade the 706 filters,
the dynamic range problem is somewhat manageable with artful use of
the preamp and attenuator, and the radio is more convienent to
operate than the 735, and certainly easier to use mobile. All the
mods for this radio so far have been to improve out-of-band performance,
but when the schematics are finally available, I hope some mods will
be forthcoming to enhance its dynamic range. That's the *real*
drawback to this otherwise excellent little radio. (For mobile use,
which seems the primary niche for this radio, the lack of dynamic
range isn't as much of a problem because the antennas are inherently
narrow banded and have limited sensitivity. So dealing with huge
signals out of band isn't as much of a problem.)

With the optional 500 Hz filter, this little radio is a digital
operator's dream. Everything you need is brought out the back,
and the slow tuning is a godsend compared to the coarse and
quick tuning of the 735. Even tuning a Clover signal is a
piece of cake. You don't have to hold your breath while
nudging the knob like you do with the 735. And of course
having 6m and 2m allows you to do meteor scatter packet on
6m and regular terrestrial packet on 2m. I haven't tried
9600 baud yet (we don't use 9600 on 2m around here) but
I'm going to do some experiments this weekend to see what
the BER looks like. With a 70cm transverter, the radio
even does an acceptable job with amateur satellites, though
lack of full duplex capability is a limitation.

Gary
--

Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

3970. Re: J POLE ANTENNA PLANS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <47ve6p$3pm@info4.rus.uni-stuttgart.de>
Source record: 210463
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <charles1DHso2z.3Hy@netcom.com>,
charles copeland <charles1@netcom.com> wrote:

Hello,

This is a very detailed description, which will surely inspire
many newcommers to build their own antenna. But particularily
for this reason, the shortcommings should be pointed out:

Although copper tubing is quite cheap, when you add up the
price for all the bits...

Not to speak of the additional material needed to weatherproof the
upen coax feed.
(a gp from simple stiff copper wire on a coax socket and plug is
better in this respect)

>6. Clean and paint the antenna if desired. White paint minimizes expansion
>and contraction.

Well, the author seems to believe that thermal expansion matters
for such an antenna. It is not.

>7. Route the coax and tape it to the mast to make it look neat.

He does not realize that the feed line can interact wit the stub,
and therefore it should be brought out at a right angle.

>NOTE: While theoretically a J-Pole is an omnidirectional antenna, You may
>find (many of us have) that it does have a small amount of directivity.
>Rotating it while checking field strength may prove interesting.

Theoretically the J-Pole is an antenna which requires a *symmetric*
feed. Using it without a balun does create problems, although not always
noticed.

73, Moritz DL5UH

3971. Re: Icom 706 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <47vhh7$j3r@newsbf02.news.aol.com>
Source record: 210464

>Anybody know how to get this rig onto Gen. HF tx/Rx so my group
>can work REACT with it on 27MHz.
>
That's not legal, even for REACT. Why not use a type accepted legal CB radio? Illegal CB activity has caused amplifier restrictions to be placed on Hams. All we need is for easy mods that allow violation of the equipment approvial to be stupidly posted in public forums, and a bunch of CB'ers to get in trouble with the rigs. Then legitimate users (ie. MARS or test bench applications) will be screwed up. Next thing you know, we may not be able to buy radios for use on ten meters!

After all, FCC rules do require that radios (and amplifiers) are not readily converted to violate equipment restrictions. Nearly anyone should be able to get a license. Only lazyness or gross stupidity would prevent it. I hope everyone has enough common sense to refuse to help you with your misplaced question.
Tom

3972. iCOM R1

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: steveg@kcbbs.gen.nz
Message-ID: <3695313.43127.21385@kcbbs.gen.nz>
Source record: 210465

HI ppl,
I am after a handheld scanner, and was thinking of getting
one of these babies. Are they any damn good is what I wanna know?
Do Icom do any good desktop scanners, or are most scanners these days
being made as handhelds?

Al
P

--

Email: steveg@kcbbs.gen.nz :::: :::
Hoiwck, Auckland (They call me Al) :+::+: :+:
NEW ZEALAND +:+ +:+ +:+
Tel: +649 535-8816 +#+#+++#+ +#+
+#+ +#+ +#+
"Why yes I am a rocket scientist" ### ### ##########

3973. Need manual for UNIQUE Wire Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: dtrudell@aol.com
Message-ID: <47vi81$jk6@newsbf02.news.aol.com>
Source record: 210466

I just bought a Unique Wire Tuner at a local swap
meet but did not recieve a manual with it. I would
appreciate any help in obtaining a copy of the manual
and would be willing to reimburse anyone for the
cost of copying the manual

Thanks, Dick W1AUZ

email: DTrudell@AOL.com

3974. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <48058h$jc9@hg.oro.net>
Source record: 210467
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

Bill Kirkner <Billk@postoffice.ptd.net> wrote:
>Please reply via e-mail ..

[snip in consideration of bandwidth]

C'mon fellers. Consider what you are doing when you ask for a reply by email.

1. You are preventing the rest of us who have an interest in this thread from seeing the whole answer -- this strikes me as being somewhat selfish.

2. You are admitting that you don't lurk this group very often and want a personal answer so that you don't have to take up your valuable time reading the newsgroup to pick up your answer.

If the question is by newsgroup, the return post should be by newsgroup.

Jim

Jim Weir VP Engineering | "We seem to be standing on
RST Engineering | the foreskin of technology."
Grass Valley CA 95945 | (Gen Chuck Yeager)
voice/fax 916/272-1432 |
rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

3975. ** HELP with mic preamp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: tgoins@accessone.com
Message-ID: <tgoins.18.003D2A54@accessone.com>
Source record: 210468

Hi all,

I have a Heil Dual desk mic that I am trying to get to work with an Icom 735. The problem is that the Heil does not provide enough output to the radio and I have to almost yell into it with the gain turned all the way up to get any ALC action at all.

So I went forth and built the high Z preamp from the schematic in the ARRL handbook. It is a real simple circuit that uses a MPF102 FET as an amp. One problem --- it doesn't seem to work. No output from the preamp at all.

Here is what I know.
1) The Icom 735 only has 8 volts available from the mic jack. The plans call for 12v.

2) The 8 volts is getting into the the circuit but the first thing it encounters is a 10K resistor which immediately drops the voltage a great deal. (is this resistor too big?)

3) I do not have an O-scope to check for audio in the circuit.

4) I built it inside of a metal box and I put panel mount mic jacks on both ends. The components are built on single sided PC board. At this point nothing is connecting the circuit board ground bus to the metal box. (should it be??)

5) I should have bought the Icom SM-8 instead of this Heil. You spend $100+ dollars and it ought to work without this grief. :-)

6) I need some help.

Thanks,
Todd
N0MZT - Seattle

tgoins@accessone.com

3976. DRAKE TR-3 MANUAL HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: rmilla01@solix.fiu.edu
Message-ID: <4806ru$g7u@isis.fiu.edu>
Source record: 210469

Hi,
I'm looking for service/user manuals for the Drake TR3. I will pay for
copying/postage. Thanks.

73,
Richard Millard, KF4EKF
rmilla01@solix.fiu.edu

3977. Need advice on Yaesu FT227R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: blackie@news.gate.net
Message-ID: <480780$1g51@seminole.gate.net>
Source record: 210470

I own a two meter rig that I bought back in the late 70's. My problem is that when I try to transmit, the digital display goes blank and nothing happens. Prior to this I noticed a progressive power decline when in the hight power (10watts) mode.

I am wondering if anybody knows where I can get it repaired and if it is even worth it. Somebody told me to send it to Yaesu, but when I called I was told that the charges are 50 bucks an hour just to diagnose the problem. I only payed about 250 bucks for it brand new and don't want to spend that much to get if fixed.

Has anybody else had this problem, and is there any clues as to where to start looking to diagnose? If it is a potientially large repair bill, I will just chuck it in the gagbage and get a new rig.

Thanks

3978. Re: WANTED: Uniden 2510, 2600 or Explorer 5010 modified.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: scam@siu.edu
Message-ID: <scam-1011951359220001@port167.aixdialin.siu.edu>
Source record: 210471

In article <47nj9j$56j@vivanews.vivanet.com>, mulveyr@vivanet.vivanet.com wrote:

> Dedelvis04 (dedelvis04@aol.com) wrote:
> : I am looking for either of these radios modified for the 11 meter band.
> : Please E mail with details.
>
> The details are that it's illegal to use a non type-accepted transmitter
> in CB service.
>

Rich,
Notice that the poster requested *E_MAIL*, not reply to the group. Since
I'm sure he was not aware of any illegality regarding using non
type-accepted amateur gear on the CB band, I'm sure your message was
appreciated, but reply via e-mail next time. One might otherwise assume
you were trying to start a *VERY* boring thread.

--
SCOTT A. MANTHE, N9AAT
E-MAIL: scam@siu.edu or lorit@siucvmb.siu.edu

"There is no reason for any individual to have a computer
in their home."
Kenneth Olson, President,
Digital Equipment Corporation, 1977

3979. Hints Needed, Icom IC-701

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: dsnowden@ccd.harris.com
Message-ID: <480cea$5vdu@rs2.ccd.harris.com>
Source record: 210472

I fixed this radio once, and fortunately the problem I had didn't involve stripping the radio. But the problem I have now (dial-lock and solid rit) have me removing the front panel to replace suspected bad IC's. Does anyone have experience with this radio - enough experience to have acquired any sort of disassembly - assembly procedures? i.e., is there any sort of manual available that has more than the standard users manual? I'd like to keep this radio working, as it is a good looking radio and is as small as most of the newer ones. The big drawback is that it doesn't seem to have been designed with maintenance in mind. For example, I see no way to fix my problem by actually looking at signals. You can't get to the suspect IC's without removing the front panel. Then you have nothing connected. I'm guessing most people sent them back to the factory where they had special jigs built just for troubleshooting them. Advice? Besides junking it?

Thanks, Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
dsnowden@ccd.harris.com

3980. Re: Icom 706 - modified a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <480740$4m@newsbf02.news.aol.com>
Source record: 210473

In article <8B4A483.01B40032B3.uuout@ledge.com>, darryl.linkow@ledge.com (DARRYL LINKOW) writes:

>Why don't you post the out of band transmit mod, for those 706
>owners who don't know about it?
>
>

What a great way to get ICOM's approval yanked by the FCC! What stupidity! Posting it here would be one step down from putting it in the manual, plus the next thing you know all the CBers would be doing it.

Shheeeesh!
Tom

3981. Re: TS 850 Tuner at RX

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.951110230323.15969A-100000@linux.ea4abb.ampr.org>
Source record: 210474

>My question: Does the 850 put the auto tuner in line for the receiver
>as well as the transmitter?

The tunner of 850 does not tune for RX... It is only for TX. The new
Kenwood TS-870 tune in TX and RX...

73's Roberto Munoz

e-mail... ea4abb@ea4rct.clubs.etsit.upm.es
ampr..... ea4abb@linux.ea4abb.ampr.org
ax25..... ea4abb@ea4een.eam.esp.eu
fidonet.. Roberto Munoz 2:341/64.10
http://www.ea4abb.ampr.org -> ONLY VIA RADIO
http://www.etsit.upm.es/~rclub -> Paginas WEB del Radioclub EA4RCT

[Written using PINE v 3.91]

3982. Re: Kenwood Repairs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: radiocty@skypoint.com
Message-ID: <480kfo$g5l@stratus.skypoint.net>
Source record: 210475

In article <47vr32$amd@guava.epix.net>, kleerdex@epix.net (Vic Klein) says:
>
>I have a Kenwood TM-221 that has been mobile for 8 years and starting
>to get a bit flaky. I'd like to send it to Kenwood, but have no
>experience with their repair centers. Any comments out there? Are
>there other options?
>
>=Vic=, WA4THR

Radio City Inc. is a Kenwood Repair center. You can contact them us at

1(800) 426-2891. Also check out our home page at http:\\www.radioinc.com

73's

Kirby KA0ZTS

3983. Re: IC 725 mod for 11 meter..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.951110230555.15969B-100000@linux.ea4abb.ampr.org>
Source record: 210476

> It is illegal transmitting on 11 meter [...]

This ham is looking for mods for the IC 725 for TX to 11 meter band..
His didn't ask you if it is llegal o illegal transmitting on 11 meter..

HEre in Spain it is not illegal transmitting on 11 meter (27 mhz), we
only need a CB-licence !!!

73's Roberto Munoz

e-mail... ea4abb@ea4rct.clubs.etsit.upm.es
ampr..... ea4abb@linux.ea4abb.ampr.org
ax25..... ea4abb@ea4een.eam.esp.eu
fidonet.. Roberto Munoz 2:341/64.10
http://www.ea4abb.ampr.org -> ONLY VIA RADIO
http://www.etsit.upm.es/~rclub -> Paginas WEB del Radioclub EA4RCT

[Written using PINE v 3.91]

3984. IOOKING FOR HAM MAILING LISTS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: fdj2@aol.com
Message-ID: <480k9i$56j@newsbf02.news.aol.com>
Source record: 210477

hi,
I'm new to the net and was wondering if there were any mailing lists for
ham radio. Let me know.

Thanks,

FDJ2@aol.com

3985. Need Heath HA-202 help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: dave.formilan@hobbs.com
Message-ID: <8B4B3B2.0027001DF7.uuout@hobbs.com>
Source record: 210478

I've got a Heath 2m power amp with blown power transistor(s).

Anyone have the schematic and operating instructions for this?

Thanks,

Dave - KB2VNL (dave.formilan@hobbs.com)

• OLXWin 1.00a • Mental Floss prevents Moral Decay.

••••••

3986. WTB: 2m mobile power amp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: dave.formilan@hobbs.com
Message-ID: <8B4B3B2.0027001DF8.uuout@hobbs.com>
Source record: 210479

The title says it all. Looking for a new or used (in working condition)
25 to 40 watt two meter power amplifier.
Let me know what you have and how much you want for it.

73 de Dave, KB2VNL
dave.formilan@hobbs.com

• OLXWin 1.00a • All wiyht. Rho sritched mg kegtops awound?

••••••

3987. Re: Opinions on new Radio Shack 2M mobile rig?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Nov10140458@rinhp750.gmr.com>
Source record: 210480

In article <1995Nov1.100258.4550@sfov1.verifone.com> david_b3@sfov1.verifone.com writes:

> Any reports -- product reviews or just personal opinions -- on the Radio
> Shack 2M mobile rig? I'm personally considering Icom, Yaesu or Kenwood,
<stuff deleted>

As most folks on this newsgroup know, I work part-time for Radio Shack. I have for the last three years. In that time no one has ever accused me of being biased toward the company's products. You may however take the following with that proverbial grain of salt.

I already have all the 2m radios I can use ("afford" actually) but took one of those radios home for a tryout. I used it in my shack for a weekend and returned it. Not because I didn't like it, I just couldn't justify another radio at the time.

My impression was that it's a good value at the regular price and a very good value when it's on sale. It does all the things that the others' do, so there's no "beginners radio" stigma. The HTS-212 goes beyond that by including features that are extra cost accessories on the other radios. It comes with DTMF decode builtin and a multi-function microphone. The tone quality is pretty good. The controls are well laid out and the programming is easy to learn. The display is sharp and bright and the controls are lit. The buttons on the microphone are on the FRONT of the mic where you can read them while talking into it and you're a lot less likely to accidently press one. The radio's construction seems to be a lot like my icom 229H. It's essentially a heatsink with a radio attached to the front. I doubt that you'll have any cooling problems.

On the down side, I'd like to have a better audio output system. I drive a noisy old van. The HTX-212 doesn't have any better sound than my icom 229H. It's got the tiny top mounted speaker that can be overdriven when the volume control is turned more than 200 degrees. The transmit audio sounds a little like a DX contesters audio. It seems to lack bass response. It sounds a little "bright". It's a matter of taste and is not a big deal in my book.

In the several months since it came on the market I have not heard of one case where someone was dissatisfied with one. Since folks here are pretty quick to complain I guess that means it's pretty good.

I think you ought to add Radio Shack to your list.

I've captured a few comments from the net. I'll send those to your Email address.

Please let us know of your decision.

--
Val Breault vbreault@gmr.com \ /| ars N8OEF
GM R&D Center - instrumentation dept. \ / | pres GM ARC
My opinions are not necessarily those \ /__| HF mobile on
of GM R&D or of the GM Corporation. \/ |___ 14.200 +/-

3988. Where can I get copper tape/mettalic spray paint

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: morganp@freenet.edmonton.ab.ca
Message-ID: <480kkf$iqn@news.sas.ab.ca>
Source record: 210481

I have seen some posts about mettalic spray paint and copper tape used
for keeping rf inside for computer (so it doesn't play havoc with your
radio stuff) & I was wondering where I could get it (cheapest source).

--
73 & ttyl Morgan Patterson
\\/// Internet: morganp@freenet.edmonton.ab.ca
(o o) Ham Radio: VE6MRP
(_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
----oOO-----OOo--

3989. Logging Program

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: "Darryl Goebel, CCP" <dgoebel@execpc.com>
Message-ID: <47ujbd$7cd@daily-planet.execpc.com>
Source record: 210482

What's the best windows-based logging program around?

Where is it available? How much does it cost??

Any favorites being used??

3990. Re: Any TS-870 Owners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <480fig$aje@tivoli.tivoli.com>
Source record: 210483

In article <jgardnerDHqrLF.4yz@netcom.com>, jgardner@netcom.com (Jerry Gardner) writes:
|> ga19989@evax02.d51.lilly.com wrote:
|> : Lew McCoy's review in November QST was much more complimentary to TS870 than
|> : what I have been seeing here in this newsgroup. He did NOT compare the receiver
|> : against (say) a TS850 with an audio DSP, so we still don't have apples and
|> : apples comparison relative to the comments here.
|>
|>
|> For an expensive rig they certainly didn't pay much attention to the
|> little details. For example, the RIT knob is about the cheeziest piece
|> of junk I've ever seen on any rig, including $40 CBs.
|>
|> --
|> Jerry Gardner | Maintainer of the Large Format Digest
|> jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

I wasn't impressed by Lew's review of the 870. It was mostly along the lines
of "Gee whiz, it's got some neat bells and whistles, and it must be good."
I'll wait for a more objective, substantive review.

73,
Jeff Kilgore, KC1MK

3991. Re: Icom 706 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <480gtr$tkg@crow.cybercomm.net>
Source record: 210484

an364546@anon.penet.fi <100553.1214@CompuServe.COM> wrote:
>Anybody know how to get this rig onto Gen. HF tx/Rx so my group
>can work REACT with it on 27MHz.

Sure...first step is to rewire the 6AG7's in parallel...cut the green wire
on the menu button and connect the SOT to the plate of the 813...
works for me.

Steve, WA2NHZ

3992. WANTED: Analog Synths & Drum Machines & FX :WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: gm371@cleveland.Freenet.Edu
Message-ID: <47v4d0$8t@madeline.INS.CWRU.Edu>
Source record: 210485

WANTED: Analog Synths & Drum Machines & FX :WANTED

Arp, Akai, Boss, Buchla, Crumar, Chroma, EDP, EML, EMS, Korg, Moog,
Oberhiem, Octave, PAIA, PPG, Roland, Serge, Sequential, Simmons, Yamaha, etc

* Older stuff With or Without MIDI
* Synthesizers - analog, modular, patchable, some digital, etc
* Drum machines, Ryhthm units - analog
* Sequencers - CV, Gate
* Converter units - MIDI to CV gate, etc
* Sync units - Din Sync, etc.
* Effects processors - tube, analog, digital
* Vocoders
* Effects pedals

* Even Newer Stuff
* Also Wanted: Recording Gear, Mics, Pre-amps, Patchbays, etc...

* Anything else that falls under the electronic music realm...

Please write back with info... Thanks in advance
--
gm371@cleveland.freenet.edu

3993. Re: Icom 706 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-10 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@freenet.ufl.edu>
Message-ID: <Pine.A32.3.91.951110024339.23624B-100000@freenet3.freenet.ufl.edu>
Source record: 210486

On 9 Nov 1995, Rick Huffman wrote:

> an364546@anon.penet.fi (100553.1214@CompuServe.COM) wrote: : Anybody know
> how to get this rig onto Gen. HF tx/Rx so my group : can work REACT with
> it on 27MHz.
>
> TX = 1600 kHz - 54.00 MHz and 118.000 - 174.000 MHz
>
> De James KG7FU kg7fu@kb7ogd.or.usa.noam kg7fu@aol.com
> --
>
> I tried it and it works.
>
>
> eyago
> Rick
> --

Apparently you missed the point, this numb nutz wants to use it on
11 meters <CB band>...

Your fun to watch???

KD4QHH

3994. Re: Kenwood TS-120V PLL

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: oddjob@cix.compulink.co.uk
Message-ID: <DHw9LM.2F7@cix.compulink.co.uk>
Source record: 210355

For sale:-TRIO TS-120s 100watt hf mobile. 350ukp ono

Steve, G7VFY, in london, England, 0956-544202

ODDJOB@cix.compulink.co.uk

3995. FS KNWD TM241A Sony SW55

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.387.3289.0N1FDE39@canrem.com>
Source record: 210356

-----BEGIN PGP SIGNED MESSAGE-----

F O R E S A L E

1. Kenwood TM241A 2m mobile, 5/10/50 watts, memory expansion unit
installed
- less than one year old, with manual, original box, mobile mounting
bracket, etc.
LIKE NEW!
Reason for selling: I'm moving to 70 CM.
These go for about $500.00 Canadian; make me an offer. I'm looking for
somewhere around $100.00 (Canadian) less then the new price, as this
radio is in great shape and hardly used.

2. Sony SW55: Portable Shortwave Receiver *Mint condition!*
- 125 memories
- 150 khz to 30 mhz continuous; plus FM broadcast band
- am/lsb/usb narrow/wide filter, extremely sensative!
Reason for selling: As a blind person I find this radio unnecessarily
difficult to operate, and want to move to a 2010.
- comes with carrying case, all accessories, manuals, etc.
I'd like $355.00 Canadian for this *firm*; also barely used.
I would provide prices in US currency, but I don't have a calculator
handy. If you're interested in either of these, let me know and I'll work
out the US prices.

Chris. (Internet: chris.smart@canrem.com, Fido: 1:229/15, Phone (voice):
(519)756-9389)

.. 73, VE3 SHT. 19 years old, and licensed since June 15, 1987!
___ Blue Wave/QWK v2.12

-----BEGIN PGP SIGNATURE-----
Version: 2.6

iQCVAgUBMKT3BNZU0fzBPqHhAQHaSAQAuxHjeNrvMHxXWSUxWPxmOniJ81dT5ZLY
iGreI+TTL6m/3FHG9tdukS60xalvR+xgrYNm9fOTpjELPSfkFqELnBrfITmv2j5P
ZFTYS7r9TnddBoJGbx3q+iSlEaQxqFv+bLQMbI3xfmvUuZaGZfgw7TJ2EHNJ4Jj5
KLCxBzipWmA=
=9KH/
-----END PGP SIGNATURE-----

PGP 2.6 public key available upon request!

3996. Re: Opinions on new Radio Sha

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: garyn@tir.com
Message-ID: <4831v2$7u9@ramp2.lisp.com>
Source record: 210357

clint.bradford@woodybbs.com (Clint Bradford) wrote:

>Subject: Opinions on new Radio Shack 2M mobile rig?

>>>Any reports -- product reviews or just personal opinions -- on the
>>>Radio Shack 2M mobile rig?

>Radio Shack's HTX-212 Mobile Transceiver...
>True FM transmit for superior audio and excellent performance on packet
>30 memory channels
>Priority channel selection
>One call channel
>Store up to six 15-number touch-tone sequences for DTMF paging or auto-patch
>Microphone, external speaker and antenna jacks
>On-microphone DTMF keypad
>Multifunction scanning
>Dual VFOs for semi-duplex operation
>Frequency step selectable
>Built-in subaudible tone encoder and decoder
>Output power 45 watts(high) 10 watts (low)
>Normally $349.99

>ON SALE THIS MONTH!!! $299.00!

>Frequency range (Factory)
> Transmit.....144.600-148.000 MHz
> Receive.....136.000-174.000 MHz

>Can be modified to transmit in the MARS/CAP band. (Directions included)

>I've heard no serious complaints. Seems to be yet another solid
>performer.

>Clint Bradford
>---
> * TLX v4.00 * The worst thing about censorship is ########
> • wcECHO 4.1 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

Much better on intermod than My Alinco !!!
--
garyn@tir.com <Gary Newberry>
Sometimes you're the bug, Sometimes you're the windshield

3997. HAVE MOD FOR YEASU FT-8500 ..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: panther@atl1.america.net
Message-ID: <panther.816130215@atl1>
Source record: 210358

If you want it.. let me know....

3998. Alinco DR-m06

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: kq6bc@kq6bc.ampr.ORG
Message-ID: <44@kq6bc.ampr.org>
Source record: 210359

Hey there. I am looking for info/opinions about the Alinco 6 meter mobile.
Are there any extended transmit mods?

Thanks for the input.

73! Fred kq6bc

3999. Alliance HD-73 Rotor Parts/Service Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: jcox@GroupZ.net
Message-ID: <4836ag$qkt@news1.sunbelt.net>
Source record: 210360

My HD-73 rotor has failed after 15 years of good service. The plate that holds the gears in place has cracked and separated. This happened once before when the rotor was just out of warranty, but Alliance fixed it anyway. Now, the rotor is out of production and Genie/Alliance has no more parts of this type.

Anybody got any leads, or maybe an HD-73 with a bad motor for parts?

Boy, have rotors gotten expensive over the years!!

John C. Cox, WD4PKZ/AFA2TS
110 Rosemary Dr.
Aiken, SC 29803-7326
jcox@GroupZ.net

4000. Re: WANTED: Icom 725 MODS for 11 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: bkotarsk@gfn1.genesee.freenet.org
Message-ID: <481ed8$hlt@gfn1.genesee.freenet.org>
Source record: 210361

Dedelvis04 (dedelvis04@aol.com) wrote:
> If there is such a thing please let me know where I can find it.

Write a letter to the FCC and let then know what frequency you are going
to use.. And the time of day and they will get back with you on your
modification

--
ai720@detroit.freenet.org---------- bkotarsk@genesee.freenet.org
sfuxdis@frog.thpl.lib.fl.us----------bkotarsk@freenet.grfn.org
bill.kotarski@cmail.com And Whatever Else You People Call Me
N8JOS--- General Class since 1968 EX-WB8DKR and WN8DKR

4001. Re: WANTED: Icom 725 MODS for 11 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: bkotarsk@gfn1.genesee.freenet.org
Message-ID: <481eif$hlt@gfn1.genesee.freenet.org>
Source record: 210362

Pieter Ibelings (wave@mindspring.com) wrote:
> In article <47nqn0$jr1@newsbf02.news.aol.com>, dedelvis04@aol.com says...
> >
> >If there is such a thing please let me know where I can find it.

apply 220 volts to the 12v leads

> According to my mod book you need to open the top and bottom cover, locate
> the PLL board and cut diode D5. You then reset the microprocessor by
> holding [function] & [MW] and turn power on.

> This should work on the IC-725A and IC-726A. Make sure you keep the power
> level legal. enjoy!!!!

> I am NOT responsible if the thing smokes!

--
ai720@detroit.freenet.org---------- bkotarsk@genesee.freenet.org
sfuxdis@frog.thpl.lib.fl.us----------bkotarsk@freenet.grfn.org
bill.kotarski@cmail.com And Whatever Else You People Call Me
N8JOS--- General Class since 1968 EX-WB8DKR and WN8DKR

4002. Re: Q: How is the new IC-706 on CW please???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DHv5yE.1w0@iglou.com>
Source record: 210363

: Anyone using the IC706 on HF CW? Curious how it : works, how's the
keying, waveform, keyer, qsk, agc, : filters, etc.
Joe

I've been using the 706 on cw only for about a week now. I have been
using my ts940 for 5 years. I've used QSK for 32 years now and usually
operate at speeds between 35 and 45 wpm.

On the transmitter side of things, the 740 has rather hard keying. Using
the semi bk in mode, it sounds acceptable. I have a regular schedule with
another 940 user every night. He reports the keying to be "Fair" compared
to the 940 in the semi bk in mode. The qsk mode is quite a different
story. Frankly, I dont recommend using it unless you use an external
keyer to increase your weight. It simply keys the vox relay and it can't
keep up. AT 40 wpm it really clips the dits.

I bought this for mobile use and am willing to put up with it though. I
have been setting the vox speed at .2 seconds. This is fast enough for
most qsos and sounds good on the other end. The first dit doesn't seem to
be clipped either. The internal keyer is nice but there is no weight
control, just a ratio adjustment which IC trys to put over as a weight
adjustment! Actually, all it does is change the lenght of the dashes.

The reciever is quite good and in some respects better than the 940. The
main thing I like is the IF shift. The 940 has a varible bandwith
adjustment but I have problems with QRN here. The 706's shift control
allows me to move the passband out to the edge thus clipping off the high
frequency static. This is much like the old Drake R4. I got the 500
kc filter. It's skirts aren't as sharp as the 940 since the 940 has two
sets of 500hz filters.

Overall, I like it and don't think you can do much better for the price.
Beside, it fits in the hole where my ash tray is on my van!

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4003. Re: Suggestions for first portable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov11.201001.20420@ke4zv.atl.ga.us>
Source record: 210364

In article <482l4n$i78@news.ccit.arizona.edu> chrisl@SEDS.LPL.Arizona.EDU (Chris Lewicki) writes:
>Hi Folks,
> I just passed my Technician's test this morning and I'm looking
>to buy a handheld radio.
> In general, the Yeasu and Kenwood units look the most attractive
>to me, in particular, I think I like the Yeasu FT 11, and the 51 (are
>these number right?) I suppose I have $300 or so to spend (maybe a
>little more), but I'd probably want to get a used one.
> Are the dual-bands all that useful, or would a 2m unit be fine?

Either Yaesu radio is fine, as are the older FT530 or FT470. I'd avoid the Kenwood radios for a number of reasons, though there are those who like them. And don't forget Standard and Alinco. Both make nice radios in this class. I just sold my long time favorite HT, a FT470, this past weekend because I've got the new (and incredibly tiny) C508A Standard. It does what I need in an amateur HT, dual band, CTCSS encode decode, and costs only $268 new (street price). Now that probably isn't the radio for you because it is low power and has no TT pad, but I don't use phone patches (I have a cellphone), and I don't need high power (have a mobile rig which can serve as a remote base relay), so the little Standard was just ideal for my HT needs.

Now a dual band radio is going to cost more than a 2m only unit, but usually a lot less than 2 radios. Around here, 70cm is active and full of friendly open repeater systems, so I strongly urge people to buy dual band radios. That's not the case everywhere. In some areas there is very little 70cm activity, and in some areas the repeaters are unfriendly closed systems. This is a question you need to ask local amateurs to see what 70cm is like in your area. If you're not sure, or if you may relocate soon, then I'd go with a dual bander. Having the extra flexibility doesn't hurt.

Now I'm going to close with another standard piece of advice. A HT is a specialist tool, designed for foot mobile operation. It is not a good substitute for a mobile rig in a car or a base rig in the house. If most of your operation is going to be from a car or house, I'd advise you to put off a HT purchase and buy a good mobile rig instead. That can be used in the house too with the addition of a 12 volt power supply. It'll work much better than a HT, and used ones won't cost more either. Only if you're going to operate primarily foot mobile would I recomend a HT as a first (or only) radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4004. Re: Where can I get copper tape/mettalic spray paint

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov11.202752.20583@ke4zv.atl.ga.us>
Source record: 210365

In article <482miv$v1@news1.inlink.com> raiar@inlink.com (Gary V. Deutschmann, Sr.) writes:
>morganp@freenet.edmonton.ab.ca () wrote:
>>I have seen some posts about mettalic spray paint and copper tape used
>>for keeping rf inside for computer (so it doesn't play havoc with your
>>radio stuff) & I was wondering where I could get it (cheapest source).
>
>Forget the spray paint!
>Metalic paint is powder suspended in laquer, thus each partical is
>insulated from it's neighbor by the lacquer.

That's Ok, the particles are ferrite and don't need conduction to adjacent particles, they don't in a ferrite bead or or toroid either. They form a dandy EMI shield though. GC Electronics sells an EMI spray. It should be available from any electronics distributor who carries GC chemicals.

>Why not just use spray glue and aluminum foil. When you reinstall the
>cover make sure it makes a ground connection.

And good luck getting the aluminum foil, with its insulating oxide coating, to make good electrical contact. It is also basically useless for stopping the magnetic field component of the EMI. That's where the ferrite sprays perform best. Copper screen is an alternative. You can easily solder to it, so getting good contact is no problem.

>Or for 40 bucks you can pick up a new mini-tower cabinet w/power
>supply all steel.

Now you're talking. Steel is a good barrier. It's resistive enough to dissipate E fields, and ferromagnetic with hystersis, so it does a good job damping rapidly varying H fields too. All seams should be bonded with a screw at least every 10 cm, and of course any paint needs to be removed from mating surfaces.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4005. Mod gone bad on FT-51R?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: childers@garlic.com
Message-ID: <4843nv$j2i@garlic.com>
Source record: 210366

I just performed the MARS/CAP mod on my FT-51R. Everything is working properly, except for the cross-band repeat. I can enable that mode, but the unit only receives, and never re-transmits the transmission. I use the cross-band occasionally as I also have a Standard C508A that I use as a mobile mic, and I have the FT-51 kick up the power to 5W.

Please HELP!

Bill Childers

4006. Re: Alliance HD-73 Rotor Parts/Service Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: Frank Donovan <donovanf@jekyll.sgate.com>
Message-ID: <Pine.OSF.3.91.951111215609.8354C-100000@jekyll.sgate.com>
Source record: 210367

Alliance HD-73 HD-73 sales and service is available from:
Norm's Rotor Service
301-831-8152 M-F 0800-1630

73!
Frank
W3LPL
donovanf@sgate.com

On Sat, 11 Nov 1995, John C. Cox wrote:

> My HD-73 rotor has failed after 15 years of good service. The plate that
> holds the gears in place has cracked and separated. This happened once before
> when the rotor was just out of warranty, but Alliance fixed it anyway. Now,
> the rotor is out of production and Genie/Alliance has no more parts of this
> type.
> Anybody got any leads, or maybe an HD-73 with a bad motor for parts?

4007. Hotel Room HAM! Need HF equip. advice, please.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: okstein@primenet.com
Message-ID: <okstein.121.020FB867@primenet.com>
Source record: 210368

Hi. I plan to be doing some travelling and would like to hear your experiences about operating from hotel/motel rooms. I know 2 meters shouldn't be much of a problem, but I'm interested in exploring HF.

Can it be done reasonably well? Will I have to use QRP equip? How about SSB? Where the heck does the antenna go-- and what bands should I be considering?

Thanks for all your advice.

4008. For sale: HAL RTTY gear

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: comptnce@airmail.net
Message-ID: <481dta$dhq@server.iadfw.net>
Source record: 210369

Hal DS3100ASR & ST-6000; *mint* condition; complete wiring harness;
all manuals; original packaging. Best offer.

Jim Long
K5QPT

4009. Re: J POLE ANTENNA Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov11.022640.15088@ke4zv.atl.ga.us>
Source record: 210487
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <charles1DHsoM7.4B0@netcom.com> charles1@netcom.com (charles copeland) writes:
>In article <charles1DHso2z.3Hy@netcom.com>,
>charles copeland <charles1@netcom.com> wrote:
>>
>>From: N6DCD@KB7WE.#WWA.WA.USA.NOAM (packet)
>
>I have two questions about making a J pole.
>
>1) The plans show that the entire J is made of copper with
>no insulating material between the two legs. The antenna
>connects between the two legs. Wouldn't this short out
>the transmitter?

The J hook is just a shorted quarterwave stub. It's used to match
the feedline to the upper halfwave element being end fed by it.
It's supposed to be shorted. Look up matching stubs in any
handbook for an explanation of how they work.

>2) How does a J pole rate with other antennas? 1/4 wave ground plane?

The J pole is just an end fed halfwave vertical. It should have
0 dbd, 2.2 dbi, gain. A quarterwave *with an adequate groundplane*
should have the same "gain". Because of the unbalanced feed, the J pole
may have a somewhat asymmetric pattern, but its lack of need for
a groundplane, and its direct DC connection to ground for lightning
protection and easy mounting, often make it attractive.

If you want gain, you can stack halfwave sections using hairpin
phasing sections. A four bay J-pole built like this has 6 dbd,
8.2 dbi, and is still mechanically rigid if made out of good size
copper pipe. The plumber's delight construction makes the J pole
easy to build, DC grounded for safety, and easy to mount.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4010. need HP scanjet card

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: dbreazil@wyoming.com
Message-ID: <4816n3$d95@horn.wyoming.com>
Source record: 210488

I need a HP scanjet plus card. I have just got the scanner, but it did not come with the car. HP says they no longer support this scanner. if you have a card or know where I can get a card please let me know thanks and 73 Don

4011. Re: Logging Program

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: billmcf@isisnet.com
Message-ID: <480l90$m3p@ra.isisnet.com>
Source record: 210489

"Darryl Goebel, CCP" <dgoebel@execpc.com> wrote:

>What's the best windows-based logging program around?

Hello Darryl. I don't use a windows based logging program but I am using a dos based program that I am using in windows along with host master. I have looked at several logging programs and I really enjoy using this one.

It looks after the various awards and has a setup so that you set it up for generic awards

You can download it from KD7P's BBS at 360-653-9652. I think it is around $40 US to register. Best Forty bucks I have ever spent.

4012. Re: Where can I get a MOTOR SPEED control foot pedal? how does it work?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: kinsler@bobcat.ent.ohiou.edu
Message-ID: <DHv937.Iro@boss.cs.ohiou.edu>
Source record: 210490
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.misc,sci.electronics,rec.radio.amateur.equipment,sci.engr.mech,rec.crafts.misc,rec.crafts.metalworking

In article <47u970$k7q@gap.cco.caltech.edu>,
lbliao <lbliao@alumni.caltech.edu> wrote:
>I need help on finding out what is the speed control mechnism in a drill
>motor is? SCR or what?

If it's a brush motor like that on a sewing machine you may well find that it's a carbon-pile rheostat. Pressure on the pedal is applied through a stiff compression spring to one end of a stack of carbon discs. When the stack is compressed, its resistance drops. Works good and lasts forever. Newer models may well use a triac circuit that's set up to drive an inductive load. The pedal changes the value of a variable resistor which is part of a timing circuit. This delays the turn-on point of the triac for each AC cycle, thus distorting the AC waveform and slowing the motor. For induction motors, speed controls are somewhat more complicated.

M. Kinsler

4013. Re: Looking for manual sheet metal bending BRAKES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: kinsler@bobcat.ent.ohiou.edu
Message-ID: <DHv9nL.J7C@boss.cs.ohiou.edu>
Source record: 210491
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.misc,sci.electronics,rec.radio.amateur.equipment,sci.engr.mech,rec.crafts.misc,rec.crafts.metalworking

In article <47u9gu$kes@gap.cco.caltech.edu>,
lbliao <lbliao@alumni.caltech.edu> wrote:
>I am looking to buy MANUAL SHEET METAL BENDING BRAKES FROM GEOGRAPHICALLY
>NEARBY LOCATION. Preferably used and cheap ones.
>I am also looking for slow speed foot pedal controllable motors, that are
>preferably cheap and off the shelf for some other industry.

Apparently Caltech has come up with a new fundraising scheme--instead of a
credit card, you get an Internet connection. Only 8 zillion dollars a
year, and you also get to hear a speech from the development director.

A couple of pointers, though.

1) You are posting on the electronics newsgroup. Most people here aren't as
interested in sheet metal work as you are. Please post only on
appropriate newsgroups.

2) You would like said sheet metal brake from a "geographically nearby
location". This is pretty tough, because nobody knows where you are.
I'm guessing that you're in Brazil, but who the hell knows from
"Caltech Alumni Association"?

M Kinsler

4014. Re: Looking for manual sheet metal bending BRAKES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: kinsler@bobcat.ent.ohiou.edu
Message-ID: <DHv9qu.J9z@boss.cs.ohiou.edu>
Source record: 210492
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.misc,sci.electronics,rec.radio.amateur.equipment,sci.engr.mech,rec.crafts.misc,rec.crafts.metalworking

In article <47u9mn$kq9@gap.cco.caltech.edu>,
lbliao <lbliao@alumni.caltech.edu> wrote:
>I am looking to buy MANUAL SHEET METAL BENDING BRAKES FROM GEOGRAPHICALLY
>NEARBY LOCATION. Preferably used and cheap ones.
>
>I am also looking for slow speed foot pedal controllable motors, that are
>preferably cheap and off the shelf for some other industry.

And
(3) Don't send duplicate posts.

4015. The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <4825eh$k1h@alterdial.UU.NET>
Source record: 210493
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

I said: "I have a VIC 20 I want to trade for a IC-781" (how long do we have read thesre messages where some ham wants to trade his junk for something woth something).

From: KH2KQ@KA6EYH.#NOCAL.CA.USA.NOAM
To : K1OIK@KQ1K.MA.USA.NA

Hello Burt,

You actually got one of those VIC-20's you wanna trade?

I do not have a Icom 781, but I does have a Kenwood 950SDX - howsa bout dat?

Only problem is dat it am attached under the counter of a 36 foot motorhome. So if youse trade for da 950 youse gotta take the motorhome too. Its got a generator and only 123 actual miles. But the problem der is dat it am havin a dead battery and it can't start and it is in the driveway of my vacation home at the beach in Malibu - so youse also gotta take the house in Malibu if youse want the 950SDX.

Howsomever, there is a beach bunny and her girlfriend that said they would just die if I sold the Malibu house on the beach, so they come with the house and the motorhome and the radio.

If dat am OK, then weese got a deal!

Oh yeah, does the VIC-20 got a DC power supply with it?

By the by, if you hear of anyone who has a Kenwood TS-50 attached to a Mercedes 450SLC - I would like to trade a Radio Shack 202 for it!!!!!!!

73 de Chuck

4016. What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <4825g6$k1h@alterdial.UU.NET>
Source record: 210494
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

The following messages were sent to me by a ham that is afraid to be identified beacuse of the torment most of you will put him through for having a different opinion. But it is how most young peeple feel (that is why they quit the hobby or never get in it). But you can keep thinking whatever you want and let ham radio die. Some say I send flames but I am not the author of below. I get lots of support and many messages like the ones that follow.

From: xxxxx@.xxxxcom
To: k1oik@ccsnet.com
Subject: You hate good news.
Date: Fri, 15 Sep 95 03:42:54

they like threats. they thrive off of it. i don't agree with everything you have said, burt. however, you are right on about several issues... one of them being the burping, farting, pants sagging in the crotch from too many handhelds on a waist that can't support them... i may carry a handheld, cellphone, and a pager all at once, but at least i'm not so out of shape that i have my pants sagging like they have a load in them. i stay somewhat in touch with reality... i liked the rabbit story. it made a pretty damn good statement... that's why they don't respond. many of them know that to take away code would allow intelligent people, people with more intelligence <gasp> than they are, into their little good ol' boys club.

no, not all hams that learn code are like what you described, only about i estimate 85-90% are like that, drooling with 10 handhelds on their belts looking like they're on some sort of mind-altering substance (too much rf overloading of the brain tissue). my group of friends and i all dress like we're the nightclub crowd for the underground scene... leather jackets with studs, some of us have half shaved heads (i'm probably one of the few that look almost normal), nocturnal, hang out on numerous 440 and commercial band repeaters, play paintball, get (raise eyebrows) exercise (i ride my bike at least 10 miles every other day), play sports once in a while, i love snow skiing, and take plenty of time out of the radios to go to the movies, spend time with my girlfriend (who just happens to like listening to the scanners with me once in a while to all the fire and pd activity), go camping, party...

seeing "young" punks like myself enter into the hobby bothers the oldtimer whiners and complainers on the local 2-meter boxes and the old fart elitist jerks that hang out on simplex on 144.245 around the valley

here, badmouthing everyone and everything that stumble across them on their commute home. i think my area has the largest population of INACTIVE currently licensed hams of just about anywhere. many of these people are interested in the "technical" aspects of ham, get their licenses, check into one of the local 2-meter high level boxes, hear all the old farts on all day pissing and moaning about colostomy bags, get dissillusioned and put their gear away in the closet. it's pretty sad.

they're so afraid that their little club will be "polluted" with fresh knowledge and arrogance to their little rituals that they lash out at any attempt to break the mold.

xxxx
xxxxxxx

id BFCKCGDF ; Thu, 21 Sep 1995 21:42:38 EST
From: xxxx@xxxx.com
To: k1oik@ccsnet.com
Subject: Great message
Date: Thu, 21 Sep 95 18:33:48

if you want to quote it, go right ahead, on one condition, DO NOT USE MY CALL LETTERS OR NAME OR EMAIL ADDRESS. i agree with the philosophies behind a great deal of your thinking, but i'm not going to put myself in a position where i get jumped on every time i respond or post in the newsgroup. i still find a few redeeming qualities in ham radio, and it is still (though more commercial communications / monitoring) my favorite hobby. i just happen to get exercise, prefer sex with my girlfriend over the radios, and eat somewhat decent food.

again, have fun with the quotes. just don't give me credit for them. i really have enough mail come into my mailbox on a daily basis without having to deal with drivel from some bloated cholesterol-laiden fuck who wants to discuss with me the merits of using a "bug" over a straight-key or trying to tell me how useless satellite communications are.

keep up the good work, burt. you're one of the few reasons i sti still read the newsgroup.

xxxx
xxxxx

4017. Re: Do it for the log.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: bmicales@facstaff.wisc.edu
Message-ID: <bmicales.309.006A276E@facstaff.wisc.edu>
Source record: 210495
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.rad

In article <4825d3$k1h@alterdial.UU.NET> Burt Fisher <k1oik@ccsnet.com> writes:

>Hams cannot stand to be personal. Thus they do not want to know THE
>name, the log wants to know THE name. Thus it is impossible for a ham to
>say "I would like to know YOUR name." A ham says, "What is THE name for
>the log?"

>Burt, K1OIK.

Burt,

If you looked closely at what is being said, you will see that one ham asking another ham's name for the log is entirely different than asking the ham for his or her name.

In the first instance, I am clearly stating as to why I want your name..I do keep a log of my contacts. Also this information can be used for sending QSL cards. All of this is quickly said by asking for your name for the log. However, I guess I could say "I would like to know your name because I am a nice guy,, I am keeping a log, and I might send you a QSL card". Hmmmm, seems a bit to much.

Hams are very personable otherwise you would not have FM voice, AM voice, SSB voice, or even ATV.
Bruce Micales
bmicales@facstaff.wisc.edu
Department of Anatomy
Amateur Radio : WA2DEU
Packet PBBS : WA2DEU@WD9ESU.EN53IE.WI.USA.NOAM

4018. Re: !! WWW & (new) FTP Radio Site !!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: amsoft@epix.net
Message-ID: <NEWTNews.816132497.8707.amsoft@486dx4_120>
Source record: 210496
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

FTP to the MAY 95 AmSoft CD-ROM at:
ftp://hamster.business.uwo.ca/cdrom/
be sure to download & read "files.dir" first

DO NOT put a dash between the word CDROM at the end of the URL

Thank you, and happy downloading. Thanks to Mark Bramwell VE3PZR
for provideing the only authorized access on the Internet to the
AmSoft CD-ROM library.

4019. Rules of ham DUMB.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <4835cg$ks1@alterdial.UU.NET>
Source record: 210497
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Ham operator Jokes:

1. What is the thinnest book in the world?
What hams know about women.

2. How does a ham take a bubble bath?
He eats beans for dinner.

3. What's a ham's idea of foreplay?
A half hour of contesting.

4. How can you tell if a ham is sexually excited?
If he's still breathing.

5. How many hams does it take to change a roll of toilet paper?
We don't know...it has never happened.

6. What's a ham's idea of helping with the housework?
Lifting his leg so you can vacuum.

7. What does a ham consider a seven course meal?
A hot dog and a six pack of beer.

4020. Re: INTERESTING NEW WWW PAGE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: "Joseph P. Feehan" <tortola@caribsurf.com>
Message-ID: <48371i$nse@col1.caribsurf.com>
Source record: 210498
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Greetings from the land of endless summer -- Tortola Island,
British Virgin Islands.
Congrats on your new page. Obviously you are a heads-up company.
Too bad I can't visit your store. Will keep looking for your
product info.

Joe, VP2VBL.

4021. Kenwood 850 mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: beretta1@ix.netcom.com
Message-ID: <4829p2$n7a@ixnews7.ix.netcom.com>
Source record: 210499

I'm looking for mods to my Kenwood 850s/at - any suggestions would
be appreciated! Please post to this newsgroup or e-mail to
Beretta1@ix.nexcom.com tnx / 72

de WD9HCR
Larry

4022. Tucker IMD Filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: daniel@pandora.lugs.po.my
Message-ID: <482clp$5d9@lantana.singnet.com.sg>
Source record: 210500

Hi,

I am thiking of getting the Tucker IMD Filter for 2M. Part number
is TF-144. It claims to attenuate out of band signals up to and beyond 50dB.
I was just wondering if anyone here has any experience with one of these
things and if those claims are any good in actual practice. Do share your
experiences with this. For me it is either this or the PAR Notch Filter.
Thanks in advance.

73 de 9V1ZV Daniel

Daniel Wee | daniel@pandora.lugs.po.my
9V1ZV | daniel.wee@f516.n600.z6.fidonet.org

4023. Kenwood list server??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: tracker@indirect.com
Message-ID: <tracker.13.00154D05@indirect.com>
Source record: 210501
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

Does anyone know of a list server that has Kenwood related stuff on it?
How about somewhere I can go to find a list of list servers?

4024. Suggestions for first portable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: chrisl@SEDS.LPL.Arizona.EDU
Message-ID: <482l4n$i78@news.ccit.arizona.edu>
Source record: 210502

Hi Folks,
I just passed my Technician's test this morning and I'm looking
to buy a handheld radio.
In general, the Yeasu and Kenwood units look the most attractive
to me, in particular, I think I like the Yeasu FT 11, and the 51 (are
these number right?) I suppose I have $300 or so to spend (maybe a
little more), but I'd probably want to get a used one.
Are the dual-bands all that useful, or would a 2m unit be fine?

--

Christopher A. Lewicki + (520) 703-5542 + Maintainer of SEDS.LPL.Arizona.EDU
Chair, Students for the Exploration and Development of Space (SEDS-USA)

4025. Re: Where can I get copper tape/mettalic spray paint

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-11 00:00:00 UTC
From: raiar@inlink.com
Message-ID: <482miv$v1@news1.inlink.com>
Source record: 210503

morganp@freenet.edmonton.ab.ca () wrote:

>I have seen some posts about mettalic spray paint and copper tape used
>for keeping rf inside for computer (so it doesn't play havoc with your
>radio stuff) & I was wondering where I could get it (cheapest source).

>--
>73 & ttyl Morgan Patterson
> \\/// Internet: morganp@freenet.edmonton.ab.ca
> (o o) Ham Radio: VE6MRP
> (_) "Your Computer will self destruct in..5..4..3..2..1..KABOOM!!!"
>----oOO-----OOo--
Forget the spray paint!
Metalic paint is powder suspended in laquer, thus each partical is
insulated from it's neighbor by the lacquer.

Why not just use spray glue and aluminum foil. When you reinstall the
cover make sure it makes a ground connection.

Or for 40 bucks you can pick up a new mini-tower cabinet w/power
supply all steel.

Gary

4026. D-104 Mic, 34-PNB noise blanker for Drake TR4

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Abe Betesh <panflute@hs.wisenet.com>
Message-ID: <484si0$oug@news.wisenet.com>
Source record: 210305

WANTED: D-104 Mic and 34PNB noise blanker for a Drake TR4
panflute@hs.wisent.com or call Abe at (305) 771-7465

4027. Re: EARTALK

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: kpiet@delphi.com
Message-ID: <xZOn6Qm.kpiet@delphi.com>
Source record: 210306

Tom..I have used the ear mic with a kenwood tr-22 for over a year now, and think it works just fine. Since your from the 2 call area, you might consider calling or visiting Advance electronics on Essex street in Lodi, N.J....he has them. If you need any additional info, let me know
Ken--WA2OKZ

4028. Reaquest about Standard C478 MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: bruno.besace@fnet.fr
Message-ID: <485dcu$sbr@aldebaran.sct.fr>
Source record: 210307

I have a Standard handheld transceiver model C478.

At this day, my transceiver translate in UHF band twice 400.000
Mhz to 491.330 Mhz. At the lower frequency, when i want to transmit
under that limit, my transmitter write "OFF". So, it is an operation
not authorized from my transceiver. But in the upper band (like 498,000
Mhz for example), he did not transmit on that frequency and the screen
twinkled.

So, i want to know why that differencies, and may be if it is
possible to modifiate the lower limit to transmit in the 380 Mhz band.

That model of transmitter can too transmit a low power signal
on VHF band. And i meet the same problem with the lower (100,000 Mhz)
and upper (190,000 Mhz limit transmit.

Is it someone that knows how to modifiate my transceiver for a really
largest transceiver?

Thanks, in advance,

73,

Bruno, F1IQD

4029. Antenna info needed for receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: shambryr@server.iadfw.net
Message-ID: <NEWTNews.816164668.15460.shambryr@shambryr.server.iadfw.net>
Source record: 210308
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.equipment

I am look for a simple inexpensive omni-directional multi-channel antenna
that I can use with an old Radio Shack DX-160 Receiver.
I would be helpful if it uses a single wire lead-in but I could switch if
necessary.
I am currently using a long-wire anenna (110 ft.)

4030. Re: 9600 baud tnc rec?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: kn4aq.gary@mms.net
Message-ID: <485dn7$10m@ralph.vnet.net>
Source record: 210309

drsdo@ix.netcom.com (Steven D. Olson) wrote:
>I'm thinking of purchasing a 9600 baud tnc, primarily for packet. Any
>solid recommendations for a tnc? Please respond by email. Thanks.
>Steve WO9L. drsdo@ix.netcom.com

Hi, Steve. I'm pretty happy with my Kantronics KPC-9612.

73,
Gary KN4AQ
kn4aq.gary@mms.net

4031. Re: 9600 baud tnc rec?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: cotnamm@vianet.on.ca
Message-ID: <485gec$dic@cdc2.cdc.net>
Source record: 210310

kn4aq.gary@mms.net wrote:

>drsdo@ix.netcom.com (Steven D. Olson) wrote:
>>I'm thinking of purchasing a 9600 baud tnc, primarily for packet. Any
>>solid recommendations for a tnc? Please respond by email. Thanks.
>>Steve WO9L. drsdo@ix.netcom.com

>Hi, Steve. I'm pretty happy with my Kantronics KPC-9612.

>73,
>Gary KN4AQ
>kn4aq.gary@mms.net

Hi Steve, I'm using the AEA PK-96 1200/9600 Satelite compatable and
I'm very pleased with it.........Murray>

73's VE3MCN

4032. Antenna 4 Standard C508????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Phil Scott <72067.3177@CompuServe.COM>
Message-ID: <485gpk$n0s$1@mhafm.production.compuserve.com>
Source record: 210311

Where can I get a dofferent antenna for the Standard C508 Dual Band HT? It uses a small SMA-like connector instead of a BNC due to size...is there an adapter to allow use of my BNC-ducks? Any other suggestions on accessories welcome, here or email to: pscott@baynetworks.com or 72067,3177 on CompuServe.
Many thanks and 73 de
Phil N3KDJ

--
Internet Mail to pscott@baynetworks.com

4033. TS-440S/AT Mods/Serv. Notes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: jptaylor@execpc.com
Message-ID: <485kpr$i5p@daily-planet.execpc.com>
Source record: 210312

I've found several mods for the TS-440S/AT, but have not found a source for any repair bulletins / service notes. Although I am interested in any that may be available, I am specifically interested in anything dealing with the treatment of the VCO problem that is supposed to be rather chronic with this model.

Thanks,

Jim Taylor, K9JT
jptaylor@execpc.com

4034. Alinco DR599 Dual Band Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Bill@halcyon.com
Message-ID: <NEWTNews.816213073.25053.bill@bill.halcyon.com>
Source record: 210313

Hi,

I need to know how to reset the CPU in an Alinco DR-599 Dual band mobile.

Thanks,

Bill

reply to bill@halcyon.com

4035. QST article - K'wood mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Damien.Vale@caa.GOV.AU
Message-ID: <01HXL6WDPI0K000SRS@mr.caa.gov.au>
Source record: 210314

I have been told that within the last few months "QST"
published an article concerning mods. to Kenwood transceivers
to use the SM220 Monitorscope or similar (mods. to the IF I
believe). I am interested in mods. to the TS450S.

Could someone please advise the issue(s) of QST these mods.
appeared in?

Damien VK3CDI

4036. DSP Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: billmcf@ra.isisnet.com
Message-ID: <485f1m$pa2@ra.isisnet.com>
Source record: 210315

A buddy and I have been considering making the big purchase of a DSP Filter. We both have the KENWOOD TS450S and are looking at several different types of filers.
One is the DSP-100 from Kenwood (which seems to be a bit pricey)
The other is various ones made from Timewave.

Looking for some feedback on peoples experinces especially WRT the DSP-100.

Thanks for the input and looking forward to getting some responses.

73 Bill

4037. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: brian@nothing.ucsd.edu
Message-ID: <485rvq$7d6@news2.ucsd.edu>
Source record: 210316
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <48058h$jc9@hg.oro.net> rst-engr@oro.net (Jim Weir) writes:
>If the question is by newsgroup, the return post should be by newsgroup.

I disagree. That is completely against the traditions and accepted
etiquette of Usenet news.

****
* The responses should be directed by e-mail to the person asking the *
* question, who should then post a summary of the responses. *
****

That is the correct way to do it.

Please consult the various 'network etiquette' documents for more details.
- Brian

4038. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: danb@a.crl.com
Message-ID: <4861cu$lfb@nntp.crl.com>
Source record: 210317
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

brian@nothing.ucsd.edu (Brian Kantor) wrote:

>In article <48058h$jc9@hg.oro.net> rst-engr@oro.net (Jim Weir) writes:
>>If the question is by newsgroup, the return post should be by newsgroup.

>* The responses should be directed by e-mail to the person asking the *
>* question, who should then post a summary of the responses. *

Actually, neither of these is always correct. Jim is right that it's pretty damn rude to post "please e-mail me, I don't read this newsgroup"--One would think that they could put themselves out enough to at least follow the group for a few days and see what gets posted.

If the subject is something that (1) doesn't interest many people, or (2) is not likely to be the subject of much debate, then e-mailing the poster is probably the way to go. Something like "Does anyone have an address for the Frozbin Widget Co.?" would fall into this category.

If there's wide interest, but no likely discussion, a summary may be appropriate. However, many topics benefit from discussion, which is not served by posting a simple summary.

I've read a number of the netiquette materials, and I don't recall any of them saying that "e-mail the poster and have him/her post a summary" was the only acceptable method. Several authors, however, have suggested it as one alternative.

In this, as in most other aspects of life, anyone with the One True Answer is probably wrong.

--
Dan Brown, KE6MKS
danb@a.crl.com, NOT danb@crl.com
Don't tread on me.
E-Mail published at my discretion.

4039. FS ACC RC-850 REPEATER CONTROLLER AND D.V.R.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Chipper@bronze.Coil.Com
Message-ID: <303_9511121612@panda.org>
Source record: 210318

From: chipper@bronze.coil.com ()
Subject: FS ACC RC-850 REPEATER CONTROLLER AND D.V.R.
Organization: Central Ohio Internet Link, Inc. (614)242-3814

I have an Advanced Computer RC-850 Repeater Controller and Digital
Voice Recorder for sale. The 850 is in a factory chassis but the D.V.R is
in a nice homebrew case. If your interested I would appreciate direct
E-mail.

chipper@bronze.coil.com

--
|Fidonet: Chipper@bronze.Coil.Com 1:330/317
|Internet: Chipper@bronze.Coil.Com
| Standard disclaimer: The views of this user are strictly their own.
| PandA's Den BBS FidoNet < > internet gateway - email info@panda.org

4040. Re: Where can I get copper tape/mettalic spray paint

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDHy80y.GxI@netcom.com>
Source record: 210319

Does anyone know of a good source for these $40 all steel cases?

The only RF tight PC cases that I have ever found have been really
industrial strength, and cost between $700 - $1000.

All of the others are either wide open in front , or have a lot of plastic.

I would love to find a good source for these at a reasonable price..

(gary@ke4zv.atl.ga.us) wrote:

: >Or for 40 bucks you can pick up a new mini-tower cabinet w/power :
>supply all steel.

: Now you're talking. Steel is a good barrier. It's resistive enough : to
dissipate E fields, and ferromagnetic with hystersis, so it does : a good
job damping rapidly varying H fields too. All seams should : be bonded
with a screw at least every 10 cm, and of course any : paint needs to be
removed from mating surfaces.

--
herbr@netcom.com

4041. Re: Antenna 4 Standard C508????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <486dlk$gre@nile.intac.com>
Source record: 210320

There is finally an alternative to the origional antenna supplied with this radio. Comet is now shipping the "SMA 3," a tri-band flexible antenna covering 144 / 430 / 900 MHz. They even promote it as a "Gain" antenna with package specs of 1.2 / 1.7 / 3.4 dBi, 10 Watt max. power and frequency coverage of 118~160, 250~290, 360~390, 420~470 and 820~960 Mhz.

The antenna has an SMA connector and does "seat" on the rubber ring around the radio's sma connector. The base is 3/8" Dia. X 1.875" metal followed by a 1/2" long plastic piece which tapers down to 1/4". The next piece is a ~7/8" metal sleeve, followed by a 6 5/8" flexible whip. Overall length is 9 13/16" which is long enough to tickle my underarms when I wear it on my belt, but not terribly long for a "Duck."

Performance in the amateur bands is somewhat better than the origional. It allows me to reach repeaters that I could only hear before, but the really dramatic improvement is outside the amateur bands. In places where I could just barely copy WX-1 (162.550 MHz) with the origional antenna, the SMA 3 gives full quieting reception and about a 1/2 scale reading on the LCD bar-graph. Aircraft band reception is similarly enhanced. On UHF, the results track pretty much with the VHF, although I have not yet had the opportunity to do any quantitative testing, it is, overall a nice improvement in performance. However, It does make the whole package look like the tail wagging the dog! The antenna is big enough to challenge the balance of the radio when it is standing upright. It makes the radio look like even more of a toy than before, but if improved performance is your goal, this is the best way to go.

The only other alternative I've found is to use an SMA Male to BNC Female adaptor. This will allow you to use either a BNC "duckie" or an external antenna, but I would not want this to be a steady diet. The adaptor relies on the SMA connector as it's sole means of support. It does not come into contact with the base 'ring' surrounding the connector, placing all of the stress and moment of inertia on the connector itself. If you drop the radio and it lands on the antenna the wrong way, it is possible to damage not only the connector, rendering it impossible to put the regular antenna back, but also to damage the case of the radio, neccessitating rather extensive and expensive repairs.

All things considered, until someone markets an antenna for this radio in the 6" long range, I'll stick with the Comet.

Gary,
WA2BAU

4042. Re: Do it for the log.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: <>
Message-ID: <ba2_9511122202@panda.org>
Source record: 210321

From: donk@a.crl.com (Don Kirkman)
Subject: Re: Do it for the log.
Organization: CRL Dialup Internet Access

Burt Fisher <k1oik@ccsnet.com> wrote:

>To: Multiple recipients of list HAM-L <HAM-L@TREARN.BITNET>

And countless others, it turns out :-)

>How many times have you heards folks say that they wanted the other
>guy's name, QTH, etc. for the log? My log couldn't care less about
>that information. Whenever I ask, it's because I want to know.

Hey, guys, why was this posted in puzzles, running, skiing, and half a dozen other groups? Ham related I can understand, but PLEASE look at the cross-posted groups!

BTW, I picked this up in rec.running, but I always wanted the name also--and of course I wrote it IN the log (where else, back in the old pre-computer days?) 73. N6IM

Don Kirkman donk@a.crl.com
Cerritos, CA
If I had a life I'd be having a mid-life crisis

--
|Fidonet: Don Kirkman 1:330/317
|Internet: Don.Kirkman@Don.Kirkman@*user@*site.*domain.org.org
| Standard disclaimer: The views of this user are strictly their own.
| PandA's Den BBS FidoNet < > internet gateway - email info@panda.org

4043. Re: Opinions on new Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.9280.7583.0NFBB7E7@woodybbs.com>
Source record: 210322

Subject: Re: Opinions on new Radio Sha

>Radio Shack's HTX-212 Mobile Transceiver...
>I've heard no serious complaints. Seems to be yet another solid
>performer.
>Clint Bradford

>>Supposed to less vulnerable to intermod being that it only covers
>>144-148 but then again it's made by RADIO SHAK ! ACK!

What an irritant...the damn thing only covers what it's advertised to
cover - and does it well.

Clint Bradford
---
* TLX v4.00 * ATTENTION to Details AMATEUR RADIO BBS - 909/681-6221

4044. re: Where can I get copper tape/mettalic spray paint

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Michael.Black@juxta.mba.org
Message-ID: <dd3_9511122230@mba.mba.org>
Source record: 210323

morganp@freenet.edmonton.ab.ca () is wondering where to
get copper tape, so he can keep his computer from interfering
with his radio.

I've wondered myself where to get copper tape. I know 3M makes
it (I got some literature from them once), and presumably a
distributor could get it. Of course, I've never followed that
up since I assume it might be hard to get the small amount I
need that way.

I came across a column in the local paper about where to get
supplies for making stain glass windows. Right there the columnist
specifically mentioned copper tape, and listed a couple of local
stores that sold stain glassed window making supplies where you
could get it.

So I'd suggest looking in your yellow pages for similar stores.
Maybe hobby or craft supply stores would carry it.

I haven't actually gone into one of the stores yet to check it
out, but this is a start. It was my impression that the tape
actually has adhesive on one side. Remember, if that's the
case, that side of the copper may not make an electrical connection
to whatever you are sticking it on. You might need to solder
the copper tape together at appropriate places to make the
shielding sound.

If it's more like a strip of thin copper foil, it should still
fit your application. Just use to some rubber cement to keep
things in place, and again, solder the edges together.

Hope this helps.

Michael VE2BVW
--
| Return Address: Michael.Black@juxta.mba.org
| Standard disclaimer: The views of this user are strictly their own.

4045. swap/buy xtals for Regency HR-2A 2-meter xcvr (antique)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: awinterb@du.edu
Message-ID: <4863s6$ns1@mercury.cair.du.edu>
Source record: 210324
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Keywords: antique 2-meter two-meter transceiver crystal xtal
Cc:

Will buy/swap HC-25U crystals for Regency 2-meter transceiver, model HR-2A.

WANT (buy or swap)

XTAL_FREQ	TYPE	ACTUAL FQ
146.445	TX	6.101875 MHZ
146.445	RX	45.24833 MHZ
147.225	RX	45.50833 MHZ
147.825	TX	6.159375 MHZ
146.64	RX	45.31333 MHZ
146.04	TX	6.085000 MHZ

HAVE (sell or swap)

XTAL_FREQ	TYPE	ACTUAL FQ
146.910	R	45.40333
146.310	T	6.09625
148.34	?	?
146.78	R?	45.36000?
146.85	R	45.38333
146.88	T	6.12000
146.88	R?	45.39333
145.010	T	6.04208
145.010	R	44.77000

Specifications:

RX XTALS:
Freq. tolerance of .001%
3rd overtone
Series resonance of 250 Hz
Max. equivalent series resistance of 35 ohms
Drive level of 2 MW
Holder HC-25/U

TX XTALS:
Freq. tolerance of .001% @ 25 deg. C,
.0015% from -10 to +60 deg. C
Fundamental mode

Load capacity of 32 pf
Max. series resistance of 40 ohms
Drive level of 2 MW
Holder HC-25/U

Art N0OQS
awinterb@du.edu

--
Art
awinterb@du.edu OR awinterb@diana.cair.du.edu

4046. Re: Rules of ham DUMB.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: "Dennis A. Mason" <damason>
Message-ID: <483ogf$4j5@sanews.uswc.uswest.com>
Source record: 210370
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

well burt sounds like you are very educated.

4047. Re: Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <rawiley.816154305@blue.weeg.uiowa.edu>
Source record: 210371
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

.

I think they can be fixed, see below;

>-> Burt Fisher Jokes:
>->
>-> 1. What is the thinnest book in the world?
>-> What Burt Fisher knows about women.
>->
>-> 2. How does Burt Fisher take a bubble bath?
>-> He eats beans for dinner.
>->
>-> 3. What's Burt Fisher's idea of foreplay?
>-> A half hour of contesting.
>->
>-> 4. How can you tell if Burt Fisher is sexually excited?
>-> If he's still breathing.
>->
>-> 5. Can Burt Fisher change a roll of toilet paper?
>-> We don't know...it has never happened.
>->
>-> 6. What's Burt Fisher idea of helping with the housework?
>-> Lifting his leg so you can vacuum.
>->
>-> 7. What does Burt Fisher consider a seven course meal?
>-> A hot dog and a six pack of beer.

Yeah, I know Burt gets off on seeing his name
posted, but I couldn't resist.

NE0R

4048. Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-1111951828010001@206.12.26.40>
Source record: 210372
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

In article <4835cg$ks1@alterdial.UU.NET>, Burt Fisher <k1oik@ccsnet.com> wrote:

-> Ham operator Jokes:
->
-> 1. What is the thinnest book in the world?
-> What hams know about women.
->
-> 2. How does a ham take a bubble bath?
-> He eats beans for dinner.
->
-> 3. What's a ham's idea of foreplay?
-> A half hour of contesting.
->
-> 4. How can you tell if a ham is sexually excited?
-> If he's still breathing.
->
-> 5. How many hams does it take to change a roll of toilet paper?
-> We don't know...it has never happened.
->
-> 6. What's a ham's idea of helping with the housework?
-> Lifting his leg so you can vacuum.
->
-> 7. What does a ham consider a seven course meal?
-> A hot dog and a six pack of beer.

Not only are they not funny they are not even original, your going to have
to find better material Burt! :)

73's

--
Scott Leaf VE7ZVZ
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club VA7SM - "To Boldy VHF Where No Man Has VHFed Before"

4049. Re: IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <483q96$190g@chnews.ch.intel.com>
Source record: 210373
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

In article <47td9r$lkv@daily-planet.execpc.com>,
Thomas Brockdorf <tbrock@execpc.com> wrote:

>Don't be worried about buying the 706. It is an excellent radio!
>I got mine last week, and I love it.

After the xmit open mod, will it transmit on 47 MHz? A Red-Cross
friend of mine wants to know.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

4050. Reasonable Yaesu FT-ONE Price?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: "Alan F. Olson" <aolson@halcyon.com>
Message-ID: <483h3u$94i@news.halcyon.com>
Source record: 210374

I paid $900 for a Yaesu FT-ONE. I think it was originally purchased in '82 and has gone through 2 owners. I seemed to work good at the shop, but I'm still pretty clueless since I'm only about a month into studying for my Tech+ ticket. Is this a reasonable price? The previous owner added more ram and an optional AM crystal filter. It came with a MH-1 B8 microphone, but no CW paddle. Thanks for the help.

--
****
* *
* aolson@halcyon.com *
* "Ain't No Nookie Like Chinookie" Ray Troll *
* *
****

4051. narrow LSB filter for FT890

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: tmedin@che2.CHe.umn.EDU
Message-ID: <80838.tmedin@che2.che.umn.edu>
Source record: 210375

how can i modify an FT890 so that it has a narrow (about 500Hz) filter
in LSB, for better selectivity in the digital sub-bands. adding a DSP
filter to audio just doesn't do the trick.

t medin
n0ufm

4052. Re: KENWOOD TS830 MODS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: time@tir.com
Message-ID: <483jr0$ft2@ramp2.lisp.com>
Source record: 210376

Dale Tiller <dale@magi.com> wrote:

>Does anyone know if there is a mod to convert a TS830 to a general coverge receiver?

No it cannot be done.

Tim (time@tir.com)

4053. Re: Icom Computer CI-V Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: John Fallows <fallowsj@cadvision.com>
Message-ID: <483l8b$1412@cadvision.com>
Source record: 210377

pmarkou@ferrets.iii.net (Peter M) wrote:
>I'm looking for some information about
>the Icom CI-V interface to remotely control an Icom radio.
ICOM COMMANDS:
You can order the technical manual (which covers all ICOM radios and
their commands, as well as how the interface works, from ICOM. Mine is a
bit out of date, but it was called "CI-V Icom Communication Interface - V
Reference Manual."
INTERFACE:
There are several cheaper alternatives to the ICOM-made interface unit.
One is from MFJ (see their catalogue). Or, you can build your own for
about $15 (depending on your junk box: see QST JULY 1992 page 37.
(Powered by RS232 port and a circuit board available from FAR Circuits.)
This article also gives the ICOM address for the Reference Manual. I
built this 3 years ago and it works fine. All it does is convert from
RS232 level at the computer to TTL level at the ICOM.
COMMENT:
It is very easy to program the ICOM, using the manual.
The only complaint I have is that the default baud rate is 1200 baud, and
to change this you need to cut/add diodes on the RX logic board (inside
my IC-728). I have chosen not to do so, but find the 1200 baud is plenty
fast for all my uses.
Any questions, send me a note! 73

--
John Fallows VE6MBA
Calgary, Alberta Ernst & Young (403) 261-4448
fallowsj@cadvision.com

4054. In Search of New Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Daniel Calzaretta <pcrest@teleport.com>
Message-ID: <483mao$l7r@maureen.teleport.com>
Source record: 210378

I am currently an inactive ham and want to get back into the hobby. I want to upgrade from my Kenwood 520TS to one of the following models. I would appreciate any user reviews to help me make a decision.

ICOM IC-706
YASEAU FT-900/AT
KENWOOD 50S
ALINCO DX-70T

Also, if you have suggestions other than these radios (as you can tell I am looking for something compact), please let me know.

Finally, I need advise on good dealers to purchase from.

Thanks in advance for your help.

Dan N9BCC
e-mail pcrest@teleport.com

4055. 9600 baud tnc rec?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: drsdo@ix.netcom.com
Message-ID: <483lga$hfq@ixnews7.ix.netcom.com>
Source record: 210379

I'm thinking of purchasing a 9600 baud tnc, primarily for packet. Any solid recommendations for a tnc? Please respond by email. Thanks.
Steve WO9L. drsdo@ix.netcom.com

4056. need manuals for ft-101 and drake tr-4

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: star@olympus.net
Message-ID: <48427o$oa8@olympus.net>
Source record: 210380

```
just got yaesu ft-101 and fv-101b need manuals and mic.
need manual for drake tr-4
```

4057. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: asource@ix.netcom.com
Message-ID: <485m5d$gqq@ixnews4.ix.netcom.com>
Source record: 210381
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

In <4825eh$k1h@alterdial.UU.NET> Burt Fisher <k1oik@ccsnet.com> writes:

>
>I said: "I have a VIC 20 I want to trade for a IC-781" (how long do we
>have read thesre messages where some ham wants to trade his junk for
>something woth something).
>
>
>From: KH2KQ@KA6EYH.#NOCAL.CA.USA.NOAM
>To : K1OIK@KQ1K.MA.USA.NA

Burt there is a Salvation Army Thrift Store in Thornton Colorado (on
Washington Blvd.) that as of last week, had a box with 4 Vic 20's for
sale for $10 --- is that a hint ???? --- surely you were not serious
about that type of trade or was it a typo.>

>Hello Burt,
>
>You actually got one of those VIC-20's you wanna trade?
>
>I do not have a Icom 781, but I does have a Kenwood 950SDX - howsa
bout dat?
>
>Only problem is dat it am attached under the counter of a 36 foot
>motorhome. So if youse trade for da 950 youse gotta take the motorhome
>too. Its got a generator and only 123 actual miles. But the problem
der
>is dat it am havin a dead battery and it can't start and it is in the
>driveway of my vacation home at the beach in Malibu - so youse also
>gotta take the house in Malibu if youse want the 950SDX.
>
>Howsomever, there is a beach bunny and her girlfriend that said they
>would just die if I sold the Malibu house on the beach, so they come
>with the house and the motorhome and the radio.
>
>If dat am OK, then weese got a deal!
>
>Oh yeah, does the VIC-20 got a DC power supply with it?
>
>By the by, if you hear of anyone who has a Kenwood TS-50 attached to a
>Mercedes 450SLC - I would like to trade a Radio Shack 202 for

it!!!!!!!
>
>73 de Chuck

4058. Re: Do it for the log.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <484m6o$21a@alterdial.UU.NET>
Source record: 210382
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.rad

bmicales@facstaff.wisc.edu (Bruce Micales) wrote:

>In the first instance, I am clearly stating as to why I want your name..I do
>keep a log of my contacts. Also this information can be used for sending QSL
>cards. All of this is quickly said by asking for your name for the log.
>However, I guess I could say "I would like to know your name because I am a
>nice guy,, I am keeping a log, and I might send you a QSL card". Hmmmm, seems
>a bit to much.

You prove my point that hams could give a damn about YOU they want your
name for the LOG so they can get an impersonal QSL card. Frequently I
hear hams on repeaters ask for a name FOR THE LOG, and not even a log for hams
there. Explain?

>Hams are very personable otherwise you would not have FM voice, AM voice, SSB
>voice, or even ATV.
>Bruce Micales

Be serious.
On voice what PERSONAL things do they say?

#================#===#
Burt Fisher	Teacher of video, broadcasting and electronics
Amateur call	South Dennis, Ma. (Cape Cod)
K1OIK	The less you say, the more people will remember
#================#===#
| k1oik@ccsnet.com fisher@meol.mass.edu |
#===#

4059. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: grizzarv@indirect.com
Message-ID: <485q5e$34s@globe.indirect.com>
Source record: 210383
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

InterSource (asource@ix.netcom.com) wrote:
: In <4825eh$k1h@alterdial.UU.NET> Burt Fisher <k1oik@ccsnet.com> writes:
: >From: KH2KQ@KA6EYH.#NOCAL.CA.USA.NOAM
: >To : K1OIK@KQ1K.MA.USA.NA
[chomp]

Folks, can we trim those followup-to lines? This has nothing to do with
pyrotechnics or rocketry. Or puzzles. Or skiing. Or - but you *do*
have the idea, right?

4060. cancel <485q5e$34s@globe.indirect.com>

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: grizzarv@indirect.com
Message-ID: <485q8s$34s@globe.indirect.com>
Source record: 210384
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.rad

```
io.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine
Control: cancel <485q5e$34s@globe.indirect.com>
X-Newsreader: TIN [version 1.2 PL2]
X-Newsreader: TIN [version 1.2 PL2]
Distribution:

Article cancelled from within tin [v1.2 PL2]
```

4061. Re: The test.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@freenet.ufl.edu>
Message-ID: <Pine.A32.3.91.951112233523.44084B-100000@freenet3.freenet.ufl.edu>
Source record: 210385
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.rad

Gee Burp... I see your going to be a pain in the ass in several news groups.... I don't know <or care> if your problem is caused RF, Magnetic fields or your just a plain foamer & drooler...

Why don't you try some of the other news groups for some help? //www/ Dr. Kavor.@ death.com, Birth contol retro-active, or one of the www// sites for "Do it yourself Frontal lobotomy, Electro-shock therapy or just wait for your new Lithuim tablets to come in....

If your that bored with life an have nothing better to do than complain; maybe we can get you on the "Uni-B" X-mas mailing list...

Don't go away mad just go away....

KD4QHH a.k.a. Tom

4062. Re: Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <484lpg$21a@alterdial.UU.NET>
Source record: 210386
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

ve7zvz@dowco.com (Scott Leaf) wrote:
>In article <4835cg$ks1@alterdial.UU.NET>, Burt Fisher <k1oik@ccsnet.com>
>-> 7. What does a ham consider a seven course meal?
>-> A hot dog and a six pack of beer.
>
>Not only are they not funny they are not even original, your going to have
>to find better material Burt! :)

They are half original.
I guess since the jokes are based on truisms they are not that funny.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#=========================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu |
#=============================================================================#
```

4063. Re: Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <484lsa$21a@alterdial.UU.NET>
Source record: 210387
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

rawiley@blue.weeg.uiowa.edu (R. Wiley) wrote:
>.
>
>I think they can be fixed, see below;
>
>>-> 7. What does Burt Fisher consider a seven course meal?
>>-> A hot dog and a six pack of beer.
>
>
>Yeah, I know Burt gets off on seeing his name
>posted, but I couldn't resist.
>
>
>NE0R

I must admit you nailed me good.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#=========================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu |
#=================================================================#
```

4064. Re: Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: time@tir.com
Message-ID: <484oqi$2r1@ramp2.lisp.com>
Source record: 210388
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Burt, why dont you just go away someplace else. Your the only one who
enjoys your "so called" wit. We all think your a jerk. You must lead
an awfully sheltered dull life if this is all you can find to do for
fun...

Burt Fisher <k1oik@ccsnet.com> wrote:

>ve7zvz@dowco.com (Scott Leaf) wrote:
>>In article <4835cg$ks1@alterdial.UU.NET>, Burt Fisher <k1oik@ccsnet.com>
>>-> 7. What does a ham consider a seven course meal?
>>-> A hot dog and a six pack of beer.
>>
>>Not only are they not funny they are not even original, your going to have
>>to find better material Burt! :)

>They are half original.
>I guess since the jokes are based on truisms they are not that funny.

>#================#==#
>| Burt Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | The less you say, the more people will remember |
>#================#==#
>| k1oik@ccsnet.com fisher@meol.mass.edu |
>#===#

4065. Grove's OnLine Interactive Catalog

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: bill@grove.net
Message-ID: <485414$c82@phoenix.grove.net>
Source record: 210389
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.swap,rec.radio.amateur.antenna,rec.radio.amateur.equipment

Grove Enterprises officially announces the arrival of its new Interactive Online Catalog. Along with specials just for the folks on the Internet, we also offer samples of Monitoring Times and Satellite Times. To check out the latest and greatest radio source on the web, direct your browsers to:

www.grove.net

These pages are NetScape 1.1 compatible.

4066. Re: Do it for the log.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: donk@a.crl.com
Message-ID: <30a6439c.3935195@165.113.1.21>
Source record: 210390
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Burt Fisher <k1oik@ccsnet.com> wrote:

>To: Multiple recipients of list HAM-L <HAM-L@TREARN.BITNET>

And countless others, it turns out :-)

>How many times have you heards folks say that they wanted the other
>guy's name, QTH, etc. for the log? My log couldn't care less about
>that information. Whenever I ask, it's because I want to know.

Hey, guys, why was this posted in puzzles, running, skiing, and half a dozen other groups? Ham related I can understand, but PLEASE look at the cross-posted groups!

BTW, I picked this up in rec.running, but I always wanted the name also--and of course I wrote it IN the log (where else, back in the old pre-computer days?) 73. N6IM

Don Kirkman donk@a.crl.com
Cerritos, CA
If I had a life I'd be having a mid-life crisis

4067. Re: Rules of ham DUMB.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: tubegod@cml.com
Message-ID: <ragnaroek1995Nov12.150534.4295@news2.compulink.com>
Source record: 210391
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Burt Fisher (k1oik@ccsnet.com) wrote:
: Ham operator Jokes:

Hi Burt! I really miss your *perspective* on amateur radio over there on
the RIME network.

: 1. What is the thinnest book in the world?
: What hams know about women.

I heard "Italian War Heroes" myself.

: 2. How does a ham take a bubble bath?
: He eats beans for dinner.

Yeah, I heard "How does a redneck take a......"

: 3. What's a ham's idea of foreplay?
: A half hour of contesting.

I heard "Brace yourself Martha"

: 4. How can you tell if a ham is sexually excited?
: If he's still breathing.

This one is very old......

: 5. How many hams does it take to change a roll of toilet paper?
: We don't know...it has never happened.

The version I head was "Men" and not just hams.

: 6. What's a ham's idea of helping with the housework?
: Lifting his leg so you can vacuum.

Once again, I had heard "men"

: 7. What does a ham consider a seven course meal?
: A hot dog and a six pack of beer.

Once again, I had heard "men".

Burt, you're gonna have to do a little better than this!

Cheers!

Andy

```
-------------------------------------------------------------------------
: ComputerLink Online (416)233-5410 104 lines, SLIP, 9600 - 28,800 bps :
-------------------------------------------------------------------------
```

4068. Still Need Sinadder info/manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: stelpony@ix.netcom.com
Message-ID: <485tjb$bg@ixnews5.ix.netcom.com>
Source record: 210392
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Hi fellow hams:

Still looking for info on Sinadder Model #S-101. Also willing to trade a goodie from the qrp junque box for good data. OR willing to pay costs for repro's.

Tnx,

John, N5INZ

4069. Re: THE Burt

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: timhynde@ix.netcom.com
Message-ID: <485uds$na4@ixnews2.ix.netcom.com>
Source record: 210393
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Burt Fisher <k1oik@ccsnet.com> writes:

> Frequently I hear hams say, THE name HERE is_____.
>How often do you say when you meet someone (assuming your name
>is Charlie), THE name HERE is Charlie? You never do that right? After
>to do so is so impersonal and asinine that you would not want
>to seem like a fool-then why do it on the air? Just because you
>are a ham is no excuse not to be personal. Of course you could
>really sound like THE jerk of the year by saying, THE first
>personal here is Charlie (at least if you are not personal-you are
>using the word-albeit it in an extremely impersonal way).
>Also why say "here", is your name any different when you are "there?"
>
>73 from we here (not there) at K1OIK where THE name are Burt.
>--------------------------------46492684123405--

Burt:

Did it ever occour to you that meeting someone in person is differnt
than meeting them on the air? In my 15 brief years as a ham and SWL I
have never heard a conversation, amateur or commercial that resembled
one I would have with someone face to face.

I dont remember ever telling anyone I was talking to face to face that
their voice was just above the noise level.

Furthermore I dont expect my radio contact to use perfect grammar or
say and do the things I do in order to enjoy communicating with him.

By the way Burt, whats this got to do with building and experimenting
this is rec.radio.amateur.homebrew isnt it?

Regards,

Tim Hynde ka8ddz

4070. Re: Rules of ham DUMB.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: randolw@ix.netcom.com
Message-ID: <483p6s$kk4@ixnews5.ix.netcom.com>
Source record: 210394
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

In <4835cg$ks1@alterdial.UU.NET> Burt Fisher <k1oik@ccsnet.com> writes:

>
>Ham operator Jokes:
>
>1. What is the thinnest book in the world?
> What hams know about women.
>
>2. How does a ham take a bubble bath?
> He eats beans for dinner.
>
>3. What's a ham's idea of foreplay?
> A half hour of contesting.
>
>4. How can you tell if a ham is sexually excited?
> If he's still breathing.
>
>5. How many hams does it take to change a roll of toilet paper?
> We don't know...it has never happened.
>
>6. What's a ham's idea of helping with the housework?
> Lifting his leg so you can vacuum.
>
>7. What does a ham consider a seven course meal?
> A hot dog and a six pack of beer.

What kinda beer? Can or bottle?

4071. Mods for Yaesu FT2700rh

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Neil Hosker <neil@morgan2.demon.co.uk>
Message-ID: <634992760wnr@morgan2.demon.co.uk>
Source record: 210395

I'm looking for a mod(s) for extending the frequency range of the
2700rh. Anyone have any? Anyone know where I might find some?

Neil
--

| Neil Hosker G8UEK EMail neil@morgan2.demon.co.uk |

4072. Need info on Icom IC-901

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: jenglish@sparc1.castles.com
Message-ID: <484gsu$5be@miwok.nbn.com>
Source record: 210396

Hello all;
I need info on the Icom IC-901. Got the new HRO's catalog in the mail yesterday and could not find this model in it. Is it discontinued? What can this rig do and are the accessories available?
Thanks you for reply

John

jenglish@sparc1.castles.com

4073. Need info on Kenwood TH27A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Francois Meehan <fmeehan@nlnet.nf.ca>
Message-ID: <484rqa$isv@coranto.ucs.mun.ca>
Source record: 210397

I need to have some info on a Kenwood TH27A.

Is it a Dual band radio?

Can u tell me some features on it?

Thanks in advance...

--
****
* Francois Meehan, Iron Ore of Canada, Labrador city, Newfoundland *
* Canada, Internet: fmeehan@nlnet.nf.ca, phone: (709) 944-8666 *
* Fax: (709) 944-8970, Senior Analyst: AS/400 & Novell Network *
****

4074. Wanted: Extended Freq Mod for Alinco DJ582

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: skozmo@aol.com
Message-ID: <4850rr$lvh@newsbf02.news.aol.com>
Source record: 210398

Does anyone know of a mod to enable the Alinco DJ-582 to TX on out of band freq,s ? Please e-mail to SKozmo@AOL.com.

4075. Re: Best Cw filter for TS850?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: jchol@aol.com
Message-ID: <48549f$mqp@newsbf02.news.aol.com>
Source record: 210399

I agree that the 500hz filters are the ones to buy. The 250 is too narrow.

4076. Icom 761 with high pitch noise - need help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: no9z@prairienet.org
Message-ID: <4854la$da0@vixen.cso.uiuc.edu>
Source record: 210400

I have an Icom 761A that will intermittently emit a high pitch
noise. The sound is very similar to that of a television high voltage
noise. It occurrs in rx and tx, but more pronounced in tx. Any ideas?
Any advice would be appreciated. tks de Lynn
--

4077. FS ACC RC-850 REPEATER CONTROLLER AND D.V.R.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: chipper@bronze.coil.com
Message-ID: <4854t7$qsa@ns.concourse.com>
Source record: 210401

I have an Advanced Computer RC-850 Repeater Controller and Digital Voice Recorder for sale. The 850 is in a factory chassis but the D.V.R is in a nice homebrew case. If your interested I would appreciate direct E-mail.

chipper@bronze.coil.com

4078. Kenwood TM241A SOLD

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: chris.smart@canrem.com
Message-ID: <60.415.3289.0N1FE0AB@canrem.com>
Source record: 210402

The Kenwood is sold, but the Sony SW55 Shortwave receiver is still for sale.

.. 73, VE3 SHT. 19 years old, and licensed since June 15, 1987!
___ Blue Wave/QWK v2.12

PGP 2.6 public key available upon request!

4079. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Abe Betesh <panflute@hs.wisenet.com>
Message-ID: <484sd9$oug@news.wisenet.com>
Source record: 210403

WANTED: D-104 Mic in exec condition or other for TR-4 Xceiver.
Contact panflute@hs.wisenet.com or call Abe (305) 771-7465

4080. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-12 00:00:00 UTC
From: Abe Betesh <panflute@hs.wisenet.com>
Message-ID: <484sgq$oug@news.wisenet.com>
Source record: 210404

WANTED: D-104 Mic and 34PNB noise blanker for a Drake TR4
panflute@hs.wisent.com or call Abe at (305) 771-7465

4081. Re: Mod gone bad on FT-51R?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <486n1n$fp8@ixnews7.ix.netcom.com>
Source record: 210255

In <4843nv$j2i@garlic.com> childers@garlic.com (Bill Childers) writes:
>
>I just performed the MARS/CAP mod on my FT-51R. Everything is working
properly,
>except for the cross-band repeat. I can enable that mode, but the
unit only
>receives, and never re-transmits the transmission. I use the
cross-band
>occasionally as I also have a Standard C508A that I use as a mobile
mic, and I
>have the FT-51 kick up the power to 5W.
>
>Please HELP!

* * * FT-51R CROSS-BAND HELP ! * * *

You need to turn ON your FT-51R in the DUPLEX MODE. Press [F] [9].

Now try the Cross-Band mode. It works !!!!!

73's

Kevin

>
>Bill Childers
>

4082. Re: Suggestions for first portable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: lfreitas@mitre.com
Message-ID: <lfreitas-1311950740580001@lfreitas.mitre.org>
Source record: 210256

Hi Chris;
I have a YAESU FT-530 HT that is about two years old, and is not
getting very much use. Therefor I would like to sell it. The 530 is a
2m/440 HT that comes with:

7.2V 600ma Battery
Battery Charger
MH-12 Speaker Mike
C-DC-5B Power adapter for the Car
Operating Manual

The 530 will be sold as a package only. My price is $350 or B.O. this
radio package. If you are interested in this radio or need more
information contact me via e-mail lfreitas@mitre.org. Thanks 73
de N1KLF Larry.

In article <482l4n$i78@news.ccit.arizona.edu>, chrisl@SEDS.LPL.Arizona.EDU
(Chris Lewicki) wrote:

> Hi Folks,
> I just passed my Technician's test this morning and I'm looking
> to buy a handheld radio.
> In general, the Yeasu and Kenwood units look the most attractive
> to me, in particular, I think I like the Yeasu FT 11, and the 51 (are
> these number right?) I suppose I have $300 or so to spend (maybe a
> little more), but I'd probably want to get a used one.
> Are the dual-bands all that useful, or would a 2m unit be fine?
>
> --
> --
> Christopher A. Lewicki + (520) 703-5542 + Maintainer of SEDS.LPL.Arizona.EDU
> Chair, Students for the Exploration and Development of Space (SEDS-USA)

4083. Info on Tektronics 1401A freq. analyzer?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: msmits@iaehv.IAEhv.nl
Message-ID: <487f40$s0l@iaehv.IAEhv.nl>
Source record: 210257

Hi,

I'm posing this question for a retired collegue that is a ham-radio
freak.
He is seeking the documentation of the Tektronics 1401A frequency
analyzer.

Please contact me by mail, because I ussually don't scan this group.

Greetings,
Martin Smits msmits@iaehv.nl
--
Martin Smits Email: msmits@iaehv.nl

4084. Re: TS-440S/AT Mods/Serv. Notes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: dara@physics.att.com
Message-ID: <DHzIz1.2F0@nntpa.cb.att.com>
Source record: 210258

jptaylor@execpc.com wrote:
: I've found several mods for the TS-440S/AT, but have not found a source
: for any repair bulletins / service notes. Although I am interested in
: any that may be available, I am specifically interested in anything
: dealing with the treatment of the VCO problem that is supposed to be
: rather chronic with this model.
:
: Thanks,
:
: Jim Taylor, K9JT
: jptaylor@execpc.com

Jim: I believe the VCO was potted with a waxy compound that
becomes conducting and destroys the varactor diodes. Remove
the stuff if it is still there.
73 Shel WA2UBK

4085. Re: Need Info-Yaesu FT-707 HF Rig!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1311951017420001@m14494-mac.mitre.org>
Source record: 210259

> I just picked up this radio and it is my first HF rig....I just became a
> TEch-Plus!

Congrats!

> I know very little about this radio and being as it is an older model, I
> was hoping someone could give me some hints, mods, problems ect. Any help
> would be appreciated....

I had one for a long time. It's a dandy little rig that was intended as a mobile rig; Yaesu named it the "Wayfarer". It works fine as a base station. It's unusual in that it has both an analog dial and digital frequency display.

No real problems to report; mine worked just fine. It's a pretty basic rig, with no frills. There is an external VFO available that's kind of odd; it's a flat box that goes under the rig, and there's no dial; you adjust frequency with up/down slew switches. The VFO in the main radio is not a synthesizer; it's a real analog VFO. The external vfo is synthesized, and it has some memories. I had one for while but found I never used it, so I sold it. It's a fine little rig. Best of luck.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

4086. Re: HTX-202; loosening antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: ignacy@misz.animal.uiuc.edu
Message-ID: <487oue$t6q@vixen.cso.uiuc.edu>
Source record: 210260

In <bd7cb$8c1c.353@News_1>, hcohen@analogic.com (Howard Cohen) writes:
>My HTX-202's antenna bnc connector is continually getting loose,
>causing an intermittant electrical connection. The bnc is fastened by
>a threaded ring with two notches in it, which I have been tightening
>with the wrong tool, a small screwdriver. Unfortunately, this does
>not give me enough leverage to really tighten it.
>
>Has anyone found a solution to this problem? What type of wrench
>is used to tighten this ring? Where can one purchase such a wrench?
>
Apply Locktite fluid to the thread and then tighten. I did it 3 years
ago and it worked fine ever since. Locktite compound can be found in
True Value for about $3..

Ignacy Misztal Ham radio: NO9E, SP8FWB
E-mail: ignacy@uiuc.edu
University Of Illinois 1207 W. Gregory Dr., Urbana, IL 61801, USA
tel. (217) 244-3164 Fax: (217) 333-8286

4087. Re: Any Icom IC25A Mods out there??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <487nea$5er@shore.shore.net>
Source record: 210261

jsollows@direct.ca (Jim Sollows) wrote:

>:Does anyone know if there are any mods available for the IC25A. I've
>:checked the most popular "mods" archives on the net without any luck.
>:I am particularly interrested in an extended receive mode for this
>:radio. Replies via e-mail would be appreciated. Thanks.

I have the IC25H, same radio but higher power. As far as I know there
are no mods for this radio. Owned mine since 1983. But, the only mod
I have done to it is to add a CommSpec Tone board...mother nature
modified my 25H shortly after I got so had to swap some components
with the pieces of charcoal in the rig.

It has been working fine since...except for the time in New Mexico
(dry air) when my XYL disconnected the antenna (we had just finished
listening to the Shuttle as it passed to the west) and connected it
again (while the radio was powered up) and took out three stages in
the receiver circuit. I may have gotten the last of the components
for the fix from Icom. Other than all that and the memory retention
circuit, all's fine. <grin>

==
jjmartin@shore.net |If psychics really are...and if
Lowell, Massachusetts |I really need one...why doesn't
USAF 1973-1993 |one call ME?
ex: KA5MWD-N1CLS-KB1LW-HL9ZF | Jim Martin, WK1V
==

4088. Re: HTX-202; loosening antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov13.151239.510@ke4zv.atl.ga.us>
Source record: 210262

In article <bd7cb$8c1c.353@News_1> hcohen@analogic.com (Howard Cohen) writes:
>My HTX-202's antenna bnc connector is continually getting loose,
>causing an intermittant electrical connection. The bnc is fastened by
>a threaded ring with two notches in it, which I have been tightening
>with the wrong tool, a small screwdriver. Unfortunately, this does
>not give me enough leverage to really tighten it.
>
>Has anyone found a solution to this problem? What type of wrench
>is used to tighten this ring? Where can one purchase such a wrench?

The optical trade uses these rings and use a wrench that they call
a *spanner* to tighten them. You can buy universal spanners that
consist of a bar with two adjustable "points" that engage the notches
in the ring. Optical supply houses sell them, Edmund Scientific
probably carries them.

There are a couple of "field expedient" solutions you can try.
You can use snap ring pliers end-on as an expedient spanner,
or you can cut a piece of tool steel stock to form a fixed
spanner of the right span for the particular nut you're tightening.
This is really the best solution, just fire up the milling machine
and machine an anealed tool steel bar to the proper dimension,
heat treat it to restore temper (ordinary oil hardening tool
steel can work, though beware of warpage, but air quench steel
will hold a tighter tolerance), and there you go, a custom
spanner just for tightening the antenna nut.

Or you can pitch the oddball nut and replace it with a thin
hex nut and use an ordinary 11/16ths socket wrench on it.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4089. FS: AL80B Amplifier and Timewave DSP-59+

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: JOHN LAVIS <jlavis@beta.delphi.com>
Message-ID: <487v4l$rtn@bert.beta.delphi.com>
Source record: 210263

For Sale by KK5GN:

1. Amplifier: MFJ AL80B 1000W $900 Amp was used about 5 times. I have the original boxes and documentation. I purchased it on June, 30 1994.

2. Audio Filter: Timewave DSP-59+ $200 Purchased 9/20/94, I have documentation and orginal box.

I will ship which ever way you want, you pay for shipping.

If interested E-mail me at Jlavis@beta.delphi.com

4090. R390 FS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: roy5715936@aol.com
Message-ID: <487vnn$g9s@newsbf02.news.aol.com>
Source record: 210264

R390 excellent condition, all knobs and meters, works and looks 100%
350.00 includes shipping.

4091. Re: HTX-202; loosening antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <48805e$q1b@charm.magnus.acs.ohio-state.edu>
Source record: 210265

In article <487oue$t6q@vixen.cso.uiuc.edu>,

>Apply Locktite fluid to the thread and then tighten. I did it 3 years
>ago and it worked fine ever since. Locktite compound can be found in
>True Value for about $3..

If you use the 270 series Locktite (red) be advised...it will NEVER come
apart again, even if you want it to. I would recommend the 240 series (blue)
for this, it will hold the nut just fine, and still be able to remove it if
you have to.

--
+================================+==================================+
|Christopher K. Greenhalgh, N8WCT |cgreenha@magnus.acs.ohio-state.edu |
|Electronic/Computer Tech. @ OSU |radio: n8wct@w8cqk.#cmh.oh.usa.noam|
+================================+==================================+

4092. Looking for info on military radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: mckee@fc.hp.com
Message-ID: <487vp2$5r4@fcnews.fc.hp.com>
Source record: 210266

Greetings:

I stopped at our local surplus store this weekend, and was surprised to see a military radio there. Unfortunatly, it was impossible to learn very much about it just by looking, and of course there is no documentation with it.

It is a US radio, and the front panel identifies it is a T282/GR, and it had a sticker which said "Modified for SAGE". Can anyone tell me what this is, if documentation would still be available, and anything else?

73,

Bret "looking for a winter project" Mckee

N0MTA

4093. Re: WANTED: Icom 725 MODS for 11 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.SOL.3.91.951113142331.24090E-100000@qni.com>
Source record: 210267

Tom,
When AM came out and replace the spark transmitters they
all thought each other WAS SCUM
(Tom AM referenced above is a emission type FYI)
And then when the SSB started replacing AM they were all SCUM again
SO I guess the HAMS have been DOUBLE SCUMMMMED

BTW 11 meters SSB is a mode allowed on CB
So the CB SSB'er are being CB'er all the way
in deference to your remarks below

And scum of radio.. try tuning down to 75 and 80 meters..
you might find some real good butties down there

Lighten up.. I'll bet your a lot of fun on the local repeaters

Gary Watts de N0OXV
Kansas City Mo
81 GL1100I

> It ain't legal even if you keep the power to five watts. Personally I
> think the AM guys on channel six have more brains than the guys that
> modify Ham transceivers to operate all over below and on ten meters. If
> someone wants to be a CB'er, be a CB'er all the way,,,,,Instead the SSB
> CB'ers try to be a self-righteous psudo-Amateurs by assigning themselve
> fake callsigns and following fake self-made rules. But when it comes down
> to it, the SSB CB lids break more rules and cause more trouble than the AM
> kilowatt operators ever do! They are the SCUM of radio.
>
> Tom
>
>

4094. Re: Best Cw filter for TS850?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <48817k$pkd@safety.ics.uci.edu>
Source record: 210268

This is all a matter of personal taste and the operator's desire to get rid of QRM. I have the 250 Hz filters in everything except one Kenwood 440, which has the IRCI 400 Hz filter. IF you use the IF shift control along with the narrow filters, the tuning is not hard, and is quite a joy to put it right at the tone you like. I much prefer the 250 filters personally, but know a lot of guys who like the 500 Hz filters. Many guys have the 500 Hz filters, then get more serious about CW, and they find they need to upgrade.

Hey, with the 850 you can have both anyway? Get one of each? On the used market, it shouldn't set you back too badly!

Good luck.

Clark
WA3JPG

4095. Uniden HR2600 President man & mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Thomas Brady <75701.2550@CompuServe.COM>
Message-ID: <487t61bna1@mhadg.production.compuserve.com>
Source record: 210269

I have recently acquired and installed a Uniden President HR2600.
Unfortunately it did not come with a manual. Can anyone help
locate a copy? I am also looking for the source of any mods for
this rig. I would also appreciate any suggestions or tips for
this radio. TNX Thomas Brady N1RIG

4096. Re: WANTED: Icom 725 MODS for 11 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4883lr$hes@newsbf02.news.aol.com>
Source record: 210270

In article <481eif$hlt@gfn1.genesee.freenet.org>,
bkotarsk@gfn1.genesee.freenet.org (Bill L. Kotarski) writes:

>> According to my mod book you need to open the top and bottom cover,
locate
>> the PLL board and cut diode D5. You then reset the microprocessor by
>> holding [function] & [MW] and turn power on.
>
>> This should work on the IC-725A and IC-726A. Make sure you keep the
power
>> level legal. enjoy!!!!

It ain't legal even if you keep the power to five watts. Personally I
think the AM guys on channel six have more brains than the guys that
modify Ham transceivers to operate all over below and on ten meters. If
someone wants to be a CB'er, be a CB'er all the way,,,,,Instead the SSB
CB'ers try to be a self-righteous psudo-Amateurs by assigning themselve
fake callsigns and following fake self-made rules. But when it comes down
to it, the SSB CB lids break more rules and cause more trouble than the AM
kilowatt operators ever do! They are the SCUM of radio.

Tom

4097. Re: Apartment ham needs RF Hot Spot advice

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: dara@physics.att.com
Message-ID: <DHzxAF.MEC@nntpa.cb.att.com>
Source record: 210271

Mparkes (mparkes@aol.com) wrote:
: I live on second floor of apartment. Running a IC751a into a Isotron
: 20/40/80 meter antenna sitting on the balcony. Antennas are tuned to
: resonance. I have grounded the rig to the only "ground" I have...the
: ground plug on the wall outlet, but I am still getting RF all over the
: radio on XMIT. Any advice as to what to so? I am using a tuner also
: (incase swr goews over 1.5 to 1) but it doesnt make any difference whether
: tuner ios in line or not. HELPPP!!!!!
: -Mike KS4DA

If you can not get a good earth ground, you might try a counterpoise.
Cut a piece of wire to 1/4 wavelength at the frequency that gives
you the most rf on your rig and attatch it to the ground lug. It
should help keep the rf from biting you.

73 Shel WA2UBK

4098. Re: Icom 706 - modified

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4884r9$14to@chnews.ch.intel.com>
Source record: 210272

In article <1995Nov8.090310.1@ntc01.tele.nokia.fi>,
<harjula@ntc01.tele.nokia.fi> wrote:

>The fourth yellow wire seems to control
>a lowpass/highpass 120 MHz filter. In the standard configuration the highpass
>filter is used only on 144-148 MHz, every other frequency uses the lowpass.
>Anyway, if you want to listen to frequencies above 120 MHz this mod is
>very useful. It does even remove most of the FM band intermodulation.
>I just don't understand why Icom has not put the switching limit on
>120 MHz instead of 144/148.

Does this mod affect HF or 6m? After the mod, what frequencies use the LP and
what frequencies use the HP filter?

thanks and 73, Cecil, KG7BK, OOTC (not speaking for my employer)

4099. YAESU FT-840 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: smackay@news.epix.net
Message-ID: <4888af$lnh@guava.epix.net>
Source record: 210273

What mods are extant for the 840? What sources of info?
Has anyone come up with a mod for AM to widen the passband so it doesn'nt
sound so muddy....spending a 100 plus bucks for a *filter* just
don't make sense.
It's a good little radio for mobile which is why I bought but for
fixed station I need to do some work.
73
Scott
W7GSM

4100. WTB: Kenwood TM742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: khenken@bgnet.bgsu.edu
Message-ID: <khenken-1311952124010001@m10-121.bgsu.edu>
Source record: 210274

I am in the market for a used Kenwood TM742A tri-bander mobile. I am particularly looking for one with the 6M, 2M, and the 70cm coverage. Anyone who wants to part with one should contact me at: khenken@bgnet.bgsu.edu .

73's de N8OSF

4101. NEEDED: UT-49 DTMF pagin/code-squelch board for Icom handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: 2WSK000@gc.maricopa.edu
Message-ID: <01HXLM52BITK0036UF@gc.maricopa.edu>
Source record: 210275

Through this net I have recently acquired an Icom 3SAT handheld (in the IC-2SAT/4SAT series of small HTs). The set is missing the UT-49 Touch-Tone code-squelch/paging board, which I will need to help ham communications with my soon-to-be-licensed wife. If you or someone you know has one of these internal-option boards available, please e-mail me with the scoop. It's OK with me if either the board was purchased but never used, or used but removed and saved when the set in which it was installed was sold. If the board works and the price is reasonable, I'm interested.

I will be looking forward to e-mail from any of you who can help.

Thanks.
Steve N7AJP/Phoenix 2WSK000@gc.maricopa.edu

P.S. I have for sale or trade an extra CTCSS (PL-transmit) board (UT-51) for that same series of Icom handheld transceivers.

4102. Re: HAVE MOD FOR YEASU FT-8500 ..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Jonathan Reich <panther@america.net>
Message-ID: <Pine.SV4.3.91.951113215804.22947A-100000@atl1>
Source record: 210276

Ok.. In breif.. Remove both top.. and bottom covers of the raido.
remove SPEAKER ..(easier to work with)..

Then remove the face.. 4 screws.

You will find a GREEN WIRE.. Its the only GREEN WIRE.. CUT IT!!!!!

THEN YOU MUST RESET THE VFO.. MUST for wide band mods... Then you have it!

On Mon, 13 Nov 1995, David Kwan wrote:

> In article <panther.816130215@atl1> you write:
> >If you want it.. let me know....
>
>
> My friend has been looking for the mod everywhere for many months. If
> you can send it to me, please do and thank you very much for sharing the
> information.
>
> 73
>
> David, Ke6pkp
>
>
>

4103. Re: Need info on Icom IC-901

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Conklin@forbin.com
Message-ID: <1995Nov13.225557.50573@cobra.uni.edu>
Source record: 210277

In article <484gsu$5be@miwok.nbn.com>,
jenglish@sparc1.castles.com (Wang Chung) wrote:
>Hello all;
>I need info on the Icom IC-901. Got the new HRO's catalog in the mail
>yesterday and could not find this model in it. Is it discontinued? What
>can this rig do and are the accessories available?

Aw gone! AES and Radio City have advertised some remaining band units, but
the radio was disco-ed in 1994. Too bad too, since Icom's "replacement" only
offers the 2/.70/.23cm bands, no choices! (This ain't Burger King, you only
get it OUR way!)
Have to stick with Kenwood if you want/need 6m or 125cm along with the
standard bands in one mobile box.

Chris Conklin
Amateur Radio station N0PAV
Conklin@Forbin.com

4104. Re: J POLE ANTENNA Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: gray@Acad.Humberc.On.Ca
Message-ID: <DI03MA.M88@Acad.Humberc.On.Ca>
Source record: 210278
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

charles copeland (charles1@netcom.com) wrote:
: In article <charles1DHso2z.3Hy@netcom.com>,
: charles copeland <charles1@netcom.com> wrote:
: >
: >From: N6DCD@KB7WE.#WWA.WA.USA.NOAM (packet)

: I have two questions about making a J pole.

: 1) The plans show that the entire J is made of copper with
: no insulating material between the two legs. The antenna
: connects between the two legs. Wouldn't this short out
: the transmitter?

The short arm of the J and tthe bottom section of the long arm form
a 1/4 wavelength section of open wire transmission line. This
transmission line is arranged as a shorted stub, thus the impedance
along the line varies from 0 at the short to infinite 1/4 wavelength
away, with the feedline connecting at about the 50 ohm impedance point.
The open end of the shorted stub just happens (yeah right) to be a
very good match to the high impedance at the end of a dipole antenna,
and guess what, the length of the portion of the long arm of the J
that extends beyond the end of the short arm is 1/2 wavelength long.

The J-pole antenna is simply an end fed 1/2 wave dipole with a 1/4
wave matching section that happens to be physically constructed from
the same piece of material as the radiating element.

: 2) How does a J pole rate with other antennas? 1/4 wave ground plane?

A J-pole should have the same characteristics as a dipole.

4105. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: stevesam@visi.com
Message-ID: <4866hj$hq@mixer.visi.com>
Source record: 210325
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

asource@ix.netcom.com (InterSource) wrote:

<snip>
>>73 de Chuck

Please remove rec.pyrotechnics from this thread.
Me

4106. Re: Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <4867e4$l55@alterdial.UU.NET>
Source record: 210326
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

time@tir.com (Tim English) wrote:
>Burt, why dont you just go away someplace else. Your the only one who
>enjoys your "so called" wit. We all think your a jerk. You must lead
>an awfully sheltered dull life if this is all you can find to do for

Then why do I get frequent messages that appreciate my comments?

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#=========================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu |
#=============================================================================#
```

4107. Re: THE Burt

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <48682v$l55@alterdial.UU.NET>
Source record: 210327
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

timhynde@ix.netcom.com (Tim Hynde ka8ddz/qrp Rochester, MI) wrote:

>Did it ever occour to you that meeting someone in person is differnt
>than meeting them on the air? In my 15 brief years as a ham and SWL I
>have never heard a conversation, amateur or commercial that resembled
>one I would have with someone face to face.

>Tim Hynde ka8ddz

You mean in person you are supposed to sound like a person but on
the air sounding like an ass is OK? All my conversations are spoken
as much as they would be in person as possible.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#=========================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu |
#=====================================================================#
```

4108. Re: Do it for the log.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: time@tir.com
Message-ID: <4867nc$q2u@ramp2.lisp.com>
Source record: 210328
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

donk@a.crl.com (Don Kirkman) wrote:

>Burt Fisher <k1oik@ccsnet.com> wrote:

>>To: Multiple recipients of list HAM-L <HAM-L@TREARN.BITNET>

>And countless others, it turns out :-)

>>How many times have you heards folks say that they wanted the other
>>guy's name, QTH, etc. for the log? My log couldn't care less about
>>that information. Whenever I ask, it's because I want to know.

>Hey, guys, why was this posted in puzzles, running, skiing, and half a
>dozen other groups? Ham related I can understand, but PLEASE look at
>the cross-posted groups!

>BTW, I picked this up in rec.running, but I always wanted the name
>also--and of course I wrote it IN the log (where else, back in the old
>pre-computer days?) 73. N6IM

>Don Kirkman donk@a.crl.com
>Cerritos, CA
>If I had a life I'd be having a mid-life crisis

Gee, why dont you ask our good buddy Burt Fisher !

Tim (time@tir.com)

4109. Re: THE Burt

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: chef_don@ix.netcom.com
Message-ID: <486en3$b5f@ixnews5.ix.netcom.com>
Source record: 210329
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

In <48682v$l55@alterdial.UU.NET> Burt Fisher <k1oik@ccsnet.com> writes:

>
>
>timhynde@ix.netcom.com (Tim Hynde ka8ddz/qrp Rochester, MI) wrote:
>
>>Did it ever occour to you that meeting someone in person is differnt
>>than meeting them on the air? In my 15 brief years as a ham and SWL I
>>have never heard a conversation, amateur or commercial that resembled
>>one I would have with someone face to face.
>
>>Tim Hynde ka8ddz
>
>You mean in person you are supposed to sound like a person but on
>the air sounding like an ass is OK? All my conversations are spoken
>as much as they would be in person as possible.
>
>#================#===
#
>| Burt Fisher | Teacher of video, broadcasting and electronics
|
>| Amateur call | South Dennis, Ma. (Cape Cod)
|
>| K1OIK | The less you say, the more people will remember
|
>#================#===
#
>| k1oik@ccsnet.com fisher@meol.mass.edu
|
>#===
#
>
>

on the air he tries to come through as much of a person as possible,
but on the internet he comes through as quite the ASS!

4110. Re: Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: jasonl@cts.com
Message-ID: <486ip6$7me@news2.cts.com>
Source record: 210330
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Well, DAWG! Burt Fisher's jokes not funny?
Y'all must got rocks fer brains! Ah'z just finishin'
readin' some print outs of Burt's jokes while
relaxin' in the bath -- fartin' up a storm.
Makes like a freakin' hot tub.

Ye haw! Let's hear it for Burt's humor!

--
jasonl@cts.com
"I choose to assert my fifth amendment privilege."

4111. Re: Need info on Kenwood TH27A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: hbpower@ramhb.co.nz
Message-ID: <4861m7$pp2@news.ramhb.co.nz>
Source record: 210331

Francois Meehan <fmeehan@nlnet.nf.ca> wrote:

>I need to have some info on a Kenwood TH27A.

>Is it a Dual band radio?

>Can u tell me some features on it?

>Thanks in advance...

>--
>**
>* Francois Meehan, Iron Ore of Canada, Labrador city, Newfoundland *
>* Canada, Internet: fmeehan@nlnet.nf.ca, phone: (709) 944-8666 *
>* Fax: (709) 944-8970, Senior Analyst: AS/400 & Novell Network *
>**
Francois

I own a TH27, and it is a 2m hand held. (144-148 Mhz) VHF only, not
a dual bander. The dual band equiv would be the TH79 or similar.

Please contact me if you require specific info.

Cheers Ross ZL2TGN

4112. Re: Icom 761 with high pitch noise - need help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Barry <bjjt@pipeline.com>
Message-ID: <486cgf$rtf@news.nyc.pipeline.com>
Source record: 210332

no9z@prairienet.org (Lynn D. Osterbur) wrote:
>
> I have an Icom 761A that will intermittently emit a high pitch
>noise. The sound is very similar to that of a television high voltage
>noise. It occurrs in rx and tx, but more pronounced in tx. Any ideas?
>Any advice would be appreciated. tks de Lynn
>--
Hi Lynn,
Mine has a similar noise. I think it may be due to a faulty dc-dc
converter which helps drive the freq. display. Do you ever have any
problems with the freq. display?

Barry

4113. Kenwood TM-732

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Chuck Hanson <crhanson@pop.athenet.net>
Message-ID: <486knu$7hk@hermes.athenet.net>
Source record: 210333

Hi my name is Chuck,

I'm posting this for a friend that has a TM-732 dual bander. He has had it about 2 1/2 years and it has been working great since he bought it. Last Friday night it was working fine, Saturday morning he turned it on, the "dial" lit up and looks normal, but it there isn't any audio on receive and no audio or RF output on transmit on either band, also there isn't any beeping when you push the control buttons.

Have you ever had a problem with this? Do you know what might be wrong? He is running it as a base station and using a 20 amp Astron power supply for the "12V dc" supply.

If you can be of any help, please E-Mail at: crhanson@athenet.net

Thanks and 73 Chuck N9OEQ

4114. Tube sources

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: EUGENE.WELCOME@rook.wa.com
Message-ID: <039D144F@rook.wa.com>
Source record: 210334

TOM.BIGGS@DSCMAIL.COM desperately seeking antiquity. ;)

>I'm seeking a vacuum tube. No, not an old 4-pin tube for an
>Atwater-Kent, just a regular ol' 6GH8A. Local suppliers are
>coming up empty.

Hi Tom; I have had Atwater-Kents that I destroyed as a kid. Early 40's.
I may still have a few 4 pin tubes left. The 6EA8 is identical to the
6GH8 and became the 6EA8/6GH8 tube types by the mid 60's as they were
separate tube designs to begin with. They were too close in operating
characteristics to remain separate tube types.

> If someone could point me to a mail-order source

Here is the list I have. Standard disclaimer. I have no connection with
any company listed, financially or otherwise. I have had no dealings
with them either.
I have a cross reference system that I have used for 30 plus years that
I posted here a couple of months ago on this conf. I you are interested
it is large, about 6 or 7 postings of 130 to 140 lines each.
_ /|
\'o 0'
73, Gene, K7"EEK" !! a =(_"_)= ?? He ate my Mouse !
U
eugene.welcome@rook.wa.com

Catalogs and sources of Vacuum tubes ("valves") in the U.S.

Note I haven't verified these phone # in 2 years.

Adkins, Charles P. N8QXP (313) 382-0272
1821 La Blanc. Tubes
Lincoln Park,MI 48146

Alltronics: Main. (408) 943-9773: FAX (408)943-9776
2300 Zanker Road Excellent Tube selection at reasonable prices
San Jose, CA 95131 Main Store. Components, grab bags etc. Min $15
24 hour BBS (408)943-0622 2400 Baud - N-8-1

Alltronics: Branch Store. (702) 897-7237
6283 S. Industrial Ave. Components, grab bags etc.
Las Vegas Nv.89118 Not sure if branches have tubes.

Alltronics: Branch Store. (801) 485-5117
2888 S. Main St. Components, grab bags etc.
Salt Lake City, Ut. 84115 Not sure if branches have tubes.

Antique Audio (512) 467-0304
5555 N. Lamar, Bldg. H-105 Tubes, parts, books, kits
Austin, TX 78751

Antique Electronic Supply Co. (602) 820-5411
6221 S. Maple Avenue Tubes & other components
Tempe, AZ 85283

Antique Radio Classified (508) 371-0512 Write for free sample
P.O. Box 802 Magazine.You'll find almost ANYTHING here
Carlisle, MA 01741 for older radios, obscure parts, tubes etc.

C & N Electronics (800) 421-9397:(612) 429-9397:FAX#(612) 429-0292
6104 Egg Lake Road Buy & sell tubes
Hugo, MN 55038

CeCo Communications (212) 646-6300
2115 Avenue X Vacuum tubes
Brooklyn, NY 11235

Daily Electronics (800) 346-6667: (206) 896-8856: Fax#(206) 896-5476
10914 N.E. 39th Street Tubes, all types.(CW paddles, keyers etc.
Vancouver, WA 98682

Davilyn Corporation (800) 235-6222 Fax (818) 787-4732: Tubes Vacuum-
13406 Saticoy St. -variable Caps. HV. Caps. Tranmit Caps. Test eqip.
North Hollywood, Ca. 91065-3475 Used Ham gear(Collins) Pwr Supplies
Call for catalog. Good selection. Some prices good, others high.

DH Distributors (316) 684-0050
P.O. Box 48623 Tubes, radio, TV, industrial
Wichita, KS 67201

Electron Tube Enterprises (802) 879-0611
Box 311 Tubes
Essex, VT 05451

Fair Radio Sales (419) 227-6573: (419) 223-2196: FAX:(419) 227-1313
1016 E. Eureka Box 1105 Tubes, Parts, transformers, power supplies,
Lima, OH 45802 Surplus and gov't surplus radios etc.

International Components Corp.(800) 645-9154 (516) 293-1500
105 Maxess Rd. FAX: (516) 293-4983 TELEX: 221576
Melville, NY 11747 Vacuum Tubes

Jolida Tube Factory (800) 783-2555
10820 Guilford Road Vacuum tubes
Annapolis Junction, MD 20701

Madison Electronics (800) 231-3057:(713) 729-7300:FAX:(713) 729-4766
12310 Zavalla Street Tubes, capacitors, meters, keys, accys.
Houston, TX 77085

New Sensor Corp. (800) 633-5477: (212) 529-0466: FAX:(212) 529-0486
133 Fifth Avenue Vacuum tubes galore! $50.00 Min.order.

New York, NY 10003

P.E.M. Tubes (916) 383-9107
7392 French Road Tubes, radio, TV, transmitting, CRT
Sacramento, CA 95828

RF Parts (800) 854-1927 (619) 744-0700 (0728)
1320 Grand Avenue RF power transistors & tubes.
San Marcos, CA 92069

Steinmetz Electronics (219) 931-9316
7519 Maplewood Avenue Tubes
Hammond, IN 46324

Unity Electronics (800) 528-5014 Ext.74: (508)584-4500:
P.O. Box 213 FAX:(508) 584-0096 Vacuum tubes
Elizabeth, NJ 07206

4115. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: jimc@mdsroc.com
Message-ID: <487hjv$19c@mdsroc.com>
Source record: 210335
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

Oh, I see, the self-righteous calling the self-righteous self-righteous.

I've only been an amateur radio operator for 18 years and I would have to agree with some of the observations. But amateur radio is not the people who participate, but the act of participating. Yes there are some bad apples, but in most activities which concentrate a group of individuals with a specific activity, such as talking to each other on the radio, this is bound to happen. Unfortunately, we are not all as perfect as we should or could be, but I didn't get into amateur radio to join some perfect elite group, I got in because I found being able to communicate over thousands of miles, with a make shift antenna and a relatively inexpensive radio, pretty cool. Other people probably got in for other reasons. Sadly, I think a vast majority of amateur radio operators don't even know what the FCC part 97 reason for amateur radio's existence is.

Don't let the bad apples spoil the excitement that can be found in amateur radio, there is something there for everyone (wives/girlfriends too).

4116. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: spug@intlog.demon.co.uk
Message-ID: <816282897.27302@intlog.demon.co.uk>
Source record: 210336
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

jimc@mdsroc.com (Jim Clarke) wrote:

>Oh, I see, the self-righteous calling the self-righteous self-righteous.

>I've only been an amateur radio operator for 18 years and I would have to
<>SNIP><
>Don't let the bad apples spoil the excitement that can be found in amateur
>radio, there is something there for everyone (wives/girlfriends too).

Rec.puzzles.crosswords DOES NOT CARE. Please return to a ham radio newsgroup,
or even better go back to your bloody radio and talk to people who do.

Bloody but unbowed=
==========Spug (Sparrow) London.==========

4117. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: whirlwind@fangz.com
Message-ID: <487uub$jod@news.dx.net>
Source record: 210337
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

Speaking of idiots, this wound up in a very inappropritate newsgroup. I've taken the liberty of leaving that newsgroup out of further discussion.

--
~~~~~~
Barry K. Swank, Jr. Rochester, NY
Whirlwind@fangz.com

Sig under construction!
~~~~~~

4118. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: crazyone@city-net.com
Message-ID: <crazyone-1311952305460001@async9.city-net.com>
Source record: 210338
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

In article <488ff6$srk@i-2000.com>, dougrand@i-2000.com (Doug Randall) wrote:

> Burt Fisher <k1oik@ccsnet.com> wrote:
>
> >I said: "I have a VIC 20 I want to trade for a IC-781" (how long do we
>
>
> >Howsomever, there is a beach bunny and her girlfriend that said they
> >would just die if I sold the Malibu house on the beach, so they come
> >with the house and the motorhome and the radio.
>
> >By the by, if you hear of anyone who has a Kenwood TS-50 attached to a
> >Mercedes 450SLC - I would like to trade a Radio Shack 202 for it!!!!!!!
> >
> >73 de Chuck
> Hello Chuck,
>
> I gotta Mercedes 350SL and it comes with a Alinco DR600. Been
> thinking that I might want to trade for those two beach bunnies if you
> don't want them any more...
>
> 73's Doug
>
> KN2Y

Some of us would really appreicate it if you would take rec.roller-coaster
out of your follow ups. Is that too much to ask? It's questionable what
this has to do with anything, but it certainly has nothing to do with
roller coasters.

Thank you.

CrazyOne <---

<===>
crazyone@city-net.com | "I say what it occurs to me to say when I
Greg Pacek | think I hear people say things. More I
Pittsburgh, PA, USA | cannot say." --the ruler of the Universe
<===>
**** New update!! 31 October 1995 ****
Check out the Creative Craziness home page, Outside the Asylum
---> http://www.city-net.com/~crazyone <---

4119. Replies to Burt Fisher are Spamming the Net

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <489a3b$l31@crash.microserve.net>
Source record: 210339
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

To all readers:

Please check the "Post To:" or "Newsgroups:" listing in your
newsreader before responding to Burt Fisher. He is spamming many
groups with his posts and your followups are doing the same.

Thanks,

Jack

4120. Re: THE Burt

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: ka1kjz@ix.netcom.com
Message-ID: <487put$pf2@ixnews2.ix.netcom.com>
Source record: 210340
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

In article <486en3$b5f@ixnews5.ix.netcom.com>,
chef_don@ix.netcom.com (Donald R. Sanchez) wrote:

_____ LOTS OF STUFF NUKED _____

>
>on the air he tries to come through as much of a person as possible,
>but on the internet he comes through as quite the ASS!

Here's an original idea here....

IGNORE THE ASS... KILL FILES ARE OUR FRIENDS

I added Burt to my killfile, and WHOA.. the number of messages my newsreader
thinks it has is about half what it was.

Now... if there is only a way of filtering out responses.

--
****
The opinions contained herein are mine and mine alone, so there!
For only I am capable of spewing forth such absurdities and my
boss / internet provider / own mother will laugh heartily at any
attempt to bring them into this and disavow any knowlege of me.
Then we'll have a beer and have a good laugh at your expense.
****

4121. Re: IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: andy@pbs.plym.ac.uk
Message-ID: <487mma$a3n@runestaff.pbs.plym.ac.uk>
Source record: 210341
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

Matthew <100751.1262@CompuServe.COM> wrote:

>Quick!
>I need first-hand, unbiased advice on the IC706!
>I plan to buy it v. soon if I do not hear any stinking reports!
>Help!

In case you've not found it yet, check out:

http://www.worldserver.pipex.com/nc/icom/icom706r.htm

for a copy of the RSGB review.

I like my IC-706, but would prefer it if the fan didn't run all the
time :-(

Regards
Andy

==========
Andy McMullin - G8TQH
Technical Support, Plymouth Business School, University of Plymouth
_
Drake Circus ---------------+---------------
Plymouth ___ /^^[___ _
PL4 8AA /|^+----+ |#__________//
England (-+ |____| ______-----+/
==_________--' \
Tel: +44 (0)1752 232835 ~_|___|__
Fax: +44 (0)1752 232880
X400/rfc1006 : g=Andy;s=McMullin;o=Plymouth;ou=Business-School;p=uk.ac;c=GB
rfc822/JANET : Andy.McMullin@pbs.plym.ac.uk

4122. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: stevesam@visi.com
Message-ID: <487urp$arl@mixer.visi.com>
Source record: 210342
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

beeb@ix.netcom.com wrote:

>Burt Fisher <k1oik@ccsnet.com> wrote:

>(snip)

>What the hell does this have to do with rollercoasters?

>Please remove rec.roller-coaster from this thread.

<inappropriate groups cut from subject line>

Rec.pyrotechnics too...and everything that isn't radio related.
Me

4123. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Chris White <chris_white@mail.utexas.edu>
Message-ID: <487vm3$9n4@geraldo.cc.utexas.edu>
Source record: 210343
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Please stop posting this crap to rec.scuba, rec.scouting, rec. ....

I've removed the bogus cross-posts from the Post To: header above. Please give
us a break: Please Please Please look at those headers when you post, ok?
--
Chris White e-mail: chris_white@mail.utexas.edu
\\// Live long and prosper.

4124. Re: THE Burt

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: STOP@CROSS-POSTING.COM
Message-ID: <DHzopq.Ky2@eskimo.com>
Source record: 210344
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Burt Fisher <k1oik@ccsnet.com> wrote:

>timhynde@ix.netcom.com (Tim Hynde ka8ddz/qrp Rochester, MI) wrote:

>>Did it ever occour to you that meeting someone in person is differnt
>>than meeting them on the air? In my 15 brief years as a ham and SWL I
>>have never heard a conversation, amateur or commercial that resembled
>>one I would have with someone face to face.

>>Tim Hynde ka8ddz

>You mean in person you are supposed to sound like a person but on
>the air sounding like an ass is OK? All my conversations are spoken
>as much as they would be in person as possible.

>#===============#===#
>| Burt Fisher | Teacher of video, broadcasting and electronics |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OIK | The less you say, the more people will remember |
>#===============#===#
>| k1oik@ccsnet.com fisher@meol.mass.edu |
>#===#

COME ON BURT !!!!!!!!!!!!

>rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur..space,
>rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,
>rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

BURT,
Annoying, slandering, mean-spirited are all easy attributes
and you excel in every field. You occasionally kinda sorta
show some intelligence. Why don't you quit taking the LAZY
route of cross-posting, and instead narrow it to the respective
group.
If seeing the responses generated by your remarks fascinates
you, I'm sure somewhere in the halls of M.U. is a psychology
professor that may be able to help you.
Of course, practicing what you preach would be nice too !!!

>| Burt Fisher | The less you say, the more people will remember |

regards,
founding member of the Stamp Out Cross-Posters Society SOCS

4125. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: stevesam@visi.com
Message-ID: <488amm$f88@mixer.visi.com>
Source record: 210345
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

spug@intlog.demon.co.uk (Sparrow) wrote:

>jimc@mdsroc.com (Jim Clarke) wrote:

<snip>
>Rec.puzzles.crosswords DOES NOT CARE. Please return to a ham radio newsgroup,
>or even better go back to your bloody radio and talk to people who do.
>
>Bloody but unbowed=
>==============Spug (Sparrow) London.==========================

<inappropriate groups cut>

PLEASE PLEASE PLEASE stop this thread.
Re-issue it with a new groups line.
rec.pyrotechnics doesn't care either.
Me

4126. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: stevesam@visi.com
Message-ID: <488apa$f88@mixer.visi.com>
Source record: 210346
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

whirlwind@fangz.com () wrote:

>Speaking of idiots, this wound up in a very inappropritate newsgroup. I've
>taken the liberty of leaving that newsgroup out of further discussion.

<sig cut>
<inappropriate groups cut>

Why not use your judgement and remove ALL inappropriate groups like I
did?
Me

4127. Re: Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Andrew C Robertson <drewbob@mit.edu>
Message-ID: <488eh3$qfo@senator-bedfellow.MIT.EDU>
Source record: 210347
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

rawiley@blue.weeg.uiowa.edu (R. Wiley) wrote:
>
> I think they can be fixed, see below;

No, these are still not funny. They need new punchlines. Regard:

>>-> Burt Fisher Jokes:
>>->
>>-> 1. What is the thinnest book in the world?
"A Boy's First Book of Subtlety" by Burt Fisher
>>->
>>-> 2. How does Burt Fisher take a bubble bath?
He gets into a 55 gallon fish tank with some piranhas
>>->
>>-> 3. What's Burt Fisher's idea of foreplay?
Posting usenet articles until his wife falls asleep
>>->
>>-> 4. How can you tell if Burt Fisher is sexually excited?
We don't know...it has never happened
>>->
>>-> 5. Can Burt Fisher change a roll of toilet paper?
He prefers to use old newspapers spread out on the floor
>>->
>>-> 6. What's Burt Fisher idea of helping with the housework?
Fleeing
>>->
>>-> 7. What does Burt Fisher consider a seven course meal?
Any one-course meal plus six doses of ipecac

drewbob aa1hx MP NTAP

4128. re: spamming the net - was Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Steve.Breland@rmh.edu
Message-ID: <488fb2$ehk@news1.sunbelt.net>
Source record: 210348
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Burt Fisher <k1oik@ccsnet.com> wrote:

>I said: "I have a VIC 20 I want to trade for a IC-781" (how long do we
>have read thesre messages where some ham wants to trade his junk for
>something woth something).
>
Burt,
How's about trimming the non-radio groups from your posting
Newsgroups?
Thanks,

-Steve
email: Steve.Breland@rmh.edu

4129. Re: THE Burt

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <488jbf$c53@alterdial.UU.NET>
Source record: 210349
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc, rec.radio.amateur.antenna

ka1kjz@ix.netcom.com (Ronald C. Barnes) wrote:

>
> IGNORE THE ASS... KILL FILES ARE OUR FRIENDS

Ignore?
Like you did?

>
>I added Burt to my killfile, and WHOA.. the number of messages my newsreader
>thinks it has is about half what it was.
>
>Now... if there is only a way of filtering out responses.

And now you are bored to death?

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | The less you say, the more people will remember |
#================#=========================================================#
| k1oik@ccsnet.com fisher@meol.mass.edu |
#=============================================================================#
```

4130. Re: THE Burt

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: rfm@urth.eng.sun.com
Message-ID: <RFM.95Nov13174719@urth.eng.sun.com>
Source record: 210350
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

In article <DHzopq.Ky2@eskimo.com> STOP @CROSS-POSTING.COM writes:

BURT,
Annoying, slandering, mean-spirited are all easy attributes
and you excel in every field. You occasionally kinda sorta
show some intelligence. Why don't you quit taking the LAZY
route of cross-posting, and instead narrow it to the respective
group.

Geez, don't give him a clue! I've got a killfile that zaps all postings to more than 5 newsgroups, since anything that widely crossposted is always a waste of time. I had idly wondered why all the Burt followups had dropped off my radar, but was mainly just happy that they had. (I happened to trip over your posting while experimenting with a different newsreader configuration.) Burt, *please* keep on crossposting, it really helps me out.

(BTW, I also kill every post with a subject in ALL CAPITAL LETTERS. They're also uniformly worthless. Funny how these things work.)

Rich

--
Rich McAllister (rfm@eng.sun.com)

4131. Re: THE biggest THE ham THE problem.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@freenet.ufl.edu>
Message-ID: <Pine.A32.3.91.951112221821.7099B-100000@freenet2.freenet.ufl.edu>
Source record: 210351
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

You just go to show that "foamers & droolers", do have a place
in this world. Even an idiot like you can find your way into
Ham radio, an computers. Now if only you had something worth
while to say or do..?
If nothing else you are fun <?> to watch <???>. You at least
give us something to laugh at...

BTW> If life gets too much for you to handle, there is a site on
the www// that provides information on the: Do it yourself -
Frontal lobotomy <using 38 - 357 - 45 or what have you>,
Do it yourself Electro Shock therapy <just requires 2 pieces
of number 6 wire an access to a 220v electrical panel.> or
the ever favorite Birth-Control Retro=active classes.

Now you can see how boring it is reading useless crap...
Do yourself a favor, find a new or different hobby...
Unless your 10-13yrs old & like flaming & whinning...

C/U De Tom a.k.a. KD4QHH

4132. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: stevesam@visi.com
Message-ID: <488709$dlv@mixer.visi.com>
Source record: 210352
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

jimc@mdsroc.com (Jim Clarke) wrote:

>Oh, I see, the self-righteous calling the self-righteous self-righteous.

<snip>

>Don't let the bad apples spoil the excitement that can be found in amateur
>radio, there is something there for everyone (wives/girlfriends too).

<inapproprate groups snipped>

Please don't continue posting this to inappropriate groups.
Me

4133. Bad receive on ft51r.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: frode.nyheim@student.nlh.no
Message-ID: <4877iv$eeu@dole.uninett.no>
Source record: 210353

I just performed the MARS/CAP mod on my st-51r. Now i got 700-999 MHZ
on the UHF, but I can not receive anything here. I receive very badly
on the VHF 60-110 MHz also. Does anyone know how this can be better ?

Please email me..

Frode
Email: st93frn@student.nlh.no

4134. Apartment ham needs RF Hot Spot advice

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-13 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <487dkv$dhb@newsbf02.news.aol.com>
Source record: 210354

I live on second floor of apartment. Running a IC751a into a Isotron
20/40/80 meter antenna sitting on the balcony. Antennas are tuned to
resonance. I have grounded the rig to the only "ground" I have...the
ground plug on the wall outlet, but I am still getting RF all over the
radio on XMIT. Any advice as to what to so? I am using a tuner also
(incase swr goews over 1.5 to 1) but it doesnt make any difference whether
tuner ios in line or not. HELPPP!!!!!
-Mike KS4DA

4135. ICOM 706 Computer Control?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: jreed@primenet.com
Message-ID: <48aatt$1hp@nnrp1.news.primenet.com>
Source record: 210105

Has anyone been able to get the computer interface for the new 706 to work? I have the interface box and a program that should work and I can see data both in and out of the radio but so far no cigar. I have tried changing the setting in the radio but nothing so far. I have tried to call ICOM Tech Support but after 15 minutes of listening to dead air (no music - no nothing) at day time rates, I gave that up as a lost cause. I might also comment that the lack of a schematic with the radio is completely devoid of all reason and I would like for Hams as a group to come up with some kind of a suitable response. In general I like the radio and would like to use the computer interface. Any help would be appreciated.
73 KI7HD Jerry

4136. speakers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: nobody@nowhere
Message-ID: <48aue8$5s6@shaar.nnc.edu>
Source record: 210106

Anyone, I need some input on steroe speakers. I want ten inch. Which brand would you suggest?

4137. Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: kris.mcdonald@prostar.com
Message-ID: <0000121D00000009@prostar.com>
Source record: 210107

FOR SALE:

Brand new Palomar Elite HD600 High Drive 600 Watt 10m Amplifier. Never
been used. still in box...$370

Reply if interested.

4138. Re: re: spamming the net - was Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: Wes Stewart <N7WS@azstarnet.com>
Message-ID: <488pvh$47h@news.azstarnet.com>
Source record: 210279
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Steve.Breland@rmh.edu (Steve Breland) wrote:
>Burt Fisher <k1oik@ccsnet.com> wrote:
>
>Burt,
>How's about trimming the non-radio groups from your posting
>Newsgroups?
>Thanks,
>
Burt,

How about trimming the radio groups from your postings too?

Spammer, jammer, what's the difference. Same mentality.

4139. Re: Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-1311951740330001@206.12.26.38>
Source record: 210280
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

In article <4867e4$l55@alterdial.UU.NET>, Burt Fisher <k1oik@ccsnet.com> wrote:

-> time@tir.com (Tim English) wrote:
-> >Burt, why dont you just go away someplace else. Your the only one who
-> >enjoys your "so called" wit. We all think your a jerk. You must lead
-> >an awfully sheltered dull life if this is all you can find to do for
->
-> Then why do I get frequent messages that appreciate my comments?
->
->
-> #================#===#
-> | Burt Fisher | Teacher of video, broadcasting and electronics |
-> | Very Amateur | South Dennis, Ma. (Cape Cod) |
-> | K1DORK | The less you say, the more people will remember |
-> #================#===#
-> | k1oik@ccsnet.com The studpidest ham in the USA fisher@meol.mass.edu |
-> #===#

They must be from your poor students sucking up for a better grade!

--
Scott Leaf VE7ZVZ
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club VA7SM - "To boldy VHF where no ham has VHFed before"

4140. Looking for 70cm diplexer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: Shep Siegel <shep@datacube.com>
Message-ID: <30A7F0DB.3310@datacube.com>
Source record: 210281

Looking for a 70cm diplexer and related faff for building a 440
repeater. N1IOF
--
Shep Siegel
http://www.mv.com/ipusers/flatrock

4141. TS 130 modification - filter and RF amp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <996.816310394@safety.ics.uci.edu>
Source record: 210282

Anyone playing with the TS 130 lately? I picked up a compendium of mods for the 120 and 130 (mostly 120) and found two very useful looking mods: one to put in an extra crystal filter in SSB (for a total of two filters, 16 poles, in line all the time) and one to put in an extra RF preamp to perk up the receiver (good for the loss introduced by the extra filter).

Anyone done all this? I have installed the filter, works very nicely. About to put in the RF preamp, but puzzled as to whether to put it ahead of the internal RF preamp (as per the mod) or to put it between crystal filters at the 8.8 MHz IF stage. Anyone know much about the tradeoffs?

Clark
WA3JPG

4142. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: Daniel Calzaretta <pcrest@teleport.com>
Message-ID: <488t3u$3sq@maureen.teleport.com>
Source record: 210283

I am upgrading my shack and have equipment for sale:

Kenwood TS-520s with optional CW filter
MC-50 microphone
Matching external speaker

If interested, e-mail me at pcrest@teleport.com

I am located in Portland, Oregon

Dan

4143. Equipment for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: Daniel Calzaretta <pcrest@teleport.com>
Message-ID: <488t88$3sq@maureen.teleport.com>
Source record: 210284

I am upgrading my shack and have some equipment for sale:

Kenwood TS-520s with optional CW filter
MC-50 Microphone
Matching external speaker

Please e-mail me if you are intersted. Price negotiable. I am located
in Portland, Oregon.

Thanks,

Dan
N9BCC

4144. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: ki7zd@chinook.halcyon.com
Message-ID: <489chl$ah6@news1.halcyon.com>
Source record: 210285
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.

My wife is 33 years old.
My wife is sexy.
My wife thinks Im sexy (and a few other hams too)
My wife is beautiful.
My wife (and her friends) think I am beautiful.
My wife loves sex, with me, and I love it with her.

My wife is a ham!
My wife thinks I'm one too!

Drop it already. har har!

---------------------------------------\/----------------------------------
OO

>>who does this Burt think he is? A am a ham, have been since I was ten.
>>And thats before I had my first bra! And before I got my first modeling
>>job. Even before I had my first sex (with a ham btw). Grow up you creep!
>>My boyfriend is NOT a ham, and even if he was, I would find him just as
>>attractive! Hey, Idea, how many "hams" have posed for playboy? Hummm,
>>maybe I'll be the first! Anyone know?
>>face it burt fisher, you hate women, you hate men, you hate yourself!

>>Ciar
>>>xxxxxx <-callsign removed because this burt guy might bother me, and his
>>antenna probly isn't big enough for my tower's anyway!

>>~~~~~ The body is a work of art, you get out of it what you put in to it!
>>~~~~~ So If I dont swallow a baby, I wont get pregnant right?

>Burt Fisher wrote:

>What would a female find the least bit exciting about hams?

>

>#===============#===#
>| Burt Fisher | Teacher of abuse, badmouthing and divorce |
>| Amateur call | South Dennis, Ma. (Cape Cod) |
>| K1OInK | The more you say, the less people will forget |
>#===============#===#
>| k1oik@ccsnet.com fisher@hole.ass.bum |
>#===#

--
/-/-/ ~~~~~~

| Amateur Radio Station Inet: ki7zd@halcyon.com
| KI7ZD
| WWA CN87 73's _._ .. __... __.. _.. "If RST > 519, Reduce Power!"

4145. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: stevesam@visi.com
Message-ID: <48ajd5$3pc@mixer.visi.com>
Source record: 210286
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

crazyone@city-net.com (CrazyOne - Greg Pacek) wrote:

>In article <488ff6$srk@i-2000.com>, dougrand@i-2000.com (Doug Randall) wrote:

<snip>
<inappropriate groups cut>

PLEASE check your subject lines people!
REC.PYROTECHNICS DOESN'T CARE!
Me

4146. WTB 55-65 hz freq indicator

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: morset@ncr.disa.mil
Message-ID: <489vho$rvu@data.interserv.net>
Source record: 210287

Looking to buy two 55-65 hz, 120 volt vibrating reed type
Frequency Indicator.

Tom Morse 703-369-6234
morset@ncr.disa.mil

4147. IC-706 Remote control capabilities?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: Hakan Bergzen <hakan.bergzen@telub.se>
Message-ID: <48a0r8$ivk@terminus.inforum.telub.se>
Source record: 210288

Hi,

I would like to know if the CI-V remote control protocol when
interfaced to the IC-706 has the following capabilities:

1. Reading the interference level (or a function thereof, like the AGC
level). Since the graphic display can show this information it ought
to be reachable via the CI-V.

2. Setting of operation mode (USB, LSB, etc)

3. Setting of transmitter power

4a. Max frequency change time when setting the full frequency from the
CI-V interface

4b. Max frequency change time when switching between memory channels

5. Reading SWR

6. Using the IF shift interference rejection function from the CI-V
interface

73 de Hakan, SM7OKI (hakan.bergzen@telub.se)

4148. WTB: Yaesu FT790 70cm allmode portable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: white_hae@ccsua.ctstateu.edu
Message-ID: <1995Nov14.102308.1@ccsua.ctstateu.edu>
Source record: 210289
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Wanted: Yaesu FT790 70cm allmode portable.
Thanks & 73 de N1QVE
Harry

+---- --- -- - - -- --- ----+
Harry White harry@connix.com white_hae@ccsu.ctstateu.edu
N1QVE Central Connecticut State University, New Britain, CT 06050
WWW: http://www.connix.com/~harry
- -- -+- -- -
"The real meaning of the word _educate_ is _to lead the way out_." -Anais Nin
+---- --- -- - - -- --- ----+

4149. Re: Apartment ham needs RF Hot Spot advice

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: Thomas Brockdorf <tbrock@execpc.com>
Message-ID: <48ag3h$ggg@daily-planet.execpc.com>
Source record: 210290

mparkes@aol.com (Mparkes) wrote:
>I live on second floor of apartment. Running a IC751a into a Isotron
>20/40/80 meter antenna sitting on the balcony. Antennas are tuned to
>resonance. I have grounded the rig to the only "ground" I have...the
>ground plug on the wall outlet, but I am still getting RF all over the
>radio on XMIT. Any advice as to what to so? I am using a tuner also
>(incase swr goews over 1.5 to 1) but it doesnt make any difference whether
>tuner ios in line or not. HELPPP!!!!!
>-Mike KS4DA

Mike,
Try running a ground wire to a water pipe. Unless you have
plastic plumbing, the water pipe would be a much better ground
for R.F. then the electrical system ground.

73 de Thomas AA9IS

4150. Re: AM Car Radio Fade Under Power Line?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <48ag0a$5k8@newsbf02.news.aol.com>
Source record: 210291

In article <wayneDI0p1v.ALq@netcom.com>, wayne@netcom.com (wayne t. watson) writes:

>Yes, I know this is probably not the place to ask questions about
>AM car radios, but haven't found another place, so here goes. I
>just had a new Kenwood AM/FM radio installed in my car to replace
>the old worn out one. On AM, I notice that whenever I get near
>sizeable looking power lines that the signal fades. This does not
>happen on any of my original car radios. I talked to the salesman
>about this, and he claimed that this is fairly typical of aftermarket
>auto radios. Is this so, and is there something that can be done
>to reduce the fade with the present radio?
>--
>Wayne Watson

Hi Wayne,
The problem exists with all car radios, but is aggrivated by a lack of AM sensitivity in the aftermarket ones. Most factory AM car radios are designed to present a very high impedance to the antenna, most aftermarket ones are not!

The antenna on your car is a voltage probe on the AM band. It senses the electric field. That makes the antenna couple to a very high impedance source, a lot of voltage compared to the available current. The low radio input Z loads the antenna down by requiring too much current, and that reduces the voltage.

The power lines do the same, they disturb the electric field by "loading it down". So the voltage available at the car antenna is reduced when you are near them!

73 Tom

4151. Re: HTX-202; loosening antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: otheral@ix.netcom.com
Message-ID: <4895oe$pvq@ixnews5.ix.netcom.com>
Source record: 210292

In <487oue$t6q@vixen.cso.uiuc.edu> ignacy@misz.animal.uiuc.edu (Ignacy Misztal) writes:
>
>In <bd7cb$8c1c.353@News_1>, hcohen@analogic.com (Howard Cohen) writes:
>>My HTX-202's antenna bnc connector is continually getting loose,
>>causing an intermittant electrical connection. The bnc is fastened by
>>a threaded ring with two notches in it, which I have been tightening
>>with the wrong tool, a small screwdriver. Unfortunately, this does
>>not give me enough leverage to really tighten it.
>>
>>Has anyone found a solution to this problem? What type of wrench
>>is used to tighten this ring? Where can one purchase such a wrench?
>>
>Apply Locktite fluid to the thread and then tighten. I did it 3 years
>ago and it worked fine ever since. Locktite compound can be found in
>True Value for about $3..
>
>Ignacy Misztal Ham radio: NO9E, SP8FWB
>E-mail: ignacy@uiuc.edu
>University Of Illinois 1207 W. Gregory Dr., Urbana, IL 61801, USA
>tel. (217) 244-3164 Fax: (217) 333-8286
>
Yes , but one must be careful as to which locktite ones uses. Some is forever(not removeable). Best bet would be the blue stuff. It has a picture of a nut with a blue center and states REMOVEABLE on the label. It's some times refered to as liquid lock washer.

73's de N3TYD AL

4152. Re: Grounding a home made copper Jpole

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov14.172422.6090@ke4zv.atl.ga.us>
Source record: 210293
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <Pine.A32.3.91.951114103202.34755A-100000@storm.atms.purdue.edu> BRETSKI <bap@storm.atms.purdue.edu> writes:
>
>I have a copper Jpole up on a mast. I would like to ground it.
>How would I do this?

Assuming you're using a metal mast, and it's clamped to the mast, just ground the mast. #8 copper to an eight foot ground rod. Use approved grounding clamps on both ends. If you're using a non-conducting mast, then place the ground clamp at the bottom of the J in the J-pole and wire to the ground rod as above.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4153. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov14.172938.6271@ke4zv.atl.ga.us>
Source record: 210294

In article <jgardnerDI0855.GoK@netcom.com> jgardner@netcom.com (Jerry Gardner) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>: Oh, I agree, Fred. In an ideal world, full documentation would be
>: included with the radio. But I realize that the industry trend is
>: to unbundle service information. I can accept that because few amateurs
>: actually service their own radios today, but I still think a schematic
>: is a must with *every* radio. If need be, I can puzzle out component
>: locations, but I don't want to have to reverse engineer the radio to
>: see how it is designed.
>
>Then buy Ten-Tec. Their manuals include complete schematics, pictures of
>each PC board, a description of what each board does, and tuning information
>where appropriate.

Fine, Jerry, tell me the model number of the Ten-Tec with the size and
frequency range of the IC-706 and I'll get it on order in a jiffy.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4154. Re: Icom 706 - modified advertising! Check web site!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: kg7fu@aol.com
Message-ID: <48aoeu$8j6@newsbf02.news.aol.com>
Source record: 210295

This talk about FM Stereo reception peaked my interest since I'm in the broadcast industry. I doubt the selectivity nor bandwidth of the 706's IF filtering will allow enough of the composite signal to pass to properly decode the stereo matrix. If I'm wrong, you'll need to take a sample of the composite signal before the discriminator and route it into an external matrix decoder and detector. Motorola thoughtfully provides several multi-function IC's to do the job. My personal opinion is it's a waste of time.

de KG7FU

4155. Kenwood Email Address

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: kleerdex@epix.net
Message-ID: <48a4n5$gem@guava.epix.net>
Source record: 210296

Does anyone have the correct email address for Kenwood's repair folks?
Using the "Kenwood@Kenwood.com" just gets network originated error
messages. =Vic=
WA4THR

4156. Re: Kenwood 850 mods ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: pelt@vt.edu
Message-ID: <pelt-1411951534530001@box185.ams.vt.edu>
Source record: 210297

In article <4829p2$n7a@ixnews7.ix.netcom.com>, beretta1@ix.netcom.com
(LARRY PIKE) wrote:

> I'm looking for mods to my Kenwood 850s/at - any suggestions would
> be appreciated! Please post to this newsgroup or e-mail to
> Beretta1@ix.nexcom.com tnx / 72
>
> de WD9HCR
> Larry

Larry, I have some ts850 mods. Tried to send them to you by email but
message bounced. Contact me if you still need them.

73

--
Ranson J. Pelt
pelt@vt.edu
QST de nz4i

4157. Help: Lookup needed in Am.Radio Trader

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: white_hae@ccsua.ctstateu.edu
Message-ID: <1995Nov14.150759.1@ccsua.ctstateu.edu>
Source record: 210298
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Hi
I need someone to look up a piece of gear that I haerd was advertised in the latest issue of Amateur Radio Trader. Drop me a note if you can help out.
Thx & 73 de N1QVE/Harry

white_hae@ccsu.ctstateu.edu

4158. Re: Apartment ham needs RF Hot Spot advice

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: nema@pcnet.com
Message-ID: <48b000$3b1@pcnet2.pcnet.net>
Source record: 210299

:

> >I live on second floor of apartment. Running a IC751a into a Isotron
> >20/40/80 meter antenna sitting on the balcony. Antennas are tuned to
> >resonance. I have grounded the rig to the only "ground" I have...the
> >ground plug on the wall outlet, but I am still getting RF all over the
> >radio on XMIT. Any advice as to what to so? I am using a tuner also
> >(incase swr goews over 1.5 to 1) but it doesnt make any difference whether

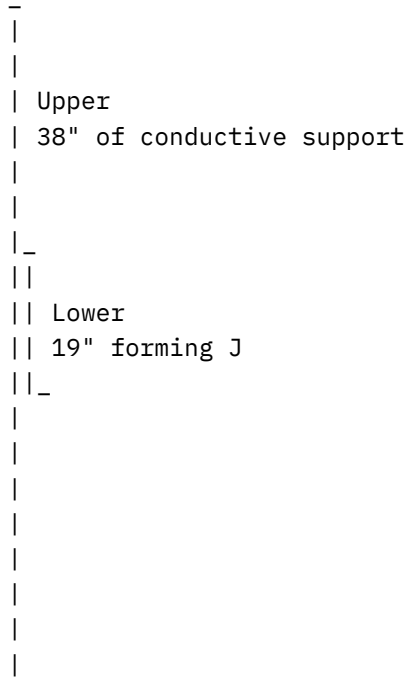
MFJ Makes a tunable artificial ground. I have not tried it but you
might check it out

Richard
N1VXW

4159. Re: Grounding a home made copper Jpole

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: Jim Devenport <jdevenport@lanl.gov>
Message-ID: <48audl$16c@newshost.lanl.gov>
Source record: 210300
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Normally the j pole is grounded at the base or lowermost
portion of the "J". My recent Jpoles are built as part of an
existing grounded structure, with the main pole or support
forming the main part of the J and the 19" 2 meter stub
clamped to the side at the appropriate distance from the top to
make the top part of the grounded structure radiate at 146 (or
whatever freq).



********** Jim Devenport WB5AOX **********
* PO Box 445, McIntosh NM 87032 *
* http://nis-www.lanl.gov/~jdport/ *
****

4160. Re: Best Cw filter for TS850?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: br00595@bingsuns.cc.binghamton.edu
Message-ID: <48b5bt$5sa@bingnet1.cc.binghamton.edu>
Source record: 210301

John S. Hill (jhill@minn.net) wrote:
: In article <herbrDHqM4o.Cs8@netcom.com>,
: herbr@netcom.com (Herb Rosenberg) wrote:
: >I am interested in hearing comments regarding whether to use the 250
: or
: >500 Hz filter for CW in the kenwood TS850?
: >
: >Any comments or suggestions would be appreciated.

: Herb, if you decide on 250 Hz, I have a pair (8.8 & 455)
: of IRCI 250 Hz Kenwood filters for sale. I will take
: $175.00 for the pair and ship UPS. 73, John, NJ0M.
What is IRCI?? Is this a company? If Herb is not interested, I may be.
Len WF2V

4161. IC-31a or IC-Z1 Mods ????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: Keith@unix.asb.com
Message-ID: <Keith.544.00745E97@unix.asb.com>
Source record: 210302

```
Attention Fellow Amateur's

Where can I get the mods for the ICOM IC-31a or
IC-Z1 ?????
```

Keith

|===|
| • Keith@unix.asb.com == SLIP/PPP Internet Address • |
| • Keith.Knipschild@asb.com == BBS Internet Address • |
| • Http://www.asb.com/usr/keith == My WWW Page URL Address • |
| • N2NJS@KC2FD.NY.USA.NA == Ham Radio AX25 Packet Address • |
| • 70302,2701 == CompuServe Address • |
| • K.Knipschild == GENIE Address • |
|=== |
^^

4162. Re: Uniden HR2600 President man & mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: Gerald Schmitt <kc5egg@eule.lanl.gov>
Message-ID: <48bb49$5bq@newshost.lanl.gov>
Source record: 210303

I have a copy of the manual several modes are
also available but the out of band ones for the 2510
don't work with the 2600. If you want a copy of the manual
drop me a snail mail address and I'll send it.

4163. Re: Best Cw filter for TS850?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-14 00:00:00 UTC
From: jhill@minn.net
Message-ID: <4893pr$dkr@bronto.minn.net>
Source record: 210304

In article <herbrDHqM4o.Cs8@netcom.com>,
herbr@netcom.com (Herb Rosenberg) wrote:
>I am interested in hearing comments regarding whether to use the 250
or
>500 Hz filter for CW in the kenwood TS850?
>
>Any comments or suggestions would be appreciated.

Herb, if you decide on 250 Hz, I have a pair (8.8 & 455)
of IRCI 250 Hz Kenwood filters for sale. I will take
$175.00 for the pair and ship UPS. 73, John, NJ0M.

4164. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDI2Cr3.KFK@netcom.com>
Source record: 210108
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

In article <48be57$e6p@ornews.intel.com> dmwelch@ornews.intel.com (Don Welch) writes:
>jimc@mdsroc.com (Jim Clarke) writes:
>
>>I've only been an amateur radio operator for 18 years and I would have to

4165. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <48beel$ek9@alterdial.UU.NET>
Source record: 210109
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.

>>>who does this Burt think he is? A am a ham, have been since I was ten.
>>>And thats before I had my first bra! And before I got my first modeling
>>>job. Even before I had my first sex (with a ham btw). Grow up you creep!

What a doll you must be. Having sex with an old fat white ham.
Is your last name Barker? Certainly not Fox?

>>>My boyfriend is NOT a ham, and even if he was, I would find him just as
>>>attractive! Hey, Idea, how many "hams" have posed for playboy? Hummm,
>>>maybe I'll be the first! Anyone know?
>>>face it burt fisher, you hate women, you hate men, you hate yourself!

I am not into dogs or pigs.

>>>Ciar
>>>>xxxxxx <-callsign removed because this burt guy might bother me, and his
>>>antenna probly isn't big enough for my tower's anyway!

Come look at my erection (tower of course).

>
>>#================#===#
>>| Burt Fisher | Teacher of abuse, badmouthing and divorce |
>>| Amateur call | South Dennis, Ma. (Cape Cod) |
>>| K1OInK | The more you say, the less people will forget |
>>#================#===#
>>| k1oik@ccsnet.com fisher@hole.ass.bum |
>>#===#

4166. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: ki7zd@chinook.halcyon.com
Message-ID: <48bvc6$9sd@news1.halcyon.com>
Source record: 210110
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.

PEOPLE!!!

IGNORE THIS CRAP!!!

JUST LIKE ANYONE ELSE IN THE WORLD WITH A POOR ATTITUDE, IF YOU IGNORE THEM
THEY WILL GO AWAY!

(But I have to admit, the new burt signature is a roll!!) ahhaha

I dont many hams over 40 years old, so, I guys Im not a ham then.. Most
hams I know are all under 40, some under 20. And about 30% of them are women.
Its the 90's, and women enjoy hobbies of this sort also. More power to
the lady trying out for playboy, good luck to you. I used to date a model
that worked for "Hef".
You'll have fun im sure..

See ya all later...
ki7zd
Rock Musician, Lawyer, Author, artist, Ham, and above all, a father!

Burt Fisher <k1oik@ccsnet.com> writes:

>>>>who does this Burt think he is? A am a ham, have been since I was ten.
>>>>And thats before I had my first bra! And before I got my first modeling
>>>>job. Even before I had my first sex (with a ham btw). Grow up you creep!

>What a doll you must be. Having sex with an old fat white ham.
>Is your last name Barker? Certainly not Fox?

I dont a 19 year old woman cares too much for fat old men!

>>>>My boyfriend is NOT a ham, and even if he was, I would find him just as
>>>>attractive! Hey, Idea, how many "hams" have posed for playboy? Hummm,
>>>>maybe I'll be the first! Anyone know?
>>>>face it burt fisher, you hate women, you hate men, you hate yourself!

>I am not into dogs or pigs.

Calling yourself a pig now.. Good.....

>>>>Ciar
Love this name!

>>>>>xxxxxx <-callsign removed because this burt guy might bother me, and his
>>>>antenna probly isn't big enough for my tower's anyway!

>Come look at my erection (tower of course).

>>
>>>#================#==#
>>>| Burt Fisher | Teacher of abuse, badmouthing and divorce |
>>>| Amateur call | South Dennis, Ma. (Cape Cod) |
>>>| K1OInK | The more you say, the less people will forget |
>>>#================#==#
>>>| k1oik@ccsnet.com fisher@hole.ass.bum |
>>>#===#

H ahha ha hahahahah WHO DID THIS? this is funny....

Humm dont worry folks, this will soon stop..

--
/-/-/ ~~~~~~
| Amateur Radio Station Inet: ki7zd@halcyon.com
| KI7ZD
| WWA CN87 73's _._ .. __... __.. _.. "If RST > 519, Reduce Power!"

4167. WTB Yaesu FRG-9600

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: jmiller@sundial.net
Message-ID: <48bdmj$3d3@sundial.sundial.net>
Source record: 210111
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

I am looking to purchase a Yaesu FRG-9600 communications receiver.
Anyone wishing to sell one should E-mail me. Thanks in advance.

Jim Miller
jmiller@sundial.net

4168. Re: Help: Lookup needed in Am.Radio Trader

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: Walt Beverly - WA4HVC <wbeverly@beaches.net>
Message-ID: <48bdq7$8hn@server.cntfl.com>
Source record: 210112
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Harry,

Let 'er rip. At least give me model, mfr and category (i.e. HF xcvr, VHF xcvr, DSP, satellite, etc.)

73 DE wALT - wa4hvc

4169. Re: Burt Fisher

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-1411952002120001@206.12.26.40>
Source record: 210113
Cross-posted to: rec.radio.amateur.space,rec.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.equipment

```
-> Xref: lancelot.dowco.com rec.radio.amateur.antenna:6451
rec.radio.amateur.digital.misc:5824 rec.radio.amateur.equipment:8509
rec.radio.amateur.homebrew:4885 rec.radio.amateur.misc:21775
rec.radio.amateur.policy:7097 rec.radio.amateur.space:2724
rec.radio.cb:4072 rec.radio.noncomm:1579
-> Path:
lancelot.dowco.com!news.bc.net!sparky.insinc.net!grumpy.insinc.net!www.bconnex.net!light.l
ightlink.com!news.sprintlink.net!europa.chnt.gtegsc.com!news.kreonet.re.kr!usenet.seri.re.
kr!news.dacom.co.kr!newsfeed.internetmci.com!in2.uu.net!alterdial.uu.net!not-for-mail
-> From: Burt Fisher <k1oik@ccsnet.com>
-> Newsgroups:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.r
adio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.sp
ace,rec.radio.cb,rec.radio.noncomm,rec.
-> Subject: Re: What some think about sexy hams
-> Date: 13 Nov 1995 23:16:54 GMT
-> Lines: 40
-> Message-ID: <488jl6$c53@alterdial.UU.NET>
-> References: <309FBFAE.6F6A@hawaii.edu> <47uhb8$dfq@odo.PEAK.ORG>
<481qu5$imv@ixnews5.ix.netcom.com> <4825g6$k1h@alterdial.UU.NET>
<487hjv$19c@mdsroc.com>
-> NNTP-Posting-Host: 199.172.47.193
-> Mime-Version: 1.0
-> Content-Type: multipart/mixed;
-> boundary="------------------------------240052519214135"
-> X-Mailer: Mozilla 1.1N (Windows; I; 16bit)
-> To: jimc@mdsroc.com
->
-> This is a multi-part message in MIME format.
->
-> --------------------------------240052519214135
-> Content-Transfer-Encoding: 7bit
-> Content-Type: text/plain; charset=us-ascii
->
->
-> jimc@mdsroc.com (Jim Clarke) wrote:
->
-> >Don't let the bad apples spoil the excitement that can be found in amateur
-> >radio, there is something there for everyone (wives/girlfriends too).
->
-> What would a female find the least bit exciting about hams?
->
->
```

```
->
-> #================#============================================================#
-> | Burt Fisher | Teacher of video, broadcasting and electronics |
-> | Amateur call | South Dennis, Ma. (Cape Cod) |
-> | K1OIK | The less you say, the more people will remember |
-> #================#============================================================#
-> | k1oik@ccsnet.com fisher@meol.mass.edu |
-> #=========================================================================#
->
->
-> ---------------------------------240052519214135
-> Content-Transfer-Encoding: 7bit
-> Content-Type: text/plain
->
->
-> ///|\\\
-> //(-O-O-)\\
-> ---oooO(_)Oooo-------------------------------------------------------------
-> | You are a Ham Radio Operator if... |
-> | |
-> | your wife, who is still 130lb, tremendously attractive, comes to |
-> | you in a hot pink, topless teddy and starts nibbling on your shoulder|
-> | and you tell her to hang on for a minute because you're just about |
-> | to make the contact with East Molohavnia. |
-> -------------------------------------------------------------------------
```

This is just a sample message, one of hundreds he has sent in a spam fashion. I have no problem with his stupid jokes et al. What annoys me is that every message he sends is crossposted on from 20 to 30 groups that have little or nothing to do with what he is talking about.

Could you please take appropriate steps to educate Burt.

Thanks in advance,

--
Scott Leaf VE7ZVZ
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club VA7SM - "To boldy VHF where no ham has VHFed before"

4170. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: emb5@psu.edu
Message-ID: <emb5.32.30AA3A76@psu.edu>
Source record: 210114
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.rad

In article <48be57$e6p@ornews.intel.com> dmwelch@ornews.intel.com (Don Welch) writes:

>Speaking of HAM radios, could this group help me out? Every time I go and
>dive with my radio set, the fuse blows. What's the trick here?

maybe your submarine forgot to do it's 5 minute stop or left the screen doors
open.

4171. Re: Burt Fisher Spamming the Net

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: cnc23a@b4pph13e.bnr.ca
Message-ID: <48cvuv$22f@crchh327.rich.bnr.ca>
Source record: 210115
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

In article <4899ms$l31@crash.microserve.net>, jackl@pinetree.microserve.com (WB3U) writes:
|>
|> rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.
|> antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec
|> radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.polic
|> y,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.sca
|> nner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running
|> ,rec.scouting,rec.scuba,rec.skiing.alpine
|>
|> Burt,
|>
|> Why are you spamming all these groups? Many of them have nothing
|> to do with Amateur Radio.
|>
|> If you must post this antagonistic nonsense, please restrain yourself.
|> There are plenty of people to bother on R.R.A.Policy and R.R.A.Misc.
|>
|> Jack WB3U

All those who are upset with Burt's spamming, please inform the SYSOP of the system from which he posts.

--
==========

Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
(919) 991-4769 email: cnc23a@bnr.ca Ham: N4ZBB Packet: n4zbb@n1gmv.nc
DX PacketCluster (tm) Node : W4DW

All opinions are my own and do not necessarily reflect the views of my employer or co-workers, family, friends, congress, or president.

4172. Re: IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-1511950919040001@145.39.1.10>
Source record: 210116
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

In article <48aeeh$1n21@chnews.ch.intel.com>, cmoore@vegas.ch.intel.com
(Cecil A. Moore~) wrote:

> In article <483q96$190g@chnews.ch.intel.com>,
> Cecil A. Moore~ <cmoore@vegas.ch.intel.com> wrote:
>
> >After the xmit open mod, will it transmit on 47 MHz? A Red-Cross
> >friend of mine wants to know.
>
> Mike, N5AQM, answered the question for me. FYI, above 54 MHz, the IC706 will
> not transmit on anything except 144-148 MHz. It will transmit on any frequency
> below 54 MHz.
>
> 73, Cecil, KG7BK, OOTC (not speaking for my employer)

Cecil, you might want to pass along a reminder to your co-worker:

The national headquarters Communications Group of the American National
Red Cross strictly enforces the ANRC policy of compliance with the FCC
rules; this includes Type Acceptance of all radio equipment used on ANRC
frequencies. "483q96$190g@chnews.ch.intel.com" is seriously jeopardizing
his ANRC status as either volunteer or professional staff. At the same
time he puts at risk both the ANRC local chapter radio license and his own
amateur license. The IC706 does NOT meet the FCC's technical requirements
and is not permitted by ANRC.
--
Karl Beckman, P.E. < If our English language is so >
Motorola RNSG Pvt Data < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI
** Opinions expressed here do not represent the views of Motorola Inc. **
By sending unsolicited commercially-oriented e-mail to this address, the
sender agrees to pay a $100 fee to the recipient for proofreading services.
--

4173. Re: Rules of ham DUMB.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: damelio@roush.racing.com
Message-ID: <48drhd$734@progress.progress.com>
Source record: 210117
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Burt Fisher (k1oik@ccsnet.com) wrote:
: Ham operator Jokes:

Hey, I've got one,

where does an idiot cross-post to when discussing ham radio?

(I'll let you figure this one out Burt)

--

4174. Two Meter Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: Donald Dolan <ddolan@inforamp.net>
Message-ID: <48e9hl$e6q@sam.inforamp.net>
Source record: 210118

Hello All
I'm looking for a cheap 2 meter reciever for a project I'm
doing. Something I can use Ni-Cad batteries with, and to fit in a
small space. I've looked at some kits, but they are a little big.
Any suggestions are welcome, since I just bought an ICOM 2 meter
handheld for the job in the meantime, also I need 3 recievers for 3
seperate automata with handhelds this would get a little pricey.
Thanks for any advice you can offer...
DD
VA3DIG
ddolan@inforamp.net

4175. subscribe

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: djarrett@gc.NET
Message-ID: <199511142355.TAA24161@global.gc.net>
Source record: 210119

```
subscribe ham-equip@ucsd.edu
*********************************************
* Dave Jarrett KF4APJ FM17 Hampton, VA *
* GL0BAL TELECOM BBS 804-723-5728 *
* E-Mail djarrett@gc.net FidoNet 1:271/305 *
*********************************************
```

4176. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <48chag$187@alterdial.UU.NET>
Source record: 210120
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,

ki7zd@chinook.halcyon.com (Randy Seacat) wrote:
>
>PEOPLE!!!

Whenever some uses "PEOPLE" it is a clear alert the author thinks the are the
father and the users are the children.

>
>IGNORE THIS CRAP!!!
>
>JUST LIKE ANYONE ELSE IN THE WORLD WITH A POOR ATTITUDE, IF YOU IGNORE THEM
>THEY WILL GO AWAY!

IGNORE? Like you did? You practice what YOU preach but NOT what you do?

>(But I have to admit, the new burt signature is a roll!!) ahhaha

If you are into low class, here it is again if you missed it:

..
>ki7zd
>Rock Musician, Lawyer, Author, artist, Ham, and above all, a father!

>>>>#===============#===#
>>>>| Burt Fisher | Teacher of abuse, badmouthing and divorce |
>>>>| Amateur call | South Dennis, Ma. (Cape Cod) |
>>>>| K1OInK | The more you say, the less people will forget |
>>>>#===============#===#
>>>>| k1oik@ccsnet.com fisher@hole.ass.bum |
>>>>#===#

>--
>/-/-/ ~~~~~~
> | Amateur Radio Station Inet: ki7zd@halcyon.com
> | KI7ZD
> | WWA CN87 73's _._ .. __... __.. _.. "If RST > 519, Reduce Power!"

4177. 16 Track Board for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: hitmnmik@li.net
Message-ID: <hitmnmik-1511951024070001@lisuser31.li.net>
Source record: 210121
Cross-posted to: rec.radio.amateur.equipment,alt.radio.networks.cbc,

For Sale:

JH 618 MCI-Sony
16 track board plus on stereo input
9 effects returns

Can be sold as a unit or by individual modules.

$12,500 as a unit

$800 per module

For more information please call Mark Berger @ James & Aster Music (212) 982-0300. Or e-mail hitmnmik@li.net

4178. FT-10R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: allan.logan@croweagle.com
Message-ID: <8B50042.0924000CAB.uuout@lightspeed.com>
Source record: 210122

Need a little help. I'm a brand new ham (1 week). I bought the FT-10R at a Hamfest. I checked on the price of a speaker mike at HRO here in Atlanta and it was $42.00 !! Wow, anyone know of an aftermarket speaker mike for this new compact 2M HT?

CMPQwk #1.42-R2. UNREGISTERED EVALUATION COPY

KBBS V2.Z05)Crow Eagle Trading Post*Newnan,Ga* (404)502-0038

4179. Re: MFJ micro. Morse trainer.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: ccashion@spd.dsccc.com
Message-ID: <48d16h$bks@sun001.spd.dsccc.com>
Source record: 210123

Andres Mencke, N2TYZ (amencke@panix.com) wrote:
: MFJ Enterprises Inc. makes a small microprocessor
: based morse code trainer powered by a 9 Volt battery.
: Has anybody used this device? How does it perform?

The December issue of QST has a fairly comprehensive review of this
trainer. Plus a review of three competing trainers.
Charles
--
--
+ - +
| Charles Cashion w.214-519-2583 h.214-881-0952 |
| ARRL NorTex#116 NorCal#1320 ex-W5ISZ |
+ - +

4180. Re: Where can I get copper tape/mettalic spray paint

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: mead@tetonrtp.dg.com
Message-ID: <48d2kd$no7@dg-rtp.dg.com>
Source record: 210124

In article <48399l$amc@castle.nando.net>, Dave Hockaday <wb4iuy@nando.net> writes:
|> morganp@freenet.edmonton.ab.ca () wrote:
|> >I have seen some posts about mettalic spray paint and copper tape used
|> >for keeping rf inside for computer (so it doesn't play havoc with your
|> >radio stuff) & I was wondering where I could get it (cheapest source).
|>
|> Hi Morgan. I've used that cheap chrome spray paint from the auto parts
|> house for this purpose.
|> 73 de WB4IUY
|>
I got a roll of metallic tape from an HVAC (Heating/Airconditioning)
service man. It appears to be aluminum. VERY strong glue.

4181. Re: MFJ micro. Morse trainer.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: serafin@cauldron.spdc.ti.com
Message-ID: <48d33d$f97@tilde.csc.ti.com>
Source record: 210125

Andres Mencke (amencke@panix.com) wrote:
: MFJ Enterprises Inc. makes a small microprocessor
: based morse code trainer powered by a 9 Volt battery.

: Has anybody used this device? How does it perform?
: Has anybody adapted it to work as station ID?

I just bought one of these yesterday. Seems to work pretty well. In addition to the 9volt battery, it can also be powered by a 12 volt supply. It comes with a jack for stero headphones even though the sound is only mono. There is a good article on the pocket morse trainers in this month's QST magazine. That's the big reason I picked up the MFJ, they had a very favorable review.

kc5grw

4182. Yaesu FT-811 Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: dsw@ripco.com
Message-ID: <DI3HoE.r0@rci.ripco.com>
Source record: 210126

Can anyone tell me the mod for FT-811 Yaesy 440 handheld, if there is one...
Please e-mail or post. Thanks...

Derek

--
d. Warnke, N9UPW
Michigan State University
Telecommunication
dsw@ripco.com
warnkede@pilot.msu.edu

4183. Re: Yaesu FT-757GX KAPUT! Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: drranu@holly.ACNS.ColoState.EDU
Message-ID: <48d6on$4bf2@yuma.ACNS.ColoState.EDU>
Source record: 210127

pruth@ocvaxa.cc.oberlin.edu wrote:
: My radio was fine until I switched it on last night, when it was
: totally dead. The power supply is fine, and I routinely disconnect
: antenna and line cords whenever I stop operating to prevent
: static or power surges. When I push the ON button nothing
: happens, no lights, no sounds, nothing--no power is going anywhere.
: Is this a simple fix or a catastrophic event, all ye who have
: Been There? Thanks for any advice you can give. --Bill KB8USZ
: pruth@alpha.cc.oberlin.edu

I hate to ask, but, did you check the fuses? If those are fine,
you may want to check the diode(s) at the power input inside the
radio. Frequently, if the fuses fails, or if you bypassed the
fuses, these diodes can protect the equipment, specifically from
reversed polarity mishaps. This may be a start.

Good luck.

--
-Emarit 73's drranu@holly.ColoState.EDU
Electrical Engineering, Colorado State Univeristy
KG0CQ _._ __. _____ _._. __._
Packet: KG0CQ@KF0UW.#NECO.USA.NOAM

4184. Re: Antenna 4 Standard C508????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: "Dennis F. Terribile" <wr4i@nando.net>
Message-ID: <48chr7$mk7@castle.nando.net>
Source record: 210128

I'm using the AEA 2m 1/2wave. It improves overall listening and when I need to hit a repeater that would be impossible I extend the whip...and get about 3db gain. 280mw works! The stock antenna is OK for monitoring but forget it for QSO work<g>. Collapsed the antenna is = to 1/4 wave.
Dennis, WR4i

4185. Yaesu FT757GX failure due to feline

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: pruth@ocvaxa.cc.oberlin.edu
Message-ID: <48du9a$qop@news.cc.oberlin.edu>
Source record: 210129

In an earlier post I asked for help with a transceiver that went dead overnight for no reason. The reason was, as I found out to my relief, amusemet and chagrin, was a desk mike 'lock' switch which was depressed by a marauding tomcat when I wasn't looking. The xcvr will not turn on when any xmit switches are in the 'on' position. All is well. Watch out for cats in your shack!
--Bill KB8USZ pruth@ocvaxa.cc.oberlin.edu PS. Thanks for all the helpful suggestions.

4186. FS: Ameritron AL80B Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: JOHN LAVIS <jlavis@beta.delphi.com>
Message-ID: <48btvs$kue@bert.beta.delphi.com>
Source record: 210130

For Sale by KK5GN:

1. Amplifier: MFJ AL80B 1000W $900 Amp was used about 5 times. I
have the original boxes and documentation. I purchased it on June, 30 1994.

I will ship which ever way you want, you pay for shipping.

If interested E-mail me at Jlavis@beta.delphi.com

4187. Two Meter Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: Donald Dolan <ddolan@inforamp.net>
Message-ID: <48e8et$e6q@sam.inforamp.net>
Source record: 210131

Hello All
I'm looking for a cheap 2 meter reciever for a project I'm
doing. Something I can use Ni-Cad batteries with, and to fit in a
small space. I've looked at some kits, but they are a little big.
Any suggestions are welcome, since I just bought an ICOM 2 meter
handheld for the job in the meantime, also I need 3 recievers for 3
seperate automata with handhelds this would get a little pricey.
Thanks for any advice you can offer...
DD
VA3DIG
ddolan@inforamp.net

4188. Two Meter Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: Donald Dolan <ddolan@inforamp.net>
Message-ID: <48e8i9$e6q@sam.inforamp.net>
Source record: 210132

Hello All
I'm looking for a cheap 2 meter reciever for a project I'm
doing. Something I can use Ni-Cad batteries with, and to fit in a
small space. I've looked at some kits, but they are a little big.
Any suggestions are welcome, since I just bought an ICOM 2 meter
handheld for the job in the meantime, also I need 3 recievers for 3
seperate automata with handhelds this would get a little pricey.
Thanks for any advice you can offer...
DD
VA3DIG
ddolan@inforamp.net

4189. Two Meter Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: Donald Dolan <ddolan@inforamp.net>
Message-ID: <48e8n6$e6q@sam.inforamp.net>
Source record: 210133

Hello All
I'm looking for a cheap 2 meter reciever for a project I'm
doing. Something I can use Ni-Cad batteries with, and to fit in a
small space. I've looked at some kits, but they are a little big.
Any suggestions are welcome, since I just bought an ICOM 2 meter
handheld for the job in the meantime, also I need 3 recievers for 3
seperate automata with handhelds this would get a little pricey.
Thanks for any advice you can offer...
DD
VA3DIG
ddolan@inforamp.net

4190. Re: Burt Fisher

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: cnc23a@b4pph13e.bnr.ca
Message-ID: <48cvlp$22f@crchh327.rich.bnr.ca>
Source record: 210134
Cross-posted to: rec.radio.amateur.space,rec.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.equipment

In article <ve7zvz-14119520021200001@206.12.26.40>, ve7zvz@dowco.com (Scott Leaf) writes:
|>
|> This is just a sample message, one of hundreds he has sent in a spam
|> fashion. I have no problem with his stupid jokes et al. What annoys me
|> is that every message he sends is crossposted on from 20 to 30 groups that
|> have little or nothing to do with what he is talking about.
|>
|> Could you please take appropriate steps to educate Burt.
|>
|> Thanks in advance,
|>
|> --
|> Scott Leaf VE7ZVZ
|> ve7zvz@dowco.com
|> Port Coquitlam, British Columbia, Canada
|> Mountain DX Club VA7SM - "To boldy VHF where no ham has VHFed before"

Some of us have tried. But as they say, "You can't teach an old dog....".

Seriously, old Burt stepped over the liine apparently in his spamming.
Maybe those upset should inform the SYSOP of Burt's 'board' of his
problems.

--
==========

Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
(919) 991-4769 email: cnc23a@bnr.ca Ham: N4ZBB Packet: n4zbb@n1gmv.nc
DX PacketCluster (tm) Node : W4DW

All opinions are my own and do not necessarily reflect the views of
my employer or co-workers, family, friends, congress, or president.

4191. Need Shure 444D Color Codes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDI3K91.65D@netcom.com>
Source record: 210135

I have a Shure 444D microphone and have lost the manual. I need to know the color coding on the cable. Anyone have this information or know Shure's telephone number?

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

4192. Two Meter Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: Donald Dolan <ddolan@inforamp.net>
Message-ID: <30AAA53F.1610@inforamp.net>
Source record: 210136

Hello All
I'm looking for a cheap 2 meter reciever for a project I'm
doing. Something I can use Ni-Cad batteries with, and to fit in a
small space. I've looked at some kits, but they are a little big.
Any suggestions are welcome, since I just bought an ICOM 2 meter
handheld for the job in the meantime, also I need 3 recievers for 3
seperate automata with handhelds this would get a little pricey.
Thanks for any advice you can offer...
DD
VA3DIG
ddolan@inforamp.net

4193. Yaesu FT-900AT *** For Sale ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: n4fsc@aol.com
Message-ID: <48e9c4$8gb@newsbf02.news.aol.com>
Source record: 210137

Yaesu FT-900AT For Sale. (With Internal Tuner).
Like new (no scratches, no problems, 100% operational, no mods)
In box with all packing and manual.
Warranty card not sent in.
Front panel separation kit.
Low miles (approx 2 weeks base station use, 1 year old)
All original wires and plugs unused except for 1 RCA plug.
I like the radio but need $$ for other toys.
If this is the radio you want you will not regret getting this one and
saving $200+
Firm at $1100, but I will pay shipping and insurance. (Money order or
Cashiers Check, COD ok).
Contact Craig at: (703) 444-1285 (Virginia), or: n4fsc@aol.com 73

4194. RE: GONSET G-14 CITIZENS COMMUNICATOR TUBE RADIO??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: jman1172@aol.com
Message-ID: <48c94v$m8n@newsbf02.news.aol.com>
Source record: 210138

DOES ANYBODY KNOW ANYTHING ABOUT THIS RADIO? I PICKED UP AT A
FLEA MARKET. IT HAS 4 CHANNELS AT LEAST 7 TUBES-12V-117VAC
NO POWER CORD. IT WAS MADE BY YOUNG SPRING & WIRE
HELP!!

4195. MFJ "QRP" Antenna Tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: Timothy_Cadigan@fforum.blkcat.com
Message-ID: <NOMSGID_1=3A109=2F239.0_951115_224000_c5ffe6db@fidonet.org>
Source record: 210139

Joe,
I have been using the QRP tuner for about 2 years.
I use it with an MFJ 9020 and my IC-725. There is a switch
on the bakc to toggle between low power 1-30 watts and hi
power. It is fine for a 100 watt station like the 725. I also
use it on 6m, does a fair job. The lower power setting and
cross needles for SWR and Power are pretty good at the qrp
levels - checks out with my watt meter. If you don't have
to run more than 200 watts it is a good tuner. I would be
careful using it on 160m with power levels above 100 watts.
Good luck!
73
tim cadigan, WC1F

4196. WTF A MIC FOR MY TS-670

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: Sneezey <sneezey@neta.com>
Message-ID: <30AACAFC.5031@neta.com>
Source record: 210140

Looking for a mic for my ts-670.

thanks
rob

4197. Re: FT-102 tx problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <816508576.21155@pinetree.microserve.com>
Source record: 210141

arahman@cyberus.ca (Ajmal Rahman VE2ZQ) wrote:

>I have an intermittent problem with the tx in my FT-102;the output goes
>from full to less than a watt.Have tried changing the 12by7 tube to no
>avail.It started out as very int. but is pretty solid now.
> Could it be bad or dirty contacts on the band switch or the
>famous relays, I wonder. For a while it looked like a component as it
>would start to work then die off, but the symptoms seem to change. I
>signal traced it right up to the grid of the 12BY7 and it seems ok.
> Any input based on your experiences would be greatly appreciated.

What happens to the plate current during the drop in output? Also,
if you turn the drive to zero and place the unit in SSB transmit mode,
is the resting plate current stable?

If you're not able to monitor the RF at the grids of the finals for
some reason, check to see if the screen, plate and bias DC voltages
on the driver are changing. Also check the grid and screen voltages
on the finals.

73,

Jack WB3U

4198. Re: Hotel Room HAM! Need HF equip. advice, please.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: gsparks@ix.netcom.com
Message-ID: <48d24n$g2v@ixnews7.ix.netcom.com>
Source record: 210142

In <okstein.121.020FB867@primenet.com> okstein@primenet.com (Charles Okstein) writes:
>
>Hi. I plan to be doing some travelling and would like to hear your >experiences about operating from hotel/motel rooms. I know 2 meters shouldn't
>be much of a problem, but I'm interested in exploring HF.
>
>Can it be done reasonably well? Will I have to use QRP equip? How about SSB?
> Where the heck does the antenna go-- and what bands should I be considering?
>
>Thanks for all your advice.

I've worked 40m CW from hotel with a TEN-TEC Scout. For the antenna, at one I parked my car in front of my room, and ran coax from the Bugcatcher through the window. I used CW so any RFI won't be readily identified, The other time I was staying for a week, and had a room on the 10th floor with a balcony, I c-clamped my bugcatcher to the steel rail of the balcony, and again ran CW.

Good Luck KI5GY Sparky

4199. re: WANTED: Icom 725 MODS for 11 meters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-15 00:00:00 UTC
From: Chad Payne <chad@split.com>
Message-ID: <Pine.BSD/.3.91.951115103207.14590A-100000@optim.ism.net>
Source record: 210143

> Has anyone thought about creating a Web site full of phoney rig-destroying
> instructions for Children's Band ops who want to wreck perfectly good ham
> transceivers to use them on 11m?

Yeah, and while your at it why don't you give us directions to your house
so we can go stick needles in your coax. Grow up!

Chad

4200. Kenwood TS-440 Computer Interface Info Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: wshort@nando.net
Message-ID: <48e2li$5v6@castle.nando.net>
Source record: 210144

Greetings,
I need info on the computer interface of the TS-440S...
I have the serial port level converter, but not any info on what is
needed to be added to the 440.

I would also like to purchase a manual for the TS-440.

Thanks, 73 N4SW

Email = wshort@nando.net

4201. Radio with Taping at Selected Times?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: wayne@netcom.com
Message-ID: <wayneDI47Iw.DH7@netcom.com>
Source record: 210145

Anyone know of a radio, AM&FM at least, that allows one to tape specific stations and times like a standard VCR? There are a number of early morning programs that I would like to tape and listen to while driving to work.

--

Wayne Watson wayne@netcom.com (415) 969-4233
Mountain View, CA

4202. Re: Radio with Taping at Selected Times?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <48eb7j$k05@tilde.csc.ti.com>
Source record: 210146

In article <wayneDI47Iw.DH7@netcom.com>, wayne@netcom.com says...
>
>Anyone know of a radio, AM&FM at least, that allows one to tape
>specific stations and times like a standard VCR? There are a
>number of early morning programs that I would like to tape and
>listen to while driving to work.
>--
>Wayne Watson wayne@netcom.com (415) 969-4233
>Mountain View, CA

Hi Wayne,
Living overseas (where the nights are days and the days are nights, so to speak) I have come up with a device to do this. Basically, I have a stereo-tape recorder hooked into one of those "el cheapo" light timers. It kicks on at 3 am, records the 2 hour NPR broadcast, and shuts off at 5 am. Then, I can catch NPR on my commute later in the morning.

I picked up my timer for about 8 bucks during an after-christmas sale. Found it at Wal Mart, in fact. I think it was designed to turn the christmas tree lights on and off at specified times, or maybe to cycle the lights when on vacation. Anyway, it works fine for my purpose.

Happy listening,
Joe

4203. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: carl@aoainc.com
Message-ID: <48ffar$75p@gaia.aoainc.com>
Source record: 210147
Cross-posted to: rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

In article <816282897.27302@intlog.demon.co.uk> spug@intlog.demon.co.uk (Sparrow) writes:
>jimc@mdsroc.com (Jim Clarke) wrote:
>>Oh, I see, the self-righteous calling the self-righteous self-righteous.
x
WIll you dingbats please kill this shit off?
It has little relevance to ham-radio, and no relevance at all to
any other newsgroup.
Kill it off !!!!!

--
Carl Witthoft @ Adaptive Optics Associates
carl@aoainc.com 54 CambridgePark Drive, Cambridge,MA 02140 617-864-0201
" Axis-navigo, ergo sum."

4204. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: Kevin Kelleher <kevink>
Message-ID: <48fiat$rhf@tristram.edc.org>
Source record: 210148
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine,rec.org.mensa.flame.flame.flame

After reading the original "sexy hams" message, I see that the hams in
question where not anatomical, but radio hams. Sorry. I just assumed
that in a rec.running, hams were the... well you know.

4205. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: tsavo@ix.netcom.com
Message-ID: <48evnk$i5i@ixnews5.ix.netcom.com>
Source record: 210149
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

[No readable article body recovered]

4206. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: billhar@spaceworks.com
Message-ID: <48eooe$pd9@mars.spaceworks.com>
Source record: 210150
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

>>I've only been an amateur radio operator for 18 years and I would have to
(snip)
>>Don't let the bad apples spoil the excitement that can be found in amateur
>>radio, there is something there for everyone (wives/girlfriends too).

>Speaking of HAM radios, could this group help me out? Every time I go and
>dive with my radio set, the fuse blows. What's the trick here?

Next time you dive make sure there is water in the pool.

Bill - K5MIL

4207. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: raiar@inlink.com
Message-ID: <48fo6h$fk8@news1.inlink.com>
Source record: 210151
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

If I fix a HAM & CHEESE on Jewish Rye, is it KOSHER, or must I use
Kosher Pickles to get the effect?

4208. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: "Sarah Godfrey"
Message-ID: <48g0lj$pss@news.missouri.edu>
Source record: 210152
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.ra

What is all this???

4209. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: Kevin Kelleher <kevink>
Message-ID: <48fhq6$r0k@tristram.edc.org>
Source record: 210153
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

Please add rec.org.mensa.flame.flame.flame to this thread.

And let me say that I love running behind a woman with sexy hams.

4210. Re: SUPER J POLE ANTENNA PLANS (Jpole.zip)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: ki7zd@chinook.halcyon.com
Message-ID: <48f2jd$8n7@news1.halcyon.com>
Source record: 210154
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna
Body handling: Inline uuencoded payload not displayed: jpole.zip

```
[Inline uuencoded payload not displayed: jpole.zip]

--
/-/-/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
| Amateur Radio Station Inet: ki7zd@halcyon.com
| KI7ZD
| WWA CN87 73's _._ .. __... __.. _.. "If RST > 519, Reduce Power!"
```

4211. Re: Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DI4zr1.B4w@hpqmoea.sqf.hp.com>
Source record: 210155
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Burt Fisher (k1oik@ccsnet.com) wrote:

: Then why do I get frequent messages that appreciate my comments?

Is this the first contact with non-human sapient entities ?

Or is someone going to suggest that any message that likes Burt's
humour..... No, who would be so cruel ?

Cheers,
David

4212. Re: Icom 761 with high pitch noise - need help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DI50HA.Brz@hpqmoea.sqf.hp.com>
Source record: 210156

Lynn D. Osterbur (no9z@prairienet.org) wrote:

: I have an Icom 761A that will intermittently emit a high pitch
: noise. The sound is very similar to that of a television high voltage
: noise. It occurrs in rx and tx, but more pronounced in tx. Any ideas?
: Any advice would be appreciated. tks de Lynn
: --

That radio and the 765 have switch mode power supplies. If something in the ferrite power transformer is able to vibrate, you can get sounds at fractions of the switching frequency. Drive a dummy load and vary the power output (Use CW, key down, but don't hold for too long) and you'll be able to hit a number of modes that make different sounds. On SSB, these effects are voice modulated, you may be able to hear a mumbling sort of "monkey chatter"

It's just something you dismiss once you know the cause. The SMPS is fairly efficient and is very well screened and filtered, the result is a lower power bill, a lighter radio, and a radio that runs a lot cooler - needing less fan activity. Internally, everything in the radio is powered from a single 13.8v feed, by the way. Also the fins on the power supply case are scalpel-sharp BEWARE! and the control IC for the supply is obsolete, I think ICOM have some stocks for repair purposes. I laid in a couple of spres for my 765

Cheers
David GM4ZNX

Oh, yes The manual is in error about how to change for 220/240v power - it omits to mention a link UNDER the main input bridge rectifier.

4213. Re: Icom 706 - modified

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: harjula@ntc01.tele.nokia.fi
Message-ID: <1995Nov16.151230.1@ntc01.tele.nokia.fi>
Source record: 210157

In article <4884r9$14to@chnews.ch.intel.com>, cmoore@vegas.ch.intel.com (Cecil A. Moore~) writes:
> In article <1995Nov8.090310.1@ntc01.tele.nokia.fi>,
> <harjula@ntc01.tele.nokia.fi> wrote:
>
>>The fourth yellow wire seems to control
>>a lowpass/highpass 120 MHz filter. In the standard configuration the highpass
>>filter is used only on 144-148 MHz, every other frequency uses the lowpass.
>>Anyway, if you want to listen to frequencies above 120 MHz this mod is
>>very useful. It does even remove most of the FM band intermodulation.
>>I just don't understand why Icom has not put the switching limit on
>>120 MHz instead of 144/148.
>
> Does this mod affect HF or 6m? After the mod, what frequencies use the LP and
> what frequencies use the HP filter?

The mod affects only frequencies above 60 MHz. If you just cut or remove the yellow wire, the HP or actually 2m bandpass filter is used all the time.

Last night I took the loose yellow wire and connected it to a VCO control switch transistor (?) on the lower PC board. Now I have the LP filter in use between 60 and 129 MHz and the 2m bandpass between 129 and 200 MHz.

There are five SMD transistors on the lower PC board just behind the "MENU" button. The one in the middle controls the VCO that is in use from 60 to 129 MHz. The single pin has 5V when within this range. There is a trace from this pin to a plated-through hole near J6. This is a good place to connect the wire. (I haven't even seen the schematic so cannot say if this is the best way to do it. But it works for me.)

129 MHz seems to be quite close to the cross-over point of the LP and 2m BP filters. Here is a listing of the (NBFM) signal strength needed to "light" the first segment on the S-meter on each frequency:

MHz uV/LP uV/BP
125 .8 2
135 12 .5
145 .15
155 30 .5
165 3
175 11
185 140

After the mod I can listen to the Helsinki airport on 134 MHz but the Meteo on 128.4 is still drowned in intermod from the FM BC band.

> thanks and 73, Cecil, KG7BK, OOTC (not speaking for my employer)
Neither am I. Proceed at your own risk etc. And have more fun with the 706 !

73 de Arto, OH2BGN
--
Arto Harjula tel +358-0-5112 8308 fax +358-0-5112 8299
Nokia Telecommunications / PMR arto.harjula@ntc.nokia.com

4214. Standard 568A recovery?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: mfogarty@netcom.com
Message-ID: <mfogartyDI4LrB.DrC@netcom.com>
Source record: 210158
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.scanner

A new tribander is out from Standard: the 568A. It receives a surprising array of frequencies, including 800-1300MHz. Does anyone know of mods for recovering the interesting parts of the 800 realm? I've checked Oakland and can't get through to AD4HL's BBS (at 615-537-6051).

Does anyone have one of these radios? What do you think?

I'd also like to get a general feeling for what people think about the Standard brand.

In the market,
Mike

4215. Standard C568A - Any Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: Thomas Mitchell <thmitchell@delphi.com>
Message-ID: <RVHlyrW.thmitchell@delphi.com>
Source record: 210159

If you know of any, please advise.
Thanks.

Tom Mitchell
KG7U

4216. MOD NEEDED HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <48fhmm$f72@newsbf02.news.aol.com>
Source record: 210160

Anyone, know any MODS for the Radio Shack HTX-212? I want the MOD that will allow me to store freq's outside the ham band. Or anything else that someone might know. If you know anything please post it to me A.S.A.P

Thanks... N9MXT1 - Jeffrey
N9MXT - Jeffrey

4217. Re: Radio with Taping at Selected Times?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1611950906230001@m14494-mac.mitre.org>
Source record: 210161

wayne t. watson wrote:

> Anyone know of a radio, AM&FM at least, that allows one to tape
> specific stations and times like a standard VCR? There are a
> number of early morning programs that I would like to tape and
> listen to while driving to work.

The Sony SW-55 will control an external tape recorder.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

4218. R5000 Misbehaves

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: afpgreg@gatekeeper.ddp.state.me.us
Message-ID: <48fkl8$dtm@web.ddp.state.me.us>
Source record: 210162

My R5000 Rx is acting up.
Simply quits on hot humid days of summer and
then lately its doing the same if I leave the radio unplugged, a regular
practice to prevent lightning or ac spikes from killing the front end.
In the latter, more recent condition, the digital display goes
blank--with decimal points across the display but is revived if I tune up
or down a few kcs. But if left on frequency, it goes blank. Sometimes I can hear
what's on the frequency, but usually all's dead other than some baseline
noise when the af gain is cranked up.
Also, the built-in VHF converter doesn't stay engadged during
these seizures, reverting back to the hf bands for a moment and
then the display quits as explained.
Paul Frustrated. Any diagnoses and presriptions from the group
are gratefully appreciated!
--Paul

4219. Re: Yaesu FT-757GX KAPUT! Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: "Ron W. MacPherson" <Ron.MacPherson@crad.dnd.ca>
Message-ID: <48fp4g$fs0@sparky.crad.dnd.ca>
Source record: 210163

pruth@ocvaxa.cc.oberlin.edu wrote:
>My radio was fine until I switched it on last night, when it was
>totally dead. The power supply is fine, and I routinely disconnect
>antenna and line cords whenever I stop operating to prevent
>static or power surges. When I push the ON button nothing
>happens, no lights, no sounds, nothing--no power is going anywhere.
>Is this a simple fix or a catastrophic event, all ye who have
>Been There? Thanks for any advice you can give. --Bill KB8USZ
>pruth@alpha.cc.oberlin.edu

I've experienced this problem a couple of times. Even took the
whole thing apart trying to find out what went wrong. Then I
discovered tha the PTT switch on my desk mic was weighted done by
a book. The radio won't turn on if any of the tranmit switches
are on, including the one on the front panel. Once I verified
everything was off it worked on power up. Boy did I feel
sheepish! Hope your problem is as simple.

--
Ron MacPherson, DS Pol 3 __ /| Desk: (613)
995-2085
Ron.MacPherson@crad.dnd.ca \'o O' Fax: (613)
996-0038
Ottawa, Ontario CANADA =(_*_)=
U "Touch not the cat but
a glove."

4220. FS:TEK 465M

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: "michael p. murphy"
Message-ID: <48fq8k$48p@news2.cts.com>
Source record: 210164

TEK 465M SCOPE, GOOD COND, $350

MIKE 619 588 7817 VOICE/FAX

4221. FS:TEK 465M

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: "michael p. murphy"
Message-ID: <48fq9h$48s@news2.cts.com>
Source record: 210165

TEK 465M SCOPE, GOOD COND, $350

MIKE 619 588 7817 VOICE/FAX

4222. Kenwood TS-870s DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: Keith Poole <kp2a+@andrew.cmu.edu>
Message-ID: <AkeqyPa00iVG46G7dF@andrew.cmu.edu>
Source record: 210166

Does anyone know how well the IF-DSP in the new Kenwood TS870s works? Have there been any reviews of the transceiver in the magazines yet?

Thanks.

Keith Poole K7MOA/3 Pittsburgh, PA
K7MOA St. Helens, OR
W6UE Pasadena, CA

4223. ts-520 receiver being overloaded by strong local signals

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: tomas@ra.cgd.ucar.edu
Message-ID: <48ftv1$158@ncar.ucar.edu>
Source record: 210167

I have an old ts-520s and I live in a neighborhood where several other hams opperate hf cw. Unfortunately, the receiver becomes severally desensitized when a strong, nearby signal is present. I am wondering if there might be a way to modify the receiver so this it not such a bad problem.

bob

4224. Re: J POLE ANTENNA Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: burke_br@adcae1.comm.mot.com
Message-ID: <48fchj$nqk@brokaw.comm.mot.com>
Source record: 210168

In article 15088@ke4zv.atl.ga.us, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
}In article <charles1DHsoM7.4B0@netcom.com> charles1@netcom.com (charles copeland) writes:
}>In article <charles1DHso2z.3Hy@netcom.com>,
}>charles copeland <charles1@netcom.com> wrote:
}>>
}>>From: N6DCD@KB7WE.#WWA.WA.USA.NOAM (packet)
}>
}>I have two questions about making a J pole.
}>
stuff deleted
}
}If you want gain, you can stack halfwave sections using hairpin
}phasing sections. A four bay J-pole built like this has 6 dbd,
}8.2 dbi, and is still mechanically rigid if made out of good size
}copper pipe. The plumber's delight construction makes the J pole
}easy to build, DC grounded for safety, and easy to mount.

Actually, end-fed phased arrays don't achieve their theoretical gain.
I don't remember the exact technical term, but essentially you run
out of energy to excite the succeding sections. It becomes a diminishing
return. This is discussed in Jasik's book on Antennas.

Besides, 4 stacked half-waves would be a nightmare mechanically
using hairpins. Your talking about an antenna of about 14 feet in
height here! Two sections is about the mechanical limit.
}
}Gary
}--
}Gary Coffman KE4ZV

73,
Bruce, WB4YUC

4225. Re: Radio with Taping at Selected Times?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: philkeys@olympus.net
Message-ID: <philkeys-1611951021070001@ptpm004.olympus.net>
Source record: 210169

Boy, if you find out; let us know. I have a Sangean ATS818cs which will start recording at a preset time. But it's a real kludge. Have to set frequency and mode, set record time, turn on PRESET switch, press down RECORD and wait. Most often forget to do it all exactly right.

But it shouldn't be too hard to make such a setup using a receiver with RS-232 control, a recorder with an external start/stop connection and software to control both of them. Anybody know of any applicable software?

In article <wayneDI47Iw.DH7@netcom.com>, wayne@netcom.com (wayne t. watson) wrote:

> Anyone know of a radio, AM&FM at least, that allows one to tape
> specific stations and times like a standard VCR? There are a
> number of early morning programs that I would like to tape and
> listen to while driving to work.
> --
> Wayne Watson wayne@netcom.com (415) 969-4233
> Mountain View, CA
--
philkeys@pt.olympus.net (Phil Keys) KJ7ET Jeff Co Search & Rescue
Software Consultant - specializing in software safety & SQA
Port Hadlock, WA 98339 (206) 379-8650 122 44.0W 48 02.0N

4226. New Icom IC-2350 Dualband

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: <>
Message-ID: <48g0r9$sce@pathway1.pathcom.com>
Source record: 210170

Does anyone know any mods for the new Icom IC-2350 dual band mobile?

jfox@pathcom.com

4227. Repeater Controller suggestions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: "F. Kevin Feeney" <fkf1@cornell.edu>
Message-ID: <48g4j8$3ks@newsstand.cit.cornell.edu>
Source record: 210171

Hi,

We're upgrading our repeater and would like to add a controller that is very flexible and easy to remotely program. I've looked at the CAT series, and we have an RC85 - what's the next generation beyond these like? I"ve heard of new controllers based on PC's and sound cards. Anyone have pointers to controllers of this type, or any other new controllers I should be aware of?

Thanks in advance.

Kevin, WB2EMS
"Unencrypted email is just another word for evidence."

4228. Re: Yaesu Email Address?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: "D. Dolan" <ddolan@inforamp.net>
Message-ID: <30AAF219.310F@inforamp.net>
Source record: 210172

www.yaesu.com doesn't work. I'll see if I can find e-mails for all
the manufacturers... Kenwood, Icom, Yaesu etc... Actually maybe we
should ask
http://www.arrl.org/
let me know if anyone has any luck and I'll try and post the
results..
VA3DIG clear...

4229. Tired of Burt Fisher ?? Read This !!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: gnewbe2635@aol.com
Message-ID: <48g8us$jv8@newsbf02.news.aol.com>
Source record: 210173
Cross-posted to: rec.radio.amateur.space,rec.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.equipment

Hello,
if you are tired (like I am) of seeing meaningless, ego driven diatribe
posted and crossposted by Burt Fisher all over the Amateur Radio
Newsgroups,
try sending a E-Mail message to :postmaster@ccsnet.com and
postmaster@meol.mass.edu and tell them that you are tired of Burt Fisher
(k1iok@ccsnet.com and fisher@meol.mass.edu) constantly spamming the
amateur radio newsgroups and God knows how many others.(I've allready sent
my
complaint to them)

With any luck they might give Fisher all the attention he so desperately
seeks
and we can carry on our amateur hobby without his meaningless spams :)

Gary

4230. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Message-ID: <199511162147.PAA14059@outpost.safe.ia.gov>
Source record: 210174

```
>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Thu Nov 16 15:50:30 CST
1995 remote from osiint.safe.ia.gov
Date: 16 Nov 1995 15:44:38 -0600
X400-Trace: US*ATTMAIL*IADPS
arrival 16 Nov 1995 15:44:38 -0600
action Relayed
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@osiint.safe.ia.gov
To: "/rfc-822=ham-equip(a)ucsd.edu/OU=osi-internet/O=wallace/PRMD=iadps/ADMD=attmail/C=us/
"@osiint.safe.ia.gov
Subject: ICOM 706
Importance: normal
Autoforwarded: FALSE
Message-Id: <werl1116154445aa*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@
osiint.safe.ia.gov>
P1-Message-Id: US*ATTMAIL*IADPS;IDPS3550 werl1116154445aa
UA-Content-Id: werl1116154445aa
P1-Content-Type: P2
Priority: normal
Received: from osiint.safe.ia.gov by iadpshub.safe.ia.gov; Thu, 16 Nov 1995 15:50 CST
Content-Type: text
Content-Length: 395

One point you may have missed on the Icom 706, it has a built in electronic
keyer. This is done by several commands to the unit and use of the up/down
keys on the mic for keying. No CW key or paddle necessary! Pretty neat!
I got to use it last night, great setup.
The pre-amp is really good.

Tnx to W0RFX for use of his new rig,
73 all Scott N0XZY
werling@safe.ia.gov
```

4231. WTB: 406-420 Micor or Mitrek

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: cole@coltechinc.com
Message-ID: <48eg4f$ru8@nnrp3.news.primenet.com>
Source record: 210175

I am looking for Motorola Micor or Mitrek radios in the 406-420 MHz band to convert into link radios for the ARizona Repeater Assoc sites in Arizona.

The club is putting up some new sites and needs radios which go into the lower UHF region where the link radio freq allocations are... They are hard to find and we are out of what we've been using. Prefer the Motorola radios since we have a bunch of parts and experience using them, but GE radios of the crystal controlled variety will also work.

What ever you have in this range, I'd like to hear about it.

73, Cole AA7RD, Phoenix, AZ

4232. Differences between IC-2300A and IC-2310A?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: moyers@cti-pet.com
Message-ID: <moyers.19.0A8FD93B@cti-pet.com>
Source record: 210176

Can anyone describe the differences between the ICOM IC-2300A and the IC-2310A?

Do they allow simultaneous receive of both bands? crossband repeat? remote operation? do they come with duplexer or two separate ant jacks? 800 Mhz receive?

Help?

Clif
WA4BKY
(moyers@cti-pet.com)

4233. Re: Two Meter Receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <48gagl$ngq@abyss.West.Sun.COM>
Source record: 210177

In article <30AAA53F.1610@inforamp.net>,
Donald Dolan <ddolan@inforamp.net> wrote:
>Hello All
> I'm looking for a cheap 2 meter reciever for a project I'm
>doing. Something I can use Ni-Cad batteries with, and to fit in a
>small space. I've looked at some kits, but they are a little big.
>Any suggestions are welcome, since I just bought an ICOM 2 meter
>handheld for the job in the meantime, also I need 3 recievers for 3
>seperate automata with handhelds this would get a little pricey.
>Thanks for any advice you can offer...

An older pager should do the trick; I scrounged some old
(early 80s vintage) Motorola pagers that have neat receivers.
I didn't recrystal it, but I left it running on the bench
on a single AA cell for a couple of weeks... if you need
audio, you'll need to add an amplifier and stuff.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

4234. Re: Kenwood TS-870s DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: nema@pcnet.com
Message-ID: <48ggfh$pef@pcnet2.pcnet.net>
Source record: 210178

In article <AkeqyPa00iVG46G7dF@andrew.cmu.edu>
Keith Poole <kp2a+@andrew.cmu.edu> writes:

> Does anyone know how well the IF-DSP in the new Kenwood TS870s works? Have
> there been any reviews of the transceiver in the magazines yet?
>
> Thanks.

Try November CQ pp38

Richard
N1VXW

4235. Re: Repeater Controller suggestions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: no6b@no6b.jpl.nasa.gov
Message-ID: <1995Nov16.205557.14812@llyene.jpl.nasa.gov>
Source record: 210179

In <48g4j8$3ks@newsstand.cit.cornell.edu>, F. Kevin Feeney <fkf1@cornell.edu> writes:
>Hi,
>
>We're upgrading our repeater and would like to add a controller that is
>very flexible and easy to remotely program. I've looked at the CAT
>series, and we have an RC85 - what's the next generation beyond these
>like? I"ve heard of new controllers based on PC's and sound cards. Anyone
>have pointers to controllers of this type, or any other new controllers I
>should be aware of?
>
>Thanks in advance.
>
>Kevin, WB2EMS
>"Unencrypted email is just another word for evidence."

Try Link Communications in Sidney, MT: 406-482-7515. They specialize in
multi-port controllers. We have one here at JPL that can handle up to 8
radios.

Bob

4236. MOds needed for the Alinco 610

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: dmclean@dfw.net
Message-ID: <48guvt$e6s@dfw.net>
Source record: 210180

I am looknfor the mods for the alinco 610 moble. please send them
--
David MClean
From the World of Ham Radio!
KC5NNV Is Clear!

4237. Re: J POLE ANTENNA PLANS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: burke_br@adcae1.comm.mot.com
Message-ID: <48fc6g$nqk@brokaw.comm.mot.com>
Source record: 210181

In article 3pm@info4.rus.uni-stuttgart.de, moritz@ipers1.e-technik.uni-stuttgart.de ()
writes:
}In article <charles1DHso2z.3Hy@netcom.com>,
}charles copeland <charles1@netcom.com> wrote:
}
}Hello,
}
}This is a very detailed description, which will surely inspire
}many newcommers to build their own antenna. But particularily
}for this reason, the shortcommings should be pointed out:
}
}Although copper tubing is quite cheap, when you add up the
}price for all the bits...

The only extras are 2 caps, a right angle piece and a tee? Another
dollar-and-a-half?
}
}Not to speak of the additional material needed to weatherproof the
}upen coax feed.
}(a gp from simple stiff copper wire on a coax socket and plug is
}better in this respect)
I agree. Take the time to fashion a connector on a bracket. Also,
the feed is very sensitive to inductance. Use heavy braid or copper
flashing about 1 inch wide to feed the antenna. Stray feed inductance
affects the minimum SWR that can be obtained.
}
}>7. Route the coax and tape it to the mast to make it look neat.
}
}He does not realize that the feed line can interact wit the stub,
}and therefore it should be brought out at a right angle.
The radiation point for this antenna is well above the feed. Attaching
the coax to the antenna changes little.
}
}>NOTE: While theoretically a J-Pole is an omnidirectional antenna, You may
}>find (many of us have) that it does have a small amount of directivity.
}>Rotating it while checking field strength may prove interesting.
This is true, the stub may have a slight effect.
}
}Theoretically the J-Pole is an antenna which requires a *symmetric*
}feed. Using it without a balun does create problems, although not always
}noticed.

This is not a balanced antenna and does not need a balun, it will only
introduce loss.
}

}73, Moritz DL5UH
}
73,
Bruce, WB4YUC

4238. Re: IC-31a or IC-Z1 Mods ????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <48fe6t$cod@news.halcyon.com>
Source record: 210182

Radio / Tech modifications Volume 8A has these modifications included.
Also check with your dealer, though he may require you to provide a MARS or
CAP license.

73' Gary

4239. Re: Kenwood Repairs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <48ebuk$cet@bighorn.accessnv.com>
Source record: 210183

kleerdex@epix.net (Vic Klein) wrote:
>I have a Kenwood TM-221 that has been mobile for 8 years and starting
>to get a bit flaky. I'd like to send it to Kenwood, but have no
>experience with their repair centers. Any comments out there? Are
>there other options?
>
>=Vic=, WA4THR

Vic, The information you seek is available in the "Kenwood Report"
July/August issue.
http://www.kenwood.net

73 Bob

4240. FS Lowe 150, PR 150, SP 150

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: alvp@usa.pipeline.com
Message-ID: <48fm30$s0l@news1.usa.pipeline.com>
Source record: 210184

Very good condition; all major components, incl. tuner (HF 150) Preselector (PR 150) and outboard speaker w/ notch (SP 150). Includes power suppli(es) and whip for portable use.

4241. *** FS: AOR AR8000 ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: critchie@ix.netcom.com
Message-ID: <48ecj9$5k0@ixnews2.ix.netcom.com>
Source record: 210185

For Sale AOR AR8000 receiver:

Full coverage - 100kHz to 1900MHz continuous no gaps, full 800MHz
coverage
All Mode Reception - AM, USB, LSB, CW, NFM, WFM
Programmable Step Size in 50Hz increments
4.0kHz SSB filter
Alphanumeric multi-line display
Signal Strength bar graph
1000 channel memory bank
computer control I/O port.

Too many features to list. Basically, top of the line receiver with
full coverage.
Purchased in Europe while on vacation, barely used. Price includes
complete unit with
manual. Asking $550.00, I'll pick up the UPS shipping (within the
U.S.).

Email inquiries to: critchie@ix.netcom.com

4242. Info on Uniden 2020

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: joe@westonia.com
Message-ID: <DI416n.FFu@westonia.com>
Source record: 210186

I have just purchased a Uniden 2020 (made about 1976) and I'm finding it to be a very good xcever.

I have heard of this brand befor, but I have no idea of its 'history'.

Could someone provide some information regarding the current status of the company and who is supporting the product for parts and repairs in the U.S. (and Canada if possible)

Thanks in advance.

* Joseph Cooper:-VE3FMQ-QTH-East York-near Toronto Ontario Canada *
* Interests are:- BCB and VLF Radio-Woodworking-Steam Railroads - *
* -Nikola Tesla-Antique Radios-Crystal Radios-Travel-Burmese Cats *
* FAX (416) 423-7782 9:00pm to 5:00pm EDST Monday To Friday Only *

4243. FT-900 & TS-450 comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: barsta1@epo.gov.on.ca
Message-ID: <48eoq3$ju9@govonca3.gov.on.ca>
Source record: 210187

I'm just in the process of buying a small rig that I can bring to my cottage and in the boat etc. Used to have a FT1000D and had to sell for home renovations, so I'm kinda spoiled.

Which rig would be recommended FT900, TS450 or TS50? I'm a CW fan, so buildt in keyer would be an advantage plus maybe some filters included. There seem to be quite a few FT900's on the used market. Any reason for this?

Any help would be appreciated.

73,
VA3ARE - Are Barstad

4244. Mail failure

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: POSTMASTER@MSPO1.MED.UTMB.EDU
Message-ID: <199511162011.MAA05480@UCSD.EDU>
Source record: 210188

FROM: UTMB/MSPO1/POSTMASTER
TO: Ham-Equip@UCSD.EDU DATE: 11-16-95
TIME: 12:17
SUBJECT: Mail failure
---

[012] This corrupt message cannot be delivered. Contact your administrator.

Ham-Equip Digest Thu, 16 Nov 95 Volume 95 : Issue 597

Today's Topics:
AM Car Radio Fade Under Power Line?
Apartment ham needs RF Hot Spot advice (3 msgs)
FT-102 tx problem
Grounding a home made copper Jpole
Help: Lookup needed in Am.Radio Trader
Henry 3002 amp swap for HF amp
Hotel Room HAM! Need HF equip. advice, please.
IC-706 HF Rig Features
Icom 706 - modified advertising! Check web site!
Kenwood TS-440 Computer Interface Info Needed
MFJ micro. Morse trainer. (2 msgs)
Mods for Icom IC-736
need HP scanjet card
Need info on Icom IC-901
Opinions on new Radio Sha
PLEASE TAKE MOMENT TO READ THIS
QRP kit info wanted
Radio Links Galore
Radio with Taping at Selected Times?
TS50
Where can I get copper tape/mettalic spray paint

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 14 Nov 1995 11:26:50 -0500
From: w8jitom@aol.com (W8JI Tom)
Subject: AM Car Radio Fade Under Power Line?

In article <wayneDI0p1v.ALq@netcom.com>, wayne@netcom.com (wayne t.
watson) writes:

>Yes, I know this is probably not the place to ask questions about
>AM car radios, but haven't found another place, so here goes. I
>just had a new Kenwood AM/FM radio installed in my car to replace
>the old worn out one. On AM, I notice that whenever I get near
>sizeable looking power lines that the signal fades. This does not
>happen on any of my original car radios. I talked to the salesman
>about this, and he claimed that this is fairly typical of aftermarket
>auto radios. Is this so, and is there something that can be done
>to reduce the fade with the present radio?
>--
>Wayne Watson

Hi Wayne,
The problem exists with all car radios, but is aggrivated by a lack of AM sensitivity in the aftermarket ones. Most factory AM car radios are designed to present a very high impedance to the antenna, most aftermarket ones are not!

The antenna on your car is a voltage probe on the AM band. It senses the electric field. That makes the antenna couple to a very high impedance source, a lot of voltage compared to the available current. The low radio input Z loads the antenna down by requiring too much current, and that reduces the voltage.

The power lines do the same, they disturb the electric field by "loading it down". So the voltage available at the car antenna is reduced when you are near them!

73 Tom

Date: 14 Nov 1995 16:28:33 GMT
From: Thomas Brockdorf <tbrock@execpc.com>
Subject: Apartment ham needs RF Hot Spot advice

mparkes@aol.com (Mparkes) wrote:
>I live on second floor of apartment. Running a IC751a into a Isotron
>20/40/80 meter antenna sitting on the balcony. Antennas are tuned to
>resonance. I have grounded the rig to the only "ground" I have...the
>ground plug on the wall outlet, but I am still getting RF all over the
>radio on XMIT. Any advice as to what to so? I am using a tuner also
>(incase swr goews over 1.5 to 1) but it doesnt make any difference whether
>tuner ios in line or not. HELPPP!!!!!
>-Mike KS4DA

Mike,
Try running a ground wire to a water pipe. Unless you have
plastic plumbing, the water pipe would be a much better ground
for R.F. then the electrical system ground.

73 de Thomas AA9IS

Date: Wed, 15 Nov 1995 17:20:53 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Apartment ham needs RF Hot Spot advice

In article <48b000$3b1@pcnet2.pcnet.net> nema@pcnet.com (Richard Lubash)
writes:
>:
>> >I live on second floor of apartment. Running a IC751a into a Isotron
>> >20/40/80 meter antenna sitting on the balcony. Antennas are tuned to
>> >resonance. I have grounded the rig to the only "ground" I have...the
>> >ground plug on the wall outlet, but I am still getting RF all over the
>> >radio on XMIT. Any advice as to what to so? I am using a tuner also
>> >(incase swr goews over 1.5 to 1) but it doesnt make any difference whether
>
>MFJ Makes a tunable artificial ground. I have not tried it but you
>might check it out

Grounding, artificial or not, is a kludge, a bandaid, and not the
proper solution to this problem. You're getting RF on the rig because
RF is coming back down the *outside* of the coax from the antenna.
Put a choke balun up there at the antenna feedpoint, route the cable
at right angles to the field, and no more RF on the rig.

Unless you're feeding a long wire directly from the rig (or associated
ATU) there's no reason to have an RF ground at the rig. You need a
safety ground, of course, and the 3rd wire connection supplies that,
and you might want a lightning protective ground (which the artificial
ground won't provide), but you don't need an RF ground.

Airplanes and satellites don't have an Earth connection, but their
radios and antennas work fine anyway. Establishing an Earth connection
for stray RF suppression is a bandaid (and can often make the problem
worse instead of better anyway). Stop the RF from straying in the first
place and you won't need to put a bandaid over that cancer.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 14 Nov 1995 20:59:44 GMT
From: nema@pcnet.com (Richard Lubash)
Subject: Apartment ham needs RF Hot Spot advice

:

> >I live on second floor of apartment. Running a IC751a into a Isotron
> >20/40/80 meter antenna sitting on the balcony. Antennas are tuned to
> >resonance. I have grounded the rig to the only "ground" I have...the
> >ground plug on the wall outlet, but I am still getting RF all over the
> >radio on XMIT. Any advice as to what to so? I am using a tuner also
> >(incase swr goews over 1.5 to 1) but it doesnt make any difference whether

MFJ Makes a tunable artificial ground. I have not tried it but you
might check it out

Richard
N1VXW

Date: 3 Nov 1995 05:00:43 GMT
From: arahman@cyberus.ca (Ajmal Rahman VE2ZQ)
Subject: FT-102 tx problem

I have an intermittent problem with the tx in my FT-102;the output goes
from full to less than a watt.Have tried changing the 12by7 tube to no
avail.It started out as very int. but is pretty solid now.
Could it be bad or dirty contacts on the band switch or the
famous relays, I wonder. For a while it looked like a component as it
would start to work then die off, but the symptoms seem to change. I
signal traced it right up to the grid of the 12BY7 and it seems ok.
Any input based on your experiences would be greatly appreciated.
Tnx 73
Ajmal ve2zq/3

Date: Tue, 14 Nov 1995 17:24:22 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: Grounding a home made copper Jpole

In article <Pine.A32.3.91.951114103202.34755A-100000@storm.atms.purdue.edu>
BRETSKI <bap@storm.atms.purdue.edu> writes:
>
>I have a copper Jpole up on a mast. I would like to ground it.
>How would I do this?

Assuming you're using a metal mast, and it's clamped to the mast,
just ground the mast. #8 copper to an eight foot ground rod. Use
approved grounding clamps on both ends. If you're using a non-conducting
mast, then place the ground clamp at the bottom of the J in the J-pole
and wire to the ground rod as above.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: Tue, 14 Nov 1995 20:07:59 GMT
From: white_hae@ccsua.ctstateu.edu
Subject: Help: Lookup needed in Am.Radio Trader

Hi
I need someone to look up a piece of gear that I haerd was advertised in the
latest issue of Amateur Radio Trader. Drop me a note if you can help out.
Thx & 73 de N1QVE/Harry

white_hae@ccsu.ctstateu.edu

Date: 14 Nov 1995 13:44:20 -0500
From: kckm@aol.com (KCKM)
Subject: Henry 3002 amp swap for HF amp

I have a like new Henry 3002 vhf 2KW amplifier (8877) and am looking to
trade it for a good HF amplifier. 1-810-887-1682 or KCKM@AOL.com
Ken Johnson

Date: Sat, 11 Nov 1995 20:57:48 MST
From: okstein@primenet.com (Charles Okstein)
Subject: Hotel Room HAM! Need HF equip. advice, please.

Hi. I plan to be doing some travelling and would like to hear your
experiences about operating from hotel/motel rooms. I know 2 meters
shouldn't
be much of a problem, but I'm interested in exploring HF.

Can it be done reasonably well? Will I have to use QRP equip? How about
SSB?
Where the heck does the antenna go-- and what bands should I be considering?

Thanks for all your advice.

Date: Tue, 14 Nov 1995 17:29:38 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: IC-706 HF Rig Features

In article <jgardnerDI0855.GoK@netcom.com> jgardner@netcom.com (Jerry
Gardner) writes:
>Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
>: Oh, I agree, Fred. In an ideal world, full documentation would be

>: included with the radio. But I realize that the industry trend is
>: to unbundle service information. I can accept that because few amateurs
>: actually service their own radios today, but I still think a schematic
>: is a must with *every* radio. If need be, I can puzzle out component
>: locations, but I don't want to have to reverse engineer the radio to
>: see how it is designed.
>
>Then buy Ten-Tec. Their manuals include complete schematics, pictures of
>each PC board, a description of what each board does, and tuning information
>where appropriate.

Fine, Jerry, tell me the model number of the Ten-Tec with the size and
frequency range of the IC-706 and I'll get it on order in a jiffy.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

Date: 14 Nov 1995 13:51:10 -0500
From: kg7fu@aol.com (KG7FU)
Subject: Icom 706 - modified advertising! Check web site!

This talk about FM Stereo reception peaked my interest since I'm in the
broadcast industry. I doubt the selectivity nor bandwidth of the 706's IF
filtering will allow enough of the composite signal to pass to properly
decode the stereo matrix. If I'm wrong, you'll need to take a sample of
the composite signal before the discriminator and route it into an
external matrix decoder and detector. Motorola thoughtfully provides
several multi-function IC's to do the job. My personal opinion is it's a
waste of time.

de KG7FU

Date: Thu, 16 Nov 1995 00:49:57 GMT
From: wshort@nando.net (Walt)
Subject: Kenwood TS-440 Computer Interface Info Needed

Greetings,
I need info on the computer interface of the TS-440S...
I have the serial port level converter, but not any info on what is
needed to be added to the 440.

I would also like to purchase a manual for the TS-440.

Thanks, 73 N4SW

Email = wshort@nando.net

Date: 14 Nov 1995 12:09:59 -0500
From: amencke@panix.com (Andres Mencke)
Subject: MFJ micro. Morse trainer.

MFJ Enterprises Inc. makes a small microprocessor
based morse code trainer powered by a 9 Volt battery.

Has anybody used this device? How does it perform?
Has anybody adapted it to work as station ID?

Thanks,

Andres Mencke (N2TYZ, amencke@Panix.Com)

Date: Wed, 15 Nov 1995 20:48:51 GMT
From: faunt@netcom15.netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: MFJ micro. Morse trainer.

Unless MFJ has upgraded the firmware, it doen't do Farnsworth code at
20 WPM (23WPM characters at a 20WPM rate, like some VEC's test).
Neither does the Computer Aided Technology unit
On the other hand, I carry one of the MFJ or the CAT with me most of
the time, and get in a little bit of practice during odd free moments.
I'm looking forward to my December QST.
73, dou

Date: 9 Nov 1995 23:52:06 GMT
From: yingst@knighted.com (Harry Yingst)
Subject: Mods for Icom IC-736

From: yingst@knighted.com (Harry Yingst)
Subject: Mods for Icom IC-736
Date: 9 Nov 1995 23:52:06 GMT
Organization: Knighted Computers
Message-ID: <47u476$les@crier.knighted.com>

Does anyone have any mods for the ICOM IC-736? I'm looking for a way to
turn the pre-amp back on below 1.6 Mhz.
Icom turns it off even though it the light says it's on.
I would like to listen for some lowfer stations 1750 meter band
(160-190 kc. 1 watt into a 50 ft antenna). I'm also looking for a way to
improve the recieve audio.
The recieve audio sounds flat and distant, lacking highs & lows.
With the notch filter ON the audio sounds a little better,
but it still could use some improvement.
They re-shape the audio through the notch filter,
and it actually has a nicer sound with the notch filter on

(Has more highs & lows).
I had a IC-737 that had the same problem with the audio,
just not sounding quite right. I am also interested in any other mods
for the Icom IC-736. Please send any replies to yingst@knighted.com Note:
If you post a reply into this newsgroup I proably wont get it,
my internet provider only holds news for 1 day. Thank You. Harry
N6VUJ

Date: 11 Nov 1995 03:53:07 GMT
From: dbreazil@wyoming.com (Don Breazile)
Subject: need HP scanjet card

I need a HP scanjet plus card. I have just got the scanner, but it did
not come with the car. HP says they no longer support this scanner. if
you have a card or know where I can get a card please let me know
thanks and 73 Don

Date: 13 Nov 95 22:55:56 -0600
From: Conklin@forbin.com (Chris Conkln)
Subject: Need info on Icom IC-901

In article <484gsu$5be@miwok.nbn.com>,
jenglish@sparc1.castles.com (Wang Chung) wrote:
>Hello all;
>I need info on the Icom IC-901. Got the new HRO's catalog in the mail
>yesterday and could not find this model in it. Is it discontinued? What
>can this rig do and are the accessories available?

Aw gone! AES and Radio City have advertised some remaining band units, but
the radio was disco-ed in 1994. Too bad too, since Icom's "replacement" only
offers the 2/.70/.23cm bands, no choices! (This ain't Burger King, you only
get it OUR way!)
Have to stick with Kenwood if you want/need 6m or 125cm along with the
standard bands in one mobile box.

Chris Conklin
Amateur Radio station N0PAV
Conklin@Forbin.com

Date: Sat, 11 Nov 1995 20:50:37 GMT
From: garyn@tir.com (Gary Newberry)
Subject: Opinions on new Radio Sha

clint.bradford@woodybbs.com (Clint Bradford) wrote:

>Subject: Opinions on new Radio Shack 2M mobile rig?

>>>Any reports -- product reviews or just personal opinions -- on the
>>>Radio Shack 2M mobile rig?

>Radio Shack's HTX-212 Mobile Transceiver...
>True FM transmit for superior audio and excellent performance on packet
>30 memory channels
>Priority channel selection
>One call channel
>Store up to six 15-number touch-tone sequences for DTMF paging or auto-patch
>Microphone, external speaker and antenna jacks
>On-microphone DTMF keypad
>Multifunction scanning
>Dual VFOs for semi-duplex operation
>Frequency step selectable
>Built-in subaudible tone encoder and decoder
>Output power 45 watts(high) 10 watts (low)
>Normally $349.99

>ON SALE THIS MONTH!!! $299.00!

>Frequency range (Factory)
> Transmit.....144.600-148.000 MHz
> Receive.....136.000-174.000 MHz

>Can be modified to transmit in the MARS/CAP band. (Directions included)

>I've heard no serious complaints. Seems to be yet another solid
>performer.

>Clint Bradford
>---
> * TLX v4.00 * The worst thing about censorship is ########
> ~ wcECHO 4.1 w AR-Net: ATTENTION to Details ~ Mira Loma, CA ~ 909-681-6221

Much better on intermod than My Alinco !!!
--
garyn@tir.com <Gary Newberry>
Sometimes you're the bug, Sometimes you're the windshield

Date: 16 Nov 1995 10:24:57 GMT
From: ki7zd@chinook.halcyon.com (Randy Seacat)
Subject: PLEASE TAKE MOMENT TO READ THIS

If you want this spamming harrasment stopped, take the time to write a
complaint to the folks who supply Burt FIsher his accounts.

postmaster@ccsnet.com
postamster@meol.mass.edu

Simply state the truth, that Burt Fisher is being abusive, offending, and
basicly a disgrace. Remind them that they ARE RESPONSIBLE to a certain degree
of anything like this that they are aware of, and once you let them know

about it, they are then aware of it.
Have them investigate his postings in the rec.radio groups. Also point
out that his is "Spamming" the net also.

They will take one look, and this will stop.

~~~~~~

Well burt, you did it to yourself.
Dont threaten me with a lawsuit Burt as you always do, I have hundreds of
people who would gladly write me statements that would thrash you in court.
10-4?

Enough said, I will no longer be following this thread.

Sorry to all those that are getting these messages. You wont see any more
from myself.

ki7zd@halcyon.com

--
/-/-/ ~~~~~~
| Amateur Radio Station Inet: ki7zd@halcyon.com
| KI7ZD
| WWA CN87 73's _._ .. __... __.. _.. "If RST > 519, Reduce Power!"

Date: Tue, 14 Nov 95 21:23:48 -0500
From: John Shuster <shuster5647@delphi.com>
Subject: QRP kit info wanted

Dennis:

I have just started in QRP and I really like the quality of
Oak Hills Research kits. You can email them at ohrqrp@aol.com.
Ask for a catalog. They'll send you one in the mail.
High quality, clear instructions, fair priced, and they work!
I just finished a QSO with Alaska using only 2 watts.

73,

John
KC7CKP

Date: Mon, 13 Nov 1995 16:53:41 GMT
From: fraser@iinet.net.au (Earle Fraser)
Subject: Radio Links Galore

Hi OM,

Have a look at my Amateur Radio related links @
www.iinet.net.au/~fraser. Let me know of any additions or corrections.
~~~~~~

73's de Earle - VK6EEF@VK6WFH.#PER.#WA.AUS.OC

fraser@iinet.net.au

Date: Thu, 16 Nov 1995 02:42:31 GMT
From: wayne@netcom.com (wayne t. watson)
Subject: Radio with Taping at Selected Times?

Anyone know of a radio, AM&FM at least, that allows one to tape
specific stations and times like a standard VCR? There are a
number of early morning programs that I would like to tape and
listen to while driving to work.
--
Wayne Watson wayne@netcom.com (415) 969-4233
Mountain View, CA

Date: 8 Nov 1995 02:15:45 GMT
From: Edward Woznicki <ewoznick@mars.superlink.net>
Subject: TS50

I think Ray is right, the IC 706 etc. are causing people to switch, I
have a TS50 and am still very pleased with it, no problems.
Ed, AC2A

Date: 11 Nov 1995 22:49:25 GMT
From: Dave Hockaday <wb4iuy@nando.net>
Subject: Where can I get copper tape/mettalic spray paint

morganp@freenet.edmonton.ab.ca () wrote:
>I have seen some posts about mettalic spray paint and copper tape used
>for keeping rf inside for computer (so it doesn't play havoc with your
>radio stuff) & I was wondering where I could get it (cheapest source).

Hi Morgan. I've used that cheap chrome spray paint from the auto parts
house for this purpose.
73 de WB4IUY

End of Ham-Equip Digest V95 #597
****

4245. KDK FM-2025 mark II Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: cingersn@bdam.win.net
Message-ID: <105@bdam.win.net>
Source record: 210189

I have a KDK FM-2025 mark II VHF Tranciever that covers 143.00 mhz to 149.00 mhz. Does any know of any mods that will allow me to go below the 143.00mhz lower limit? I am a Navy MARS operator and we have a packet system on a lower freq that is just below the lower limit. Would like to be able to access the system. If you know of any mods to do this please let me know.

Carl N1DXM/NNN0HLC (MARS)
cingersn@bdam.win.net

4246. Re: MOD NEEDED HTX-212

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: dara@physics.att.com
Message-ID: <DI5MpG.Mrs@nntpa.cb.att.com>
Source record: 210190

N9MXT1 (n9mxt1@aol.com) wrote:
: Anyone, know any MODS for the Radio Shack HTX-212? I want the MOD that
: will allow me to store freq's outside the ham band. Or anything else that
: someone might know. If you know anything please post it to me A.S.A.P

: Thanks... N9MXT1 - Jeffrey
: N9MXT - Jeffrey

There are NO mods.
Use one of your vfo's as an out of band memory. (that's why there
are two vfo's....
Shel WA2UBK

4247. any mods for alinco Dj-G1T!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: star@olympus.net
Message-ID: <48eevt$o07@olympus.net>
Source record: 210191

any one know of any mods for this
radio!!

4248. Re: Yaesu FT-757GX KAPUT! Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-16 00:00:00 UTC
From: "Allen R. Shuff" <attmail!ashuff>
Message-ID: <DI59oC.750@nntpa.cb.att.com>
Source record: 210192

Bill,
One thing you might check is that you do not have the MOX button
depressed. I only say this because it has happened to me more than once.

Allen Shuff AI4G
as2@ganet.net

>==========pruth@ocvaxa.cc.oberlin.edu, 11/15/95==========
>
>My radio was fine until I switched it on last night, when it was
>totally dead. The power supply is fine, and I routinely disconnect
>antenna and line cords whenever I stop operating to prevent
>static or power surges. When I push the ON button nothing
>happens, no lights, no sounds, nothing--no power is going anywhere.
>Is this a simple fix or a catastrophic event, all ye who have
>Been There? Thanks for any advice you can give. --Bill KB8USZ
>pruth@alpha.cc.oberlin.edu

4249. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: grizzarv@indirect.com
Message-ID: <48go5l$sia@globe.indirect.com>
Source record: 210193
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Sarah Godfrey (c594477@showme.missouri.edu.) wrote:
: What is all this???

Sarah, this is a thread with a hitherto untrimmed followup-to line.

Since this doesn't fit anywhere else in the known ham radio universe, I'm going to arbitrarily set the followups to rec.radio.amateur.misc.

I don't know where it started from.

KG7YY (posting from rec.pyrotechnics)

4250. Re: R5000 Misbehaves

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: gust@shore.net
Message-ID: <48gls3$i4@shore.shore.net>
Source record: 210194

afpgreg@gatekeeper.ddp.state.me.us (Paul Gregory) wrote:

> My R5000 Rx is acting up.
> Simply quits on hot humid days of summer and
>then lately its doing the same if I leave the radio unplugged, a regular
>practice to prevent lightning or ac spikes from killing the front end.
> In the latter, more recent condition, the digital display goes
>blank--with decimal points across the display but is revived if I tune up
>or down a few kcs. But if left on frequency, it goes blank. Sometimes I can hear
>what's on the frequency, but usually all's dead other than some baseline
>noise when the af gain is cranked up.
> Also, the built-in VHF converter doesn't stay engadged during
>these seizures, reverting back to the hf bands for a moment and
>then the display quits as explained.
> Paul Frustrated. Any diagnoses and presriptions from the group
>are gratefully appreciated!
> --Paul

I recently went through similar problems with my R5000. In the summer
mainly, when it was particularly humid, the frequency would shift from
the tuned value in jumps of exactly 50hz. I also experienced the VHF
jumping back to HF. I took my set to a Kenwood designated repair shop
in Groton, Mass. Two problems were found: 1) the silicone potting
compound used on one of the circuit boards had degraded and was
shorting out intermittently in humid weather (it was replaced with a
plastic potting compound of some sort, and 2) the lithium backup
battery was leaking and the stuff may have got on some of the
circiuts. These repairs cost about $100 including a few new
components and a new battery. If you are interested I can give you
more details and info on the Kenwood homepage on the Web. This also
has a list of all approved repair stations in the US. E-mail if you
want more info.
Gerry Gustafson
gust@shore.net Gloucester, Mass.

4251. ICOM W2/A Cracked Display - HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: Steve Pearl <74222.1552@CompuServe.COM>
Message-ID: <48h0ojhbo1@mhade.production.compuserve.com>
Source record: 210195

I've got a perfectly functionable Icom W2/A with a cracked display
that Icom says needs to be shipped back to them to be replaced at
a cost of between $175.00 and $200.00. It's highway robbery, I
tell ya!

Anyone have any suggestions on this? Anyone experience this?
Both bands work fine, I can see everything on the 440 side but can
only see the memory channel on the 2 meter side. How tough is it
to replace.

HELP!

73's de Steve, N3LJZ
pearl@commcor.com
74222.1552@compuserve.com

--

Life is only lousy if your tubes are cracked.

Steve Pearl, pearl@commcor.com 74222.1552@compuserve.com

4252. Get us off "ham" thread, please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: "Luis B.R." <luispb@unr.edu>
Message-ID: <48ivf6$2pv@umbra.unr.edu>
Source record: 210196
Cross-posted to: rec.puzzles,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm

asource@ix.netcom.com (InterSource) wrote:
>In <4825eh$k1h@alterdial.UU.NET> Burt Fisher <k1oik@ccsnet.com> writes:
>
>>
>>I said: "I have a VIC 20 I want to trade for a IC-781" (how long do we
>>have read thesre messages where some ham wants to trade his junk for
>>something woth something).
>>
>>
>>From: KH2KQ@KA6EYH.#NOCAL.CA.USA.NOAM
>>To : K1OIK@KQ1K.MA.USA.NA
>
>
>Burt there is a Salvation Army Thrift Store in Thornton Colorado (on
>Washington Blvd.) that as of last week, had a box with 4 Vic 20's for
>sale for $10 --- is that a hint ???? --- surely you were not serious
>about that type of trade or was it a typo.>

{snippage}

Would you PLEASE remove rec.skiing.alpine from your posting header for this thread. We've been trying to remove this thread for a fe=
w days now. We greatly appreciate it. Thank you in advance.

Your friends at rec.skiing.alpine

4253. Even my wife thinks hams are...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <48j44a$5i6@alterdial.UU.NET>
Source record: 210197
Cross-posted to: radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space

I received a call today from a ham who would not identify himself. I repeatedly asked him who he was, even saying to him that if he had an opinion worth anything it is reasonable to expect he state who he was. Still he he refused. I then commented that he was "so typical ham, no guts." My wife then told me to get off the phone and stop wasting time with gutless hams who hide behind their mikes. As I made one more effort to identify the caller, he hung up. He also made a veiled threat that bad things would happen to me, I retorted I might take it more seriously if he were not a gutless ham.

This call is just so typical of hams, brave at a distance.

4254. Kenwood AT-250 wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: angel@lopez.marquette.MI.US
Message-ID: <1995Nov17.082522.5080@lopez.marquette.MI.US>
Source record: 210198

Ok I am making my first post here, so I have no Idea if I am making it our not..

Anyway...I am looking for a Kenwood AT-250 antenna tuner for a friend of mine...His was lost to lightening..

If anyone sees this let me know..

4255. yaesu 2200,2500 xmit mods needed,help pls

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: jayb@aol.com
Message-ID: <48i56j$7a4@newsbf02.news.aol.com>
Source record: 210199

i'd appreciate info on mods for 2200 & 2500 to extend xmit to 159.995.
for testing purposes. thanks. email response please

4256. Need source of pc-mounted Totshu RF Relays.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: pieter.ibelings@sciatl.com
Message-ID: <48i3tf$h52@firehose.mindspring.com>
Source record: 210200

I am looking for a source of PC mounted RF relays made by Totshu. If you have any information please e-mail it to me asap. Thanks for the help.

73's

Pieter Ibelings
AC4OP
HK1ZAB

email: wave@mindspring.com

4257. Virtual Radio: A New Hot Ham Radio Website!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: Gerry Hull <hull@progress.com>
Message-ID: <30ACCCDD.484A@progress.com>
Source record: 210201

http://www.xmission.com/~inetmkt/virtualradio

Announcing Virtual Radio, a cool ham radio website
featuring links to all the hot ham sites on the
WWW. Using the advanced frame feature of Netscape
version 2.0 or compatible browsers, the Virtual Radio page
allows you to cruise your favorite ham websites without
leaving the index! Lookup callsigns at QRZ or check the
OH2BUA's webcluster for the latest DX info -- it's all there
at Virtual Radio.

There are ten categories of sites:

Callsign/QSL info
Realtime DX Info
HF DX/Contest Info
V/UHF DX/Contest Info
Products/Services
Amateur Radio Clubs
Antennas/Propagation
Other Modes/Info/Pointers
Publications/Webzines
Official Bodies

If you don't find your favorite site in the index,
send the URL to inetmkt@xmission.com.

You'll need a web browser supporting forms: Netscape
Navigator v2 is available from:

http://www.netscape.com/comprod/mirror/index.html

or the Ncompass browser is available from:

http://www.excite.sfu.ca/NCompass/

73 & cu in the contests

-Gerry, AK4L/VE1RM

4258. Kenwood TH79A&(D) New Modifications

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: cwagar@mindspring.com
Message-ID: <48ism0$79g@stealth.mindspring.com>
Source record: 210202

KENWOOD TH79A and 79A(D)
NEW MODIFICATION FILE
REQUEST FOR UPDATES AND ADDITIONS
FOR NEXT VERSION 2.0------
CURRENT VERSION AVAILABLE AT
http://oak.oakland.edu:8080/pub/hamradio/mods/kenwood/th79A

Hello everyone,

It has been quite a while since I wrote the original modification sheet for the Kenwood TH79A dual bander. Many of you have written me from around the world asking about a more current document that details the operation and modifications of the unit.

In order to create a newer document, I am requesting feedback from anyone who has performed the modifications successfully or not. It is very important that I obtain a current set of information, or else I will not be able to publish a newer specification sheet.

I am especially interested in those of you with TH79A(d)'s, as I have not been able to get reliable information from anyone regarding the information in the first mod sheets...!!!!!

PLEASE READ CAREFULLY

If you have any information that will be of use to the TH79 mods file, please email

to: cwagar@mindspring.com
subject of: NEW INFORMATION FOR TH79
(NOTE: USE THIS FOR SENDING ME INFO ONLY)

If you would like to receive the newest copy when available, please email

to: cwagar@mindspring.com
subject of: 79A MODS LIST

and the current version is available from:

http://oak.oakland.edu:8080/pub/hamradio/mods/kenwood/th79A

PLEASE do not post responses to the group as I will be maintaining this list through email only. Any new information or solid confirmation of old information will get credit in the new modification file.

Thanks in advance for your help, and 73,

Clayton Wagar

cwagar@mindspring.com
www.mindspring.com/~cwagar

4259. Re: TS-440S/AT Mods/Serv. Notes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <48istg$dft@news.iii.net>
Source record: 210203

I have repaired several TS-440's with bad VCO's.

The gunk used to pot the components gets corrosive and conductive with age, heat, and humidity. The only fix is to remove the boards affected, (replace them) or scrape off the stuff. This has always been only possible by de-soldering the components. Unfortunately, I have had two rigs needing FETs because their legs were eaten thru! Fortunately, "standard" FETs do the trick. I didn't buy jap replacements.

Count on a very long time de-gunking the boards, as there are (I think) 7 VCO's!

I do have the service bulls.

Tom

4260. Suggestions for 2m mag-mount antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: lube@accessone.com
Message-ID: <lube-1711951624310001@0.0.0.0>
Source record: 210204

I just bought my first ham unit, an Icom W31A, and would now like to hook up a mag mount antenna on my truck for mobile operation. (I already got the 12v adapter). Does anyone have suggestions for a good one that doesn't cost a small fortune?

Thanks in advance,
Mike KC7NOE

4261. Want 70cm for Yeasu 767gx FEX-767-7B(430-440)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: <>
Message-ID: <48h416$huv@tomcat.sasknet.sk.ca>
Source record: 210205

I am looking for a 430-440 Mhz module for a Yeasu FT767GX.
Please let me know if you have one or may have a line on one!

Thanks,
Dave

4262. Re: Kenwood TS-870s DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: Feroz Ghouse <Ghouse_F@mail.uwlax.edu>
Message-ID: <48guhj$jq7@alfred.acs.uwlax.edu>
Source record: 210206

Keith Poole <kp2a+@andrew.cmu.edu> wrote:
>Does anyone know how well the IF-DSP in the new Kenwood TS870s works? Have
>there been any reviews of the transceiver in the magazines yet?
>

I had the opportunity to listen to the radio a bit on CW. The DSP action is indeed noticable in CW. Moreso than in SSB. I was impressed at the amout of noise that was reduced when I activated the DSP in CW. I was impressed...just ordered mine today!

Feroz, 4S7FG/ WU9N

4263. RS. HTX202 What's Wrong ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: pezad@wimsey.com
Message-ID: <pezad-1711951938250001@pm039.bby.wis.net>
Source record: 210207

Whats with the RS. HTX202

This is my second one this year -- failures

The problem is the antenna seems to lose connection with the radio. It doesn't appear to be the antenna as it works on other handhelds just fine. Other antennas don't seem to work on the HTX202.

When the transmit button is pushed the power out LCD display goes full scale and it shouldn't (like no antenna connected). There is little or no radiated power. Very strong repeaters can be heard but very weak, maybe 1 or 2 meter units. It's almost like the metal in the centre of the BNC connector on top of the handheld becomes disconnected. You can get it to work intermittantly by pushing on the centre conductor of the BNC with the antenna off (I become the antenna) or by spinning the rubber duck to certain positions while connected.

Is this a common fault with this rig ? What causes it ?

I have not been too bold in my investigations as it is still under warranty (just).I am concerned though as next time things wont be covered. My first one was replaced immediately, now RS wants to try a repair.I'm not hopefull.

Thanks for any suggests and comments in advance.

Peter

pezad@wimsey.com
VE7CUZ

4264. DSP100 on Kenwood TS850

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: jmp@ipctech.com
Message-ID: <jmp-1711951643550001@jpenderg.ipctech.com>
Source record: 210208

I am looking into buying the Kenwood DSP100 for my Kenwood TS850AT. I am under the impression that the DSP is done at audio and not at I/F as it is in the new Kenwood 870. Even at this, has anyone had experience with the DSP100 as compared to the other generic brands? My main concern is eliminating the adjacent signal hash on 75/40 meters. Advice from actual users would be prefered.
Thanks in advance, john KO4MY

4265. IC706 Audio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: Thomas Brockdorf <tbrock@execpc.com>
Message-ID: <48hclg$sev@daily-planet.execpc.com>
Source record: 210209

There have been reports of "narrow" or "pinched audio on the 706.
I found by adjusting my carrier frequency, (q4 under the quick
set menu), that I can go from a very tinny sounding audio, to a
very rich sound. This is adjustable from -200 to +200.
Around -130, or so seems to sound the best.
This looks like the cure for the reports of "pinched" audio.
Anyone else play with this adjustment?
73 de Thomas AA9IS

4266. Re: PLEASE TAKE MOMENT TO READ THIS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: barsta1@epo.gov.on.ca
Message-ID: <48h8n7$528@govonca3.gov.on.ca>
Source record: 210210
Cross-posted to: rec.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.equipment

>
>That is why I am still posting?
>

Amen Brother, Amen!

4267. Radio Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: pelt@vt.edu
Message-ID: <pelt-1711951146360001@box185.ams.vt.edu>
Source record: 210211

I've seen a lot of requests for various radio mods lately.

Check out http://ftp.qrz.com/

It has modifications for hundreds of radios.

Good luck!

--
Ranson J. Pelt
pelt@vt.edu
QST de nz4i

4268. Anyone have any mods for the Alinco DX-70T yet?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <48iem0$a3k@mksrv1.dseg.ti.com>
Source record: 210212

Looking for mods for the Alinco DX-70T hf transceiver.
Nice rig as it comes, but I am a modifying-nut! I'm
never happy unless I've "improved" my rigs!

73 de KC5NG

4269. Re: TS-440S/AT Mods/Serv. Notes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <48isu4$dft@news.iii.net>
Source record: 210213

I have repaired several TS-440's with bad VCO's.

The gunk used to pot the components gets corrosive and conductive with age, heat, and humidity. The only fix is to remove the boards affected, (replace them) or scrape off the stuff. This has always been only possible by de-soldering the components. Unfortunately, I have had two rigs needing FETs because their legs were eaten thru! Fortunately, "standard" FETs do the trick. I didn't buy jap replacements.

Count on a very long time de-gunking the boards, as there are (I think) 7 VCO's!

I do have the service bulls.

Tom

4270. Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: feliccia@unix3.netaxs.com
Message-ID: <48gnog$ep4@netaxs.com>
Source record: 210214

Has anyone notice how DAMN expensive ham equipment is. Is it just me or
is anyone out there also really discouraged. It is a wonder anyone gets
on the air anymore. I was looking for a mobile HF rig, but any new equipment
will set me back a grand or better. I work as an engineer but I don't
have the cash to squander on something I will use a few hours a week at best.

What can we as hams do nowadays about this? Do we turn to Homebrewing. I am
an EE and I know what it takes to build something. If you have a nice variety
of parts, etching facilities, a 20 MHz scope at least, in short a working
electronics lab you can do it. Otherwiese I feel making anything but a
groundplane is more trouble than it is worth. Do we hand someone we have
never met at a hamfest a week's pay on a bet we'll get a rig that will last.

Does this have something to do with the dollar/yen thing? Is drake still
making trasmitters? I saw a reciever but no transmitters?

These are all pertinent questions to the future of ham radio. What kind
of hobby are we developing? Are we going to price ourselves out of existance?

Lets have a good talk about this.
73's
Nick N3FKS

4271. Re: Icom 761 with high pitch noise - need help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: jchol@aol.com
Message-ID: <48jaal$hlu@newsbf02.news.aol.com>
Source record: 210215

The Icom 751 has a common problem with a minor high pitched whine from a small transformer located near the front panel. There are fixes for this.

Contact n5off@w5ddl.aara.org for info. He rectified the problem after talking to the factory repair center.

73 de John, WA5TWL....

4272. Re: Yaesu FT-757GX KAPUT! Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1711950938520001@m14494-mac.mitre.org>
Source record: 210216

>My radio was fine until I switched it on last night...

There is a CPU reset button on the back; did you try that? A friend had a
'dead' 757, and it turned out that it just needed to be re-booted.

--
mwhite@mitre.org

My opinions are my own, not my employer's.

4273. Need Info on Receivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: wdubrof@eng.clemson.edu
Message-ID: <48idbq$cpl@hubcap.clemson.edu>
Source record: 210217

I would appreciate receiving information regarding multiband HF/VHF/UHF receivers. Hopefully there is a good one that covers all bands.

Many thanks for your help.

73s

Bill
KF4ECX

4274. Re: Where to get Yaesu nicad cheap?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-17 00:00:00 UTC
From: oops@msg.ti.com
Message-ID: <48i848$964@tilde.csc.ti.com>
Source record: 210218

In <48g7d1$o8@panix2.panix.com>, reinerp@panix.com (Peter Reiner) writes:
>I need a replacement for the FNB-25 battery pack and am looking for
>a good quality aftermarket supplier.
>Thanks.

Give these folks a call.

Battery Tech. (W & W Assoc.)
800 South Broadway
Hicksville, NY. 11801
(800) 221-0732

FYI, Last May I purchased a 1500mAh battery pack for my FT-530 from these folks. It works great and cost me a whopping $35 (by far a better price than the 600mAh from Yaesu).

Mitchell Carson - KC5MKW
Texas Instruments

Std. disclaimer: I speak only for myself.

4275. Help Help Info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: jeanpb@innet.be
Message-ID: <48inuu$mi3@news.INbe.net>
Source record: 210219

Hello all radio amateurs

My Name is Albert and the QTH is Mol in Belgium (EUROPE)
My call is ON6BM...
Now I try to find info abouth a Army Set or a schema from this
set..
I give you a discription from that set from WW II...

<< Wireless set <<
Type: BURNDEPT BE201

Z.15820.99.949.0418
Serial Number : 978

TRANSMITTER-RECEIVER
100 - 156 Mhz

I hope somebody can help me..

PLEASE SEND INFO VIA E-MAIL or VIA THIS NEWSGROUP....

73's for all and thanks in advence

From ON6BM

4276. H.P. diode source wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: kk5dr@bga.com
Message-ID: <48jesj$32b@giga.bga.com>
Source record: 210220

I need a HP 5082-2900 screen diode source "cheap" I know I.R.C. in fla. sells them , but they are WAY
TO HIGH! @ $6 ea. I'm looking for a vendor that sells then for about $2-3 ea.
Thanks, Matt/KK5DR

4277. Re: IC706 Audio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov18.041343.27426@ke4zv.atl.ga.us>
Source record: 210221

In article <48igkb$jqp@vixen.cso.uiuc.edu> "Charles J. Hawley Jr."
<hawley@aries.scs.uiuc.edu> writes:
>A friend bought one, and I didn't recognize him on the air. He set the
>carrier point to -200 and sounded more like himself but all pinched up.
>I'm sure that different voices will have different results as to whether
>they sound like themselves, but the fact is that this radio stands
>somewhat alone in a sea of recently introduced radios as the one that
>sounds pinched up in general. I guess that is what Icom wanted...I don't
>think they have any lack of expertise....I don't like it....so I guess
>I'll stick with the radio's that I have.

I have no idea what the term "pinched up" means, but I will note that
the IC-706 has a transmit audio passband of 300 Hz to 2300 Hz which is
a bit too wide. A passband of 350 Hz to 1800 Hz would be better for
effective communications on the crowded HF bands. The excessive high
frequency response produces "monkey chatter" on adjacent channels.
Icom offers an optional narrower SSB filter that is better suited
to the HF channel.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4278. Re: Moto' Saber UHF info wanted.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: mospeeda@mcs.net
Message-ID: <48h5ar$mg4@news.ecn.bgu.edu>
Source record: 210222

infinit2@ix.netcom.com (Barney Rubble) wrote:

> I have a MOt Saber System... and the Prog. equipment cost me
>less than $200 ....You don't have to Be everything from Mot...they
>rip you Off...

This is true, you can get the RIB and probably the cables from a 3rd party supplier. However, you MUST purchase the software directly through Motorolas americas parts division. They are the only place you can legally purchase licensed copies of the radio service software that you need to program the radios.

4279. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: Bill Funk <skypilot@starlink.com>
Message-ID: <48l7ic$bqa@pegasus.starlink.com>
Source record: 210223
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

>Speaking of HAM radios, could this group help me out? Every time I go and
>dive with my radio set, the fuse blows. What's the trick here?
>

Ah, yes...
There was a time when having a HAM ticket *meant* something...
When a fuse blows consistantly, it's because there's more current going thru the fuse than the fuse is rated to carry. The fuse, being a safety device, blows to prevent this excess current from flowing, possibly damaging something.
Check to make sure the fuse is the proper rating for the gear. Do *not* replace it with a higher-rated fuse! If it is the correct fuse, then the gear is drawing too much current. This needs to be corrected. Maybe it's a short in the power line, maybe the gear is not a boat anchor. Either extreme, and all points in between should be checked, and corrected.
Good luck.
Bill

4280. Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: aa024@detroit.freenet.org
Message-ID: <48lekf$b9k@detroit.freenet.org>
Source record: 210224
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

If you guys want to spam all the rec radio amateur gorups I couldn't care less
but why the H*ll are these stupid ham debate posts spilling into the
shortwave, scanner and puzzles (among others) groups. Watch the
reply lines guys. One spam is bad enough but when you all reply to all
the groups it is just plain RUDE.

Leave the rest of us in peace -- and if your must spam, do it via e-mail
to the original poster and again, leave the rest of us in peace.

Thanks for letting me rant. 73 //kvz

--
kv zichi, aa024@detroit.freenet.org
(PGP Public Key Available on Request)
"Lasciate ogni speranza, voi ch'entrante" --Dante
Kind of appropriate for the Internet, eh?

4281. Help looking for a discription

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: jeanpb@innet.be
Message-ID: <48kfro$2pl@news.INbe.net>
Source record: 210225

Hello all radio amateurs

My Name is Albert and the QTH is Mol in Belgium (EUROPE)
My call is ON6BM...
Now I try to find info abouth a Army Set or a schema from this
set..
I give you a discription from that set from WW II...

<< Wireless set <<
Type: BURNDEPT BE201

Z.15820.99.949.0418
Serial Number : 978

TRANSMITTER-RECEIVER
100 - 156 Mhz

I hope somebody can help me..

PLEASE SEND INFO VIA E-MAIL or VIA THIS NEWSGROUP....

E-mail to jeanpb.innet.be

73's for all and thanks in advence

From ON6BM

4282. ### WANTED: Info/Mods for AP50 Motorola Radius

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: edwint@greenie.com
Message-ID: <30adf860.1c4@greenie.com>
Source record: 210226
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Would like more info/mods for the Motorola Radius AP50 (VHF).
If you have, or know of any, please email me the details.

If you own(ed?) one, I'd appericiate some feedback about the unit,
as I'm thinking of purchasing one.

Thanks.

73 de 9V1ZY

--
EdwinT@greenie.com -[Standard Disclaimers Apply]-

Now Faith is a substance of things hoped for,
the evidence of things not seen. [Heb 11:1]

4283. VHF Mod for IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <48jg2k$rda@firehose.mindspring.com>
Source record: 210227

Does anyone have the VHF (2 meter) mars mod for the 706? Removing the center diode opens the HF side , but not the vhf side. The radio TX light comes on but there is no output. Also, Has anyone tried all the combinations of the diode matrix to see if there is a mod that will open the RX without using the yellow wire? If not, I am willing to solder jumpers and switches to all these diode locations and try them all.

73's
thanks
AC4OP
HK1ZAB

Pieter Ibelings
Wave@mindspring.com

4284. Looking for internal tuner for the TS940

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: pb0aiu@euronet.nl
Message-ID: <pb0aiu.2.0008EE1E@euronet.nl>
Source record: 210228

Hi tehre

I,am look for a tuner in the ts940

Who can helps me??

Peter

pb0aiu@euronet.nl

4285. Re: Radio with Taping at Selected Times?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: leber@omni.voicenet.com
Message-ID: <leber-1811952132470001@philly232.voicenet.com>
Source record: 210229

In article <wayneDI47Iw.DH7@netcom.com>, wayne@netcom.com (wayne t.
watson) wrote:

> Anyone know of a radio, AM&FM at least, that allows one to tape
> specific stations and times like a standard VCR? There are a
> number of early morning programs that I would like to tape and
> listen to while driving to work.

I think the Sangean ATS-818CS might do this, though I'm not 100% sure.

Tom Leber N3QKV <leber@omni.voicenet.com> - Wyndmoor, PA USA
"Smother technology and it rebels." - Max Headroom

4286. Re: IC 725 mod for 11 meter..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <48l061$1f52@firehose.mindspring.com>
Source record: 210230

In article <48k48m$581@hawk.pix.za>, danie.brynard@pixie.co.za says...
>
>But the IC725 is a 2m radio ! How can it work on 11m ?
>

The IC725 is a HF radio. The IC 275 is a 2 meter radio.
73's

AC4OP

4287. Yaesu ft-51r

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: Mark Immer <mimmer@delphi.com>
Message-ID: <xXAmy5i.mimmer@delphi.com>
Source record: 210231

Can anyone tell me how to increase the
rx range to go up to 500mhz instead of 470?

4288. packet on 10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: Jean.Letourneau@electro.mi.net
Message-ID: <04f_9511181522@electro.mi.net>
Source record: 210232

Hi,
My name is Jean, VE9PT. Is there any activity for packet on 10 meters
working at 1200Bps? If so can you send me your freq. Specially if you
are working TCP-IP, but ax25 will do.

73 Jean
--
|Fidonet: Jean Letourneau 31:200/0
|Internet: Jean.Letourneau@electro.mi.net
|
| Standard disclaimer: The views of this user are strictly his own.

4289. Re: J POLE ANTENNA PLANS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <48le82$7lg@newsbf02.news.aol.com>
Source record: 210233

In article <48fc6g$nqk@brokaw.comm.mot.com>, burke_br@adcae1.comm.mot.com (Bruce Burke) writes:

>}>7. Route the coax and tape it to the mast to make it look neat.
>}
>}He does not realize that the feed line can interact wit the stub,
>}and therefore it should be brought out at a right angle.

>The radiation point for this antenna is well above the feed. Attaching
>the coax to the antenna changes little.

That's not quite true. The stub still radiates a little in the far field, and is very intense in near field effects. Moritz is correct. If the feedline is mis-handled near the stub it can cause problems!

>}>NOTE: While theoretically a J-Pole is an omnidirectional antenna, You may
>}>find (many of us have) that it does have a small amount of directivity.
>}>Rotating it while checking field strength may prove interesting.
>This is true, the stub may have a slight effect.
>}
>}Theoretically the J-Pole is an antenna which requires a *symmetric*
>}feed. Using it without a balun does create problems, although not always
>}noticed.
>
>This is not a balanced antenna and does not need a balun, it will only
>introduce loss.

It is an asymmetrical FEEDPOINT, and needs a balun or de-coupling of some form when used with any feedline.

73 Tom

4290. Re: IC 725 mod for 11 meter..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <48k48m$581@hawk.pix.za>
Source record: 210234

But the IC725 is a 2m radio ! How can it work on 11m ?

4291. FS: Yaesu FT-767GX (UK)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: Paul Golder <Paul@mayfm.demon.co.uk>
Message-ID: <816703382snz@mayfm.demon.co.uk>
Source record: 210235
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I have a YAESU FT-767GX with 6m and 2m added for sale.
It is in excellent condition. I'm looking for around UKP 950 for it,
but I will negotiate! I am in Billericay (6 miles from M25 J29).

If interested, please e-mail me back or ring me on 01277 633339.
Thanks

Paul Golder
G0NGA

---
mayflower fm brentwood/billericay 24.03.96-20.04.96 indie/britpop fri 10 - 1

4292. TNC Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: pereams@gate.net
Message-ID: <48ksl9$12n6@news.gate.net>
Source record: 210236

I just got bitten by the bug again and I'm looking for bargain on a
TNC. If anyone has one they'd like to part with, please e-mail me.

thanx .
de Phil KC4UVU
pereams@gate.net

4293. Looking for info on longrange communication.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: Stephen Manchester <Vetod@aol.com>
Message-ID: <48l39o$okt@walter.acs.nmu.edu>
Source record: 210237

Here is my situation.

I need to be able to hook up a telephone in the middle of the desert.
about 100 to 150 miles from the nearest civilization. Is there any
specific equipment that could be used for this purpose.

The link would also have to be able to handle data transmission as well.

I'm not looking for something cheap or inexpensive. I need something that
works.

Please email me as I do not read this group.

Thank you.

Stephen Manchester
vetod@aol.com

4294. Re: Suggestions for 2m mag-mount antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: Thomas Brockdorf <tbrock@execpc.com>
Message-ID: <48l9mb$d9l@daily-planet.execpc.com>
Source record: 210238

lube@accessone.com (Michael D. Lubrecht) wrote:
>I just bought my first ham unit, an Icom W31A, and would now like to hook
>up a mag mount antenna on my truck for mobile operation. (I already got
>the 12v adapter). Does anyone have suggestions for a good one that doesn't
>cost a small fortune?
>
>Thanks in advance,
>Mike KC7NOE

Mike,
MFJ makes a 1/4 wave mag mount, it is $ 14.95. It works good in
the city, near the repeaters. They also make a 5/8 wave, I think
it sells for $24.95, (from Amateur Electronic Supply catalog).
Radio shack sells a 5/8 wave also.($39.95)
There are also other brands for around $39.00. As far as
performance, one is as good as the other. There are some quality
differences though.
If I diddn,t want to spend a lot of money, I would get the MFJ
5/8 wave.

73 de Thomas

4295. Help with new portable rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: rushed@globaldialog.com
Message-ID: <48lcj0$ngs@homer.alpha.net>
Source record: 210239

Hiya - got a question for anybody. I'm a member of Wisconsin Wing, Civil Air Patrol (we look for people who have some trouble landing airplanes, basically.) We use 2 meter frequencies, and I'm trying to get some new equipment to work, with little luck.

I have a Yaesu FT-411E handheld, and I wanted to put it into my car, and the wife nixed my old trusty mag-mount on the new paint. So I have a Larsen Kul-Glass (glass mount) antenna, and it IS the right one (checked several times.) I'm also trying to use a mobile RF amp - supposed to be able to put in two watts, and get 30 out of the antenna.

However, I get very broken up reception, and I'm told that I sound just as lousy, even 1/4 mile away. I can't even hit our repeater from the tallest freeway bridge in the city. I'm stuck and rather annoyed. I've been through all the hookups, and it seemed that this would be a fairly simple sort of install, but it's not working out. I do have some fair knowledge of electronics, from 2.5 years of it in high school, and I'm starting to study for the Technician rating. I thought I'd have a really good and flexible setup, but I'm just out a chunk of cash. Any ideas out there? Thanks!
Work: nick.rushizky@mail.mei.com
Home: rush@execpc.com

Until I'm able to have a real life,
I'm told I can simulate one?

4296. Re: IC 725 mod for 11 meter..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov18.225359.1997@ke4zv.atl.ga.us>
Source record: 210240

In article <48k48m$581@hawk.pix.za> Danie Brynard <danie.brynard@pixie.co.za> writes:
>But the IC725 is a 2m radio ! How can it work on 11m ?

I believe you have your numbers confused. The IC-725 is Icom's
"consumer" grade HF transceiver. It's the IC-275 that's the
2 meter radio.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4297. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-18 00:00:00 UTC
From: tip@mercury.aichem.arizona.edu
Message-ID: <tip-181195171009@pc176x1.phy.ohiou.edu>
Source record: 210241
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,re

In article <48l7ic$bqa@pegasus.starlink.com>, Bill Funk
<skypilot@starlink.com> wrote:
>
>
> >Speaking of HAM radios, could this group help me out? Every time I go and
> >dive with my radio set, the fuse blows. What's the trick here?
> >
>
> Ah, yes...
> There was a time when having a HAM ticket *meant* something...
> When a fuse blows consistantly, it's because there's more current going
> thru the fuse than the fuse is rated to carry. The fuse, being a safety
> device, blows to prevent this excess current from flowing, possibly
> damaging something.
> Check to make sure the fuse is the proper rating for the gear. Do *not*
> replace it with a higher-rated fuse! If it is the correct fuse, then the
> gear is drawing too much current. This needs to be corrected. Maybe it's a
> short in the power line, maybe the gear is not a boat anchor. Either
> extreme, and all points in between should be checked, and corrected.
> Good luck.
> Bill

What does this have to do with rec.pyrotechnics

If I was smart, I'd have a clever .sig

4298. WTB: Motorola GP300 or Saber III UHF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: njc@warwick.NET
Message-ID: <9511192147.AA00947@host.warwick.net>
Source record: 210055

Hi am looking for either or both of the above radios. Please give
bandsplit and or model # and price. Trade?

Tnx nick

Thought for the day:
Advertising (n): the science of arresting the human
intelligence for long enough to get money from it.
-- Stephen Leacock.

Sent by:

Regards, Nick J Chiarchiaro, AET
73 de Nick, N2QXF

Ham related mail addresses:

AMPRnet SMTP BBS: n2qxf@bbs.k2bjg.ampr.org
AMPRnet Direct SMTP: n2qxf@n2qxf.ampr.org 44.64.4.20
AX25 PBBS: n2qxf@k2bjg

CYA l8r :-)

4299. Re: Kenwd if-232C interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: Tom Swift <73450.1433@CompuServe.COM>
Message-ID: <48ofjp$t7s$1@mhafm.production.compuserve.com>
Source record: 210056

Page 22.51 of the 95 ARRL Handbook has a schematic for a Kenwood XCVR to RS232 interface. I may build it myself eventually, but there is a compay that markets an interface for less than $60 (built into the 25 pin connector, I believe), and this may be "the path of least resistance."

Cheers

Tom Swift KD2MF

4300. IC-706 Diode Matrix Report.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <48na0t$hc2@firehose.mindspring.com>
Source record: 210057

Yesterday I felt like there had to be a better way of telling the CPU of this radio to do it's job. That is TX on every freq and select the appropiate BP on every range.
I removed all the diodes located to the left and right of D59 (total of 6). I then connected tiny wires from the cpu lines to one side of 6 dip switches through 6 1n914 diodes. The other side of the dip switches connected together to a 10K ohm pull-up resistor. I then tried all 64 combinations possible. I went through all kinds or radio versions, but none of the combinations made the radio switch the BP's appropiately or TX outside the 2meter band. Many of the combinations made the radio an HF only radio (.1-30MHz) and many made it TX outside the ham bands on the 0-60MHz side. The best combination seemed to be what we already have :<
We'll keep trying.

73's
AC4OP
Pieter Ibelings

4301. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Message-ID: <199511190249.UAA21071@outpost.safe.ia.gov>
Source record: 210058

```
>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Sat Nov 18 20:53:26 CST
1995 remote from osiint.safe.ia.gov
Date: 18 Nov 1995 20:49:06 -0600
X400-Trace: US*ATTMAIL*IADPS
arrival 18 Nov 1995 20:49:06 -0600
action Relayed
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@osiint.safe.ia.gov
To: "/rfc-822=ham-equip(a)ucsd.edu/OU=osi-internet/O=wallace/PRMD=iadps/ADMD=attmail/C=us/
"@osiint.safe.ia.gov
Subject: Info needed
Importance: normal
Autoforwarded: FALSE
Message-Id: <werl1118204949aa*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@
osiint.safe.ia.gov>
P1-Message-Id: US*ATTMAIL*IADPS;IDPS3550 werl1118204949aa
UA-Content-Id: werl1118204949aa
P1-Content-Type: P2
Priority: normal
Received: from osiint.safe.ia.gov by iadpshub.safe.ia.gov; Sat, 18 Nov 1995 20:53 CST
Content-Type: text
Content-Length: 283

Anyone have a manual for a Regency model H256B 16 channel VHF programmable
radio? Friend has one but no paperwork with it.

Any info appreciated

Scott
werling@safe.ia.gov
"This isn't Burger King, you get it my way or no way."
or
"A ham does it till it hertz."
```

4302. KENWOOD TS-520S FOR SALE!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: Daniel Calzaretta <pcrest@teleport.com>
Message-ID: <48ma7r$ph8@maureen.teleport.com>
Source record: 210059

I have a Kenwood TS-520s with optional CW filter, matching speaker, MC-50 mic, and keyer for sale. Price $470 negotiable. If interested, please e-mail me at pcrest@teleport.com. I am located in Portland, Oregon.

Dan
N9BCC

4303. Yaesu and Yaesu and more

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: DMA <74650.716@CompuServe.COM>
Message-ID: <48o1nbqpo1@mhadf.production.compuserve.com>
Source record: 210060

SHACK CLEANING, BUT OPEN TO OFFERS/TRADES.

Yaesu FT-One, all updates/filters, $850. FT-102 SSB/CW, $650.
FT-102 All Mode, $750. FT-101B and X-VFO, have new gray cases,
look sharp, work great, $500. FT-2100B, clean with gray case,
almost new tubes, $500. FC-601 digital display $150. YO-100,
$175. MFJ 941E 300 watt tuner, $85 All are in near new working
and cosmetic condition all include manuals. Shipping and Handling
included conus.
David @ 303-415-5167 or 74650.716@compuserve.com

4304. Re: IC-706 HF Rig Features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: k5qq@aol.com
Message-ID: <48o25d$341@newsbf02.news.aol.com>
Source record: 210061

Hi Tom
This is really a reply to your interference problems that signals are hard to copy with the engine running and you can't seem to track it to any particular item.

Check the Fuel Pump located inside the fuel tank. They are notorious!!. I put an inline filter on my Van and fixed it completely!!. I put a split core ferrite on my Montero and it got it to the 99% point and was a lot easier since I could not get to the pump as easily as I could on the Van

Good Luck

Jim
K5QQ@AOL.COM

4305. Need Icom 820H mods or info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: hturn@pelican.davlin.net
Message-ID: <DIB265.HDs@abs.net>
Source record: 210062

Hello everyone....KC5FLJ here.

Has anyone developed any mods or as any hints or tips
for the Icom 820H.

Any info at all is appreciated.

Thanks

hturn@pelican.davlin.net

4306. WTB:ICOM 751A outfit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: Dusty Veideman <veideman@junction.net>
Message-ID: <48oc6i$2st@felix.junction.net>
Source record: 210063

I am currently looking for a Icom 751A with P/S, A/T, Mike.
Of course I would like it at a reasonable price. I may consider
ICOM 735 also.
Please reply by e-mail to start.
Regards,
Dusty VE7UVX veideman@junction.net

4307. WTB UHF MICOR RPTR LoSplit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <48lslf$lid@kaiwan.kaiwan.com>
Source record: 210064

Can you help?

Our Ham Radio Club is looking for a used Motorola UHF Micor Repeater,
low-split.

We prefer 90 watts, and in very clean condition.

Please EMail replies to: cardenas@kaiwan.com
or call: 310-549-5520

Many thanks!
Tony
WA6IGJ

4308. HTX-202 modulation adjustments

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: garak@ionet.net
Message-ID: <48m2h1$o5t@ionews.ionet.net>
Source record: 210065

I'm sure this has been discussed many times before I got here, but I have had a HTX-202 realistic hunk of Icom clone for a couple of years now sitting in a drawer because I got tired of trying to find where the modulation adjustment was without buying a manual. Every Icom I ever bought had to be adjusted and this one is no exception. I know it is stupid, but can anybody tell me where it is(of course the stupid thing was to buy it in the first place). Thanks, Gary Norman AA5ZS

4309. ICOM IC-2GXAT MODIF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: Danny B&#65533;lisle <dbelisle@rocler.qc.ca>
Message-ID: <30AF7309.6BC3@rocler.qc.ca>
Source record: 210066

Hello!,
My name is Danny Bï¿½lisle(VE2 DKA)from Quï¿½bec,Canada, and i would like
the modification for my IC-2GXAT. If you have it, please send me it at
: dbelisle@rocler.qc.ca.

Thank you very much !!!
VE2 DKA, Danny Bï¿½lisle

4310. Re: IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov19.082017.5687@ke4zv.atl.ga.us>
Source record: 210242
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

In article <48li87$21o@trance.isys.net> manfred.lange@hamburg.netsurf.de (Manfred Lange) writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) wrote:
>> On HF, though, it's a dream. I love the 1 Hz tuning, and the ability
>> to slow the tuning rate to 1/4 normal for digital. Tuning steps are
>> selectable at 1 Hz, 10 Hz, 1 kHz, and 1 MHz. I wish they hadn't skipped
>> 100 Hz, that would be useful for rapid band scans. 1 kHz is too coarse
>> for anything other than rapidly tuning to a selected band segment and
>> then shifting back to 10 Hz or 1 Hz. (Another firmware change.)
>
>Hi Gary,
>
>100-Hz-steps are possible, no problem. If you select the
>10-Hz-Function and press the "TS"-Button for about 2 Sec., the rig
>will jump into the 100-Hz-mode.

Actually, that changes you between 1 Hz and 10 Hz tuning steps. However, there is a way to get 100 Hz (and several other) step sizes. The fine manual explains it on page 17 as I discovered on rereading it. Just push TS until the marker is over the kHz digit, hold it for 2 seconds, and you're in a menu that lets you select 0.1, 1, 5, 9, 10, 12.5, 15, 20, or 100 kHz tuning steps. Whew! They didn't leave out a thing.

>>For those who like to scan VHF Hi-band, we've discovered a mod that
>>restores sensitivity, but at the cost of reduced sensitivity below
>>120 MHz.
>
>Could you post this mod here or via E-Mail?

This is the "yellow wire" mod, but one of my correspondents has found a better way that actually allows the filter to switch at the corner frequency (apparently around 129 MHz) as you tune. Now PROCEED AT YOUR OWN RISK, there are no guarantees you won't trash your radio, this is reverse engineering with no schematics, Icom doesn't warrantee this mod, etc, but here's the mod anyway. :-)

Remove the radio top and bottom covers according to the manual. Remove the speaker. Now with the radio facing you and right side up, you'll see a single connector with discrete wires at the rear of the control board. The fourth wire from your left should be a yellow wire (caution, the 5th and 6th wires on the other end of the connector are yellow too, don't get confused). Disconnect this wire from the connector. This will enable the 2 meter pass filter outside the 2 meter band, and will restore sensitivity between about

130 MHz and about 165 MHz (above and below that range, sensitivity still stinks, especially above 165 MHz). Before this mod, a low pass filter with a corner frequency around 129 MHz was in the circuit all the time except when you were actually tuning inside the 2 meter band, and that killed high band sensitivity completely. Before removing the yellow wire, sensitivity at 155 MHz was 30 uV for an S1 indication, after the yellow wire is removed, sensitivity increases so that only 0.5 uV is required for a S1 reading. At 165 MHz after the mod, sensitivity is 3 uV for an S1 reading, before the mod, a very large signal (more than I wanted to feed into the radio) was required for an indication.

Disconnecting the yellow wire has the unfortunate side effect of reducing sensitivity between 60 and 129 MHz since the radio never switches from the 2m bandpass filter to the low pass filter. Signals below 60 MHz don't go through either filter and are unaffected by the mod. Now here's how to get the low pass filter back when tuning below 129 MHz. On the bottom board, right behind the MENU button, there are 5 SMD transistors. These transistors apparently switch the VCOs for the various band segments. The one in the middle of the 5 apparently switches the 60-129 MHz VCO. The single pin (one side of the SMD transistor has 2 pins the other only 1) switches to 5 volts when this VCO is active, and is low otherwise. This is exactly what we need to feed the yellow wire. There's a board trace coming from this pin over to a feedthru hole near J8. Connect the yellow wire you disconnected earlier here.

The filter should now toggle between low pass and 2m bandpass as you tune below and above 129 MHz, and you should have good sensitivity both above and below this frequency (at least up through 165 MHz).

Remember, CAUTION WARNING and all that trash. This is tiny SMD stuff. If you trash your radio, you're on your own. Thanks go to our correspondent from Finland, whose call I do not know, who discovered this latest mod, and to WB6JDI for relaying it to me.

A final PS to all you mod freaks. There may be *a better way* than this mod to restore high band sensitivity. If you're a worry wart, or unsure of your skills working with tiny stuff, wait for the schematics and board layouts to come out on the radio. Icom says January. Then we may find a better way. If you're brave of heart, then happy mods to you.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4311. Re: Even my wife thinks hams are...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: "Dennis A. Mason" <damason>
Message-ID: <48mc8e$lli@sanews.uswc.uswest.com>
Source record: 210243
Cross-posted to: radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space

Burt must be a Chicken Bander.

4312. Mods for Icom IC-736

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: yingst@knighted.com
Message-ID: <48lstq$17m@crier.knighted.com>
Source record: 210244
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Does anyone have any mods for the ICOM IC-736?

I'm looking for a way to turn the pre-amp back on below 1.6 Mhz.
Icom turns it off even though it the light says it's on.
I would like to listen for some lowfer stations 1750 meter band
(160-190 kc. 1 watt into a 50 ft antenna).

I'm also looking for a way to improve the recieve audio.
The recieve audio sounds flat and distant, lacking highs & lows.
With the notch filter ON the audio sounds a little better,
but it still could use some improvement.

They re-shape the audio through the notch filter,
and it actually has a nicer sound with the notch filter on
(Has more highs & lows).

I had a IC-737 that had the same problem with the audio,
just not sounding quite right.

I am also interested in any other mods for the Icom IC-736.

Please send any replies to yingst@knighted.com

Note: If you post a reply into this newsgroup I probaly wont get it,
my internet provider only holds news for 1 day.

Thank You. Harry N6VUJ

4313. DualBand For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: Dan Gray <crpl.cedar-rapids.lib.ia.us>
Message-ID: <48m3sl$jqq@flood.weeg.uiowa.edu>
Source record: 210245

TM-731 Dual Band with Duplexer and Larson MNO mount antenna. Call Jud, 319-446-7467 Evenings.

4314. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: Abe Betesh <panflute@hs.wisenet.com>
Message-ID: <48md28$e7s@news.wisenet.com>
Source record: 210246

WANTED: 34PNB noise blanker for a DRAKE TR-7. panflute@hs.wisenet.com
Abe (305) 771-7465

4315. Manual and info on IC-3210

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: jwc@a.crl.com
Message-ID: <48m58h$dr8_002@sat1.as.crl.com>
Source record: 210247

I need a copy of the above manual. Also, could anyone please give me the step by step instructions on programming the memories. Thanks and 73.

Jim Chandler, N0VAH
jwc@a.crl.com
1024-bit Key fingerprint = 74 B4 7C BF 51 ED A6 00 F5 2C 6E 99 A7 0D 29 D2
2048-bit Key fingerprint = 82 30 8D 56 43 22 3A 2F 4D EA 37 DE B9 B4 21 52

4316. Re: RS. HTX202 What's Wrong ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <48m2tp$ol3@ixnews7.ix.netcom.com>
Source record: 210248

In <pezad-1711951938250001@pm039.bby.wis.net> pezad@wimsey.com (Peter Zadorozny) writes:
>
>Whats with the RS. HTX202
>
>This is my second one this year -- failures
>
>The problem is the antenna seems to lose connection with the radio. It
>doesn't appear to be the antenna as it works on other handhelds just fine.
>Other antennas don't seem to work on the HTX202.
>
>When the transmit button is pushed the power out LCD display goes full
>scale and it shouldn't (like no antenna connected). There is little or no
>radiated power. Very strong repeaters can be heard but very weak, maybe 1
>or 2 meter units. It's almost like the metal in the centre of the BNC
>connector on top of the handheld becomes disconnected. You can get it to
>work intermittantly by pushing on the centre conductor of the BNC with the
>antenna off (I become the antenna) or by spinning the rubber duck to
>certain positions while connected.
>---
>Is this a common fault with this rig ? What causes it ?
>---
>
>I have not been too bold in my investigations as it is still under
>warranty (just).I am concerned though as next time things wont be covered.
>My first one was replaced immediately, now RS wants to try a repair.I'm
>not hopefull.
>
>Thanks for any suggests and comments in advance.
>
>Peter
>
>pezad@wimsey.com
>VE7CUZ

Is this more flame bait for me or is this just another RS complaint? I really don't have to comment on these kind of post any longer. They

are abviously revealing and can stand on their own merit.

Regards,

Duffy

4317. Kenwd if-232C interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: kq6bc@kq6bc.ampr.ORG
Message-ID: <97@kq6bc.ampr.org>
Source record: 210249

Howdy! I'm looking for a diagram, schematic, or how-to instructions to build the radio to RS-232 interface for Kenwd radios--in my case the TS-440.

There are lots of posts that describe what it is and that it uses a couple of chips and control programs, but the diagram has thus far eluded me.

Thank you for your attention and support.

73 de Fred aka kq6bc kq6bc@kq6bc.ampr.org

4318. Car Audio Equipment DISCOUNTED!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: kman@dcfreenet.seflin.lib.fl.us
Message-ID: <48nui5$s17@bcfreenet.seflin.lib.fl.us>
Source record: 210250

Attention Car Audio Enthusiasts!!!!!

DISCOUNT PRICES ON : ROCKFORD FOSGATE, PIONEER, SONY,
SOUNDSTREAM, SAS BAZOOKA, DEI (Viper Alarms), Code Alarm

Need help designing an entire system, building a subwoofer, in need of a new radio, or just need some information or help. Please feel free to contact me. I am based in Miami, Fl but will ship products anywhere. All products are brand-new NOT used or reconditioned with WARRANTY.

E-mail me with any questions, price quotes, or comments.

--

Kristian Hofseth
kman@dcfreenet.seflin.lib.fl.us

4319. Kenwood TH79-A For Sale..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: jzupich@en.com
Message-ID: <48o8lv$7nr@charm.magnus.acs.ohio-state.edu>
Source record: 210251

I haven't priced these lately, but I spent $530 for mine last July.

It is in excellent condition.

Asking $425, but all reasonable offers considered.

Please reply in email if interested: Zupich.1@osu.edu.

4320. need info for ic-28a, mike gain pot

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: jxa3851@ucs.usl.edu
Message-ID: <48o8ej$55d@rouge.usl.edu>
Source record: 210252

have recieved several reports of low and muffled audio for the
icom ic-28a that i operate. am looking for

1) manual source (prefered on the net)

2) the location of the mike gain and deviation pots. have opened
the cover and located 2-3 that look like the ones that i need
but can not tell which are the correct two.

73

j (kc5jpf - lafayette, la)

4321. fs: motorola 800mh trunked radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: dandy@xnet.com
Message-ID: <48o8rb$amm@flood.xnet.com>
Source record: 210253

10 Motorola 2way 800Mh trunked radios. 2 base unit transformers. misc. vehicle brackets and antennae. 8-9 radios working 100%. Others minor repair. MAKE OFFER!!

Reply to E-Mail: dandy@xnet.com

4322. newbies need helpfinding HT's

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-19 00:00:00 UTC
From: jbeens@silver.sdsmt.edu
Message-ID: <jbeens.19.08E8C6B5@silver.sdsmt.edu>
Source record: 210254

Hello,
A few other hams and myself are looking at purchasing some HT's. We are interested in Yaesu's FT-530, and the RT-51. How do these radios compare with each other? What other units should we look at that offer similar features / specs?

Thanks in advance,
The hams at K0VVY,
South Dakota School of Mines and Technology Amateur Radio Club

We can be reached at:
jbeens@silver.sdsmt.edu

4323. Re: Ham needs DOS help (file doesnt exist??)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: bphillip@csc.com
Message-ID: <48r3i7$k8e@explorer.csc.com>
Source record: 210005

Mparkes (mparkes@aol.com) wrote:
: I want to clean off my hard drive and rebuild it. But when I go to copy
: certain files from the HD to a floppy sometimes I get the "file does not
: exist" ....well, it looks like it exists to me! Also, while copying files
: out of one directory, once it gets to the last document, sometimes it will
: start copying files from OTHER directories as well! What in the world is
: going on? Am I doing something wrong...Any advice is appreciated.
: -Mike KS4DA

If your DOS is version 6.20 or later, run SCANDISK to fix the problems in your directory structure. If your DOS is 6.0 or earlier and you have the Norton Utilities, run the "Disk Doctor". If you don't have either of these, run CHKDSK /F. (NOTE: Don't run any of these under Windows; exit to DOS first.)

You will probably get some "cross-linked clusters" and/or "invalid directory entries", which the above utilities should fix by storing the bad data in text files in the root directory (C:\). You will probably have to delete these, but you could TRY a text editor to see what's in them first. You may get some "bogus" directory entries that are not cleaned up even by the above programs. If this happens, get everything out of the directory that you can, then enter the dreaded "DEL *.*" command.

While you're at it, you should also look for temporary files and delete these wherever they're found (enter "DIR /S/P *.TMP" while in the root directory to see where they are). Delete anything else you KNOW for SURE you either don't need or have another copy of, and then use DEFRAG (in DOS 6.20 or later) or SD (if you have Norton Utilities). There's also a similar function in PC Tools, but I don't remember what it's called.

Possible causes of your problem include turning off the system or hitting <Ctrl>+<Alt>+<Del> with Windows still running, power failures, and some primitive viruses, so a 'virus scan' might be in order as well.

If the series of suggestions above doesn't fix your problem, you may need to back up your data, kill the disk partition with FDISK, then reload DOS, Windows, applications, and then your data. Feel free to e-mail if you have more problems/questions/etc.

--
bdp (bphillip@explorer.csc.com) 73 de KC5OQG
-- my opinions are my own, etc., etc. <== usual disclaimer --

4324. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-2011951213240001@m14494-mac.mitre.org>
Source record: 210006

Nick Feliccia wrote:

> Has anyone notice how DAMN expensive ham equipment is.

Well, it costs about the same as always, but you get a whole lot more for your money. I have an Allied Electronics catalog from 1964; they used to sell all sorts of ham and CB equipment. A Drake TR-3 went for around $300; that's 1964 dollars. Adjusted for inflation, that's about $1k in 'today' dollars. And what you got was a tube radio that would transmit and receive, and that's about all. No general coverage, no memories, no scanning, so signal processing. The tubes were noisy and burned out all the time, and the set weighed a ton and required an external high-voltage supply to boot. Most of today's rigs cost about the same, and do lots and lots more. Even a high-end rig like the Yaeus FT-1000D at around $4k compares very favorably in price (inflation adjusted) to high-end Collins or Hallicrafter equipment in the '60s. Get this: a 23 channel CB set cost $250 in 1964; that's almost a grand for a *CB set*!

Mike, N4PDY (been a ham since 1964, so I should know!)

--
mwhite@mitre.org

My opinions are my own, not my employer's.

4325. Any Yeasu FT-1000MP Reviews?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.951120194716.6438B-100000@avatar.avatar.com>
Source record: 210007

I'm giving some serious thought to purchasing the new Yeasu FT-1000MP hf rig, but I've not heard anything about it. Does anyone here have any opinions? Any real experience operating it?

Thanks,
Kory
KE6VWO

4326. Re: Looking for info on longrange communication.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: scanman@aramco.com
Message-ID: <NEWTNews.816909812.11703.bjones@bjones.aramco.com>
Source record: 210008

Stephen Manchester/vetod@aol.com said...
>Here is my situation.
>I need to be able to hook up a telephone in the middle of the desert.
>about 100 to 150 miles from the nearest civilization. Is there any
>specific equipment that could be used for this purpose.
>The link would also have to be able to handle data transmission as well.
>I'm not looking for something cheap or inexpensive. I need something
>that works.
>>>
Sounds like a good application for Inmarsat to me.

73 de KC5EVD
bjones@aramco.com

4327. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: tip@mercury.aichem.arizona.edu
Message-ID: <tip-201195154709@pc176x1.phy.ohiou.edu>
Source record: 210009
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,re

In article <48q0d2$nm8@news.cuny.edu>, Bob Crownfield
<Bob_Crownfield@QC.edu> wrote:
>
> Bill Funk <skypilot@starlink.com> wrote:
> >
> >>Speaking of HAM radios, could this group help me out? Every time I go and
> >>dive with my radio set, the fuse blows. What's the trick here?
> >>
> >
> >Ah, yes...
> >There was a time when having a HAM ticket *meant* something...
> >When a fuse blows consistantly, it's because there's more current going
> >thru the fuse than the fuse is rated to carry. The fuse, being a safety
> >device, blows to prevent this excess current from flowing, possibly
> >damaging something.
> >Check to make sure the fuse is the proper rating for the gear. Do *not*
> >replace it with a higher-rated fuse! If it is the correct fuse, then the
> >gear is drawing too much current. This needs to be corrected. Maybe it's a
> >short in the power line, maybe the gear is not a boat anchor. Either
> >extreme, and all points in between should be checked, and corrected.
> >Good luck.
> >Bill
> >
>
> Bill:
> Why are you talking about radios in rec.scuba? How did this ham
> chat get lost in rec.scuba in the first place?

Personally, I think a group of less than laudable people got together and
decided to have fun by posting a series of totally meaningless messages in
a set of totally inappropriate places. Theater of the absurd. Okay guys,
we've seen it; I give it a 3 on difficulty and a 4 on creativity. No
medal, not even honorable mention. So, wrap up the production, go away...
don't call us, we'll call you.

If I was smart, I'd have a clever .sig

4328. CW Filter 250 or 500hz???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: nema@pcnet.com
Message-ID: <48qeb6$jm@pcnet2.pcnet.net>
Source record: 210010

I wish to buy a narrow band filter for my Yaesu Ft900 they offer a 250
or 500hz filter I work 40 meters at night which is kind of a QRM jungle
does anyone have a recomendation.

Thanks in advance
Richard
N1VXW

4329. Re: Kenwood TS-440 Computer Interface Info Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8169154747802@lss.humnet.humberc.on.ca>
Source record: 210011

> Greetings,
> I need info on the computer interface of the TS-440S...
> I have the serial port level converter, but not any info on what is
> needed to be added to the 440.
>
> I would also like to purchase a manual for the TS-440.
>
> Thanks, 73 N4SW
>
> Email = wshort@nando.net
>

You need an 8251 USART and a 4040 CMOS counter to go into the TS440.
You can get these at most any mailorder parts outlet for well under $10
Kenwood calls this the IC-10 kit and sells it for much more.

Regards..Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

4330. Johnson 450 RCC conversion?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: carndt@netcom.com
Message-ID: <carndtDID4JF.838@netcom.com>
Source record: 210012

I have a few Johnson 450 UHF RCC 14 channel synthesized full duplex tranceivers. (No control heads, they were RYDAX mobile phones, and are long gone)

These look well built, similar to comparable GE or Motorola trunk mount radios. I have a manual on order.

Has anyone converted one of these to amateur service? If so, I'd like any pointers you may be able to give. Seems like one would make a nice portable repeater.

73,

Chris

4331. TEKTRONIX 2215 60 MHZ SCOPE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: fbagg@corpcomm.net
Message-ID: <48p23v$ljm@news.corpcomm.net>
Source record: 210013

I have a TEKTRONIX 2215 60 mhz scope for sale. It is dual trace with capabilities of showing 4 traces at once. I am asking $750. for it. I paid over $1400. for it new and I am the original owner. It has not been used a great deal but having moved into a condo and not fixing radios I don't find that I have a use for it anymore. Fred.

4332. TS-50S RCP Software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: klog@gold.mv.net
Message-ID: <48o4sg$1ot@data.interserv.net>
Source record: 210067

I'm looking for some Radio Control Software for my TS-50S. Please reply via email.

Bill Kellogg
W1ZIW
klog@mv.net

4333. Re: Saber info wanted, please.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: Brian Kitaoka <bk104.hgea.org>
Message-ID: <48ogsi$cts@hgea01.hgea.org>
Source record: 210068

Hi Matt:

What is it that you want to know???. I am a ham and have a SYSTEM SABER III with Securenet. I too have a RIB and the software. If you are legal copy of the software, the programming manual comes with it.

e-mail me with your questions.

73's

4334. need pin out for EICO 753

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: dbreazil@wyoming.com
Message-ID: <48onpb$mr2@horn.wyoming.com>
Source record: 210069

does anyone have the pin out for an old kit radio
EICO model 753?
thanks Don

4335. Re: Saber info wanted, please.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: peterg4@ibm.net
Message-ID: <48os75$2r9i@news-s01.ny.us.ibm.net>
Source record: 210070

In <1995Nov19.095625.7892@lafn.org>, ab910@lafn.org (M. Davies) writes:
> Now that I have the unit I need to know what those icons in the display
>mean and how best to set the programing EEPROM options.
>
> I have no idea what all those used
>radios like mine are being used for without the right programing info.
>Door stops maybe.
>
> I do have access to a program and R.I.B.
>

If you can't find or figure out the manual, you will just need a good
amount of time and patience.

If you just need it done once or twice, pay some tech a few bucks under
the table to program it for you

4336. IC706 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: steveg@kcbbs.gen.nz
Message-ID: <3695323.572.25177@kcbbs.gen.nz>
Source record: 210071

Forgive me as I am kinda new to this but, I would like some info about
the IC706. I understand that it will xmit on anything below 54Mhz?
and 144-148Mhz?
What are its receiving ranges?
And one other thing - why do you somethimes express frequencies in
Hz and at other times in Metres? sound waves travel at the same speed
all the time, so fo a given wavelength ie 2m the frequency will always
be the same so why not stick to expressing it the same way?
Is the IC706 good as a scanner but has the ability to xmit as well?
ie does it recieve a wide range of frequencies?

Regards

Al

--

Email: steveg@kcbbs.gen.nz :::: :::
Hoiwck, Auckland (They call me Al) :+::+: :+:
NEW ZEALAND +:+ +:+ +:+
Tel: +649 535-8816 +#+#+++#+ +#+
+#+ +#+ +#+
"Why yes I am a rocket scientist" ### ### ##########

4337. Wanted TS 930

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: mrdlj@halcyon.com
Message-ID: <48p4if$9a1@news.halcyon.com>
Source record: 210072

Wanted Kenwood ts930 with built in tuner
Mint Condition

4338. Re: Wanted TS 930

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: mrdlj@halcyon.com
Message-ID: <48p4qm$9a1@news.halcyon.com>
Source record: 210073

```
> mrdlj@halcyon.com writes:
> Wanted Kenwood ts930 with built in tuner
> Mint Condition
>
>
>>>>
I mean a TS940s not 930. Sorry
```

4339. Re: Repeater Controller suggestions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <48p8vu$les@ixnews4.ix.netcom.com>
Source record: 210074

In <48g4j8$3ks@newsstand.cit.cornell.edu> F. Kevin Feeney
<fkf1@cornell.edu> writes:
>
>Hi,
>
>We're upgrading our repeater and would like to add a controller that
is
>very flexible and easy to remotely program. I've looked at the CAT
>series, and we have an RC85 - what's the next generation beyond these
>like? I"ve heard of new controllers based on PC's and sound cards.
Anyone
>have pointers to controllers of this type, or any other new
controllers I
>should be aware of?
>
>Thanks in advance.
>
>Kevin, WB2EMS
>"Unencrypted email is just another word for evidence."

You may want to look at the Link-Comm Repeater Controllers, they are
based in Bozeman MT. Phone: 406-482-7515.

73's

Kevin

4340. packet radio?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: acosta@hsc.usc.edu
Message-ID: <48pi2d$m1e@hsc.usc.edu>
Source record: 210075

i am very interested in finding out more info ion packet radio.
it is something ireally onluy hear dabout second hand, and
wish o find out more about it.....
robert
please email relevant responses and informantion to:
mammal@deeptht.armory.com
as i am using a friends account
b

4341. RE: Standard 568A recovery?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: guenter.koellner@oen.siemens.DE
Message-ID: <30B10FA3@SmtpGate.Oen1.Oen.Siemens.De>
Source record: 210076

Hello there,

I also own a Standard C568. I also own the service manual. I am very
satisfied with the radio.

Receiver is wide on all bands. Its able to scan the (european only?)
930-932-phone-area. RX sensitivity on 23cm is also good.

For 23cm I use a power amp designed for a packet radio interlink tranceiver,
it boosts up to 15W and is easy to be built.

vy 73, Guenter, DL4MEA@DB0KCP.#BAY.DEU.EU (AX.25)
KOELLNER@SCN.DE (Internet)
HTTP://WWW.SCN.DE/~KOELLNER (WWW)
UO-22, KO-23 & KO-25 (Pacsats)

4342. Does the latest CT program cover the FT1000MP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: harp@bnr.ca
Message-ID: <harp.53.0@bnr.ca>
Source record: 210077

Does anybody have an inside track on Pavilion Software?

You dial their number and they ask you to place your order
on voice mail. I'm not too comfortable with that.

The FT1000MP retrieves frequency slightly differently than
the FT1000D. Wonder if the latest CT program covers it.

Do I have to buy version 9 to get it?

****
* Alan Harp K4PB * Bell-Northern Research * CW FOREVER *
* mail: harp@bnr.ca * Research Triangle Park, NC * *
****

4343. Any mods for Icom IC-2350H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: <>
Message-ID: <48p2hf$ci7@pathway1.pathcom.com>
Source record: 210078

Anyone know of any mods for the new Icom Ic-2350H dualband mobile?

jfox@pathcom.com

4344. Mods Icom IC 2350H ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: <>
Message-ID: <48p2r1$ci7@pathway1.pathcom.com>
Source record: 210079

Does anyone know of any mods for the new Icom Ic 2350H dual band mobile?

jfox@pathcom.com

4345. Any known mods for the Icom Ic-2350H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: jfox@pathcom.com
Message-ID: <48p32h$ci7@pathway1.pathcom.com>
Source record: 210080

Anyone know of any mods for the Icom Ic 2350H dual band mobile.

jfox@pathcom.com

4346. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <48qfh1$iih@pacific.mps.ohio-state.edu>
Source record: 210081

It doesn't seem to me that the days of homebrewing equipment have passed. True, it is unlikely that most hams could duplicate the complexity of modern Japanese SSB transceivers, or would want to even if they had the knowledge. However, much of the circuit complexity in these radios contributes only to bells and whistles, many of which are seldom used and many of which only make the radios user unfriendly. One shouldn't have to wade through nested menus of options to select functions, or be forced to enter routine freqency selections into a keypad, or to figure out which of dozens of buttons to press when wanting to switch filters or do something simple. Users shouldn't have to put up with tiny closely-spaced knobs (usually dual concentric), and dozens of identical looking pushbuttons on a black-on-black panel. I'm afraid we have all fallen victim to advertising campaigns which tout "features" but ignore convenience.

The point is that one doesn't have to duplicate all the frills of these radios to design and build truly high-performance receivers, transmitters and amplifiers. Modern integrated circuits provide wonderful easy-to-use building blocks, and any ham who is willing to study a bit can acquire the skills to use them. Furthermore, there is a large amount of 1970s-80s test equipment available at flea markets and elsewhere, so one can outfit a complete workshop with lab grade equipment (Tektronix scope, Wavetek signal generator, HP bench supplies and rf voltmeters, etc.) at far less cost than one Japanese transceiver.

I have been interested in the resurgance of A.M users in the past few years. These hams tend to be quite knowledgable about technical matters, and often build their own transmitters. They tend to like the receivers from the vacuum tube era, not so much because they dislike solid state electronics, but because the old receivers were more fun to use and much easier to tinker with. I've learned that A.M. is not an "obsolete" mode, as I had once thought, but actually can be implemented with some very sophisticated circuit concepts.

In any case, it seems to me that the spirit of homebrewing is still alive and well.

Jim W8ZR

4347. Re: R5000 Misbehaves

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <48olbp$v0a@crow.cybercomm.net>
Source record: 210082

Typical PLL problems...see if section is filled with wax...melt out with hair drier. Then resolder all the cold solder joints..

Steve, Wa2nhz

4348. Linear Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: "Mr. Jeremy Langley" <langleyj>
Message-ID: <48qegd$qb9@sun4.bham.ac.uk>
Source record: 210083

I wonder if anybody can help?

I've recently aquired a DENTRON RADIO Co. RF AMP.
Model No. MLA-2500B.

I'm trying to find the recommended input power for the amp. and also trying
to find any schematics for the beast!

Thanks in advance.
Jeremy.

4349. Any mods for Icom IC-2350H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: <>
Message-ID: <48om4r$9ug@pathway1.pathcom.com>
Source record: 210084

Is anybody aware of any modifications for the new Icom Ic 2350H??

jfox@pathcom.com

4350. Re: IC706 Audio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DICwon.E2y@iglou.com>
Source record: 210085

: I have no idea what the term "pinched up" means, but I will note that

Yea, What is pinced up??? Changing the carrier frequency would be the same
as changing the rit so your pitch is different. I have a 706 and got
great reports. When compared with my ts940 which has a desk mic. the 940
had more low freq. audio of course. Perhaps that little mobile mic
on the 706 is delibertly narrow...
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4351. Re: RS. HTX202 What's Wrong ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: proctor@onyx.nist.gov
Message-ID: <48q174$3a5@dove.nist.gov>
Source record: 210086

In message <pezad-1711951938250001@pm039.bby.wis.net>, pezad@wimsey.com (Peter Zadorozny) writes:

>Whats with the RS. HTX202
>
>This is my second one this year -- failures
>
>The problem is the antenna seems to lose connection with the radio. It
>doesn't appear to be the antenna as it works on other handhelds just fine.
>Other antennas don't seem to work on the HTX202.
>
>When the transmit button is pushed the power out LCD display goes full
>scale and it shouldn't (like no antenna connected). There is little or no
>radiated power. Very strong repeaters can be heard but very weak, maybe 1
>or 2 meter units. It's almost like the metal in the centre of the BNC
>connector on top of the handheld becomes disconnected. You can get it to
>work intermittantly by pushing on the centre conductor of the BNC with the
>antenna off (I become the antenna) or by spinning the rubber duck to
>certain positions while connected.
>---
>Is this a common fault with this rig ? What causes it ?
>---
>
>I have not been too bold in my investigations as it is still under
>warranty (just).I am concerned though as next time things wont be covered.
>My first one was replaced immediately, now RS wants to try a repair.I'm
>not hopefull.
>

I don't know if it is a common problem or not, but I have had the same
problem with my HTX-202. In my case, it was already out of warranty.
On mine, it turned out that the center contact of the BNC connector
(on the rig, not the antenna) bacame spread apart until the center
pin of the antenna didn't contact them anymore. I could twist the
antenna around and it would sometimes make contact for a while.
Since mine was out of warranty, I first looked at changing the
connector. This is not too bad, but requires the right kind of connector.
As a temporary hack to get it working until a new connector can be
found, I took a double-BNC connector and pushed the center pin out,
built the end diameter up a little with soft silver solder, then did a little
filling and test fitting until it was a snug fit in the radio connector. I then
pressed the pin back into the connector and with a BNC barrel used this
between the rig and antenna. I haven't had any more trouble with this.

I think the problem is that the RS antenna is so stiff, that any bending of the antenna translates to the BNC and bends the center contacts out. I bought a new very flexible antenna for mine to reduce the forces on the connector. Since your rig is under warranty, send it back to be repaired, then get a new antenna which is flexible. If you get it fixed and continue to use the stock antenna, it will probably happen again.

73 - Jim

--
James E. Proctor National Institute of Standards and Technology
Don't listen to anything I say - I never do.
My parents went to Disneyland and all I got was this crummy signature.

4352. Hal P38

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: cowanr@isma8.monmouth.army.mil
Message-ID: <332B0637@MHS>
Source record: 210087

Is there anyone out there who uses the Hal P38 or knows anything about it?
How does it compare to the PK232 and Kam Plus?

73, Roland WF4P/AAR2AA

4353. Mods for Icom IC-2000H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: yingst@knighted.com
Message-ID: <48qtub$9uv@crier.knighted.com>
Source record: 210088
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Does anyone have any mods for the ICOM IC-2000H?
I'm looking for a way to turn the AM Detector on above 136 Mhz.
(switch between AM & FM by pressing some buttons)
I would like to listen to some WX Satellites on 137.50 Mhz. AM.

I am also interested in any other mods for the Icom IC-2000H.

Please send any replies to yingst@knighted.com

Note: If you post a reply into this newsgroup I proably wont get it,
my internet provider only holds news for 1 day.

Thank You. Harry N6VUJ

4354. material STANDARD

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: desman@world-net.sct.fr
Message-ID: <desman-2011952359100001@client146.sct.fr>
Source record: 210089

I try to obtain me the material STANDARD. It is impossible to find in France. Someone can tell me or I then in to find elsewhere, thank you.

4355. Wanted: Info/Mods for ADI AT-200 handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: JOE BRANDT <jbrandt>
Message-ID: <48qdq6$g8v@solitaire.cv.nrao.edu>
Source record: 210090

Wanted: Info/Mods for ADI AT-200 handheld.
Please post or email direct to me at
jbrandt@nrao.edu

Thanks in Advance.

Joe Brandt (N0NYO) N.R. EMT/FF jbrandt@nrao.edu

4356. Re: IC706 Audio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: "Charles Jack Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <48r13f$liq@vixen.cso.uiuc.edu>
Source record: 210091

OK. OK. Pinched up is where you put your forefinger on one side of your nose, your thumb on the other side, squeeze, and then talk. That's what you sound like on the air. If you like it that way, fine. The guy said: "I just bought a new IC706...how does it sound?" I said: "You sound all pinched up." He said: "Well how about now...I just set the carrier point to minus 200?" I said: "Uh..better, more like you, but still a little high pitched or pinched up." That's it. That's my whole IC706 experience.

Chuck, KE9UW

4357. REVIEW: THE POCKET GUIDE TO COLLINS AMATEUR RADIO EQUIPMENT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: mc@shore.net
Message-ID: <48r93i$3i8@northshore.shore.net>
Source record: 210092
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap,rec.radio.amateur.misc

REVIEW: The Pocket Guide to Collins Amateur Radio Equipment 1946 t0 1980
by Jay Miller, KK5IM

Collecting Collins amateur radio equipment has now come of age, with the publication of Jay Miller's Pocket Guide to Collins Amateur Radio Equipment which covers radios and accessories produced from 1946 to 1980. This is an extremely interesting period in the development of the radio art and the beginning of the Single Sideband era, as seen by the many models developed and marketed by the Collins Radio Company of Cedar Rapids Iowa.

Jay dedicted the Collins Guide to Art Collins W0CXX (SK). He notes in the beginning that the Guide is not a history of Collins Radio nor is it a technical treatise on radio engineering as applied to their equipment. It is, he states, intended to provide the Collins user, collector and enthusiast with a complete pictorial guide to the amateur radio equipment produced from the end of the Second Warld War to 1980.

As a Collins owner/operator continuously since 1967, I have always enjoyed using my KWM-2A and keeping it maintained. This is about my level of technical competence. I also own a 75S-3C, 75A-4, 51S-1 and a military surplus KWM-2A that is awaiting my attention. When I heard about the Collins Guide I was most anxious to see it.

Jay and his associates, including Contributing Editor Butch Schartau K0BS did not disappoint me. The Guide is indeed pocket sized and is wire-bound which means that it will lay flat on a table. Both front and back covers are laminated for durability. Equipment is arranged pretty much in chronological order with professional-quality photographs and illustrations along with descriptions and information about the piece of equipment shown. There's a beautiful picture of the famous KW-1 transmitter on page 22.

The Collins Guide also includes some technical information, such as rear panel collections, crystal information, tube lists of A-line and S-line equipment and information on mechanical filters.

As mentioned earlier I was very pleased with the Guide. It is indeed a beautiful job! It is an important reference work as well as an easily read pictorial history of one of the major players in the development of ham radio communications technology and folklore. I consider the Collins Guide to be an essential information source for anyone wanting to know more about these wonderful radios!

%T The Pocket Guide to Collins Amateur Radio Equipment 1946 to 1980
%A Jay H. Miller, KK5IM

%I Trinity Graphic Systems
%C 5402 1/2 Morningside Ave, Dallas TX 75206 1-800-233-0484
%D 1995
%O $19.95 plus $3.00 P&H USA, $4.00 Canada/Mexico, $6.00 foreign
%G Library of Congress Catalog Card Number 95-090632
%P 104 pages, wirebound
%K Amateur radio equipment, Collins Radio Company

(C) 1995
Michael Crestohl
Nahant Massachusetts USA
mc@shore.net

DISCLAIMER: I have no interest, financial or otherwise, in the success or failure of the book or materials reviewed herewith, nor have I received any compensation (other than a review copy requested by me) from anyone who has. All opinions expressed are strictly my own.

Other Internet and Aviation book/software reviews by me can be obtained by anonymous FTP from: x2ftp.oulu.fi in the /pub/books/crestohl directory.

4358. Want Mint IC-32AT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: jbledsoe@marlin.utmb.edu
Message-ID: <48pkqr$nlm@atlantis.utmb.edu>
Source record: 210093

```
Interested in a Mint IC-32AT. If you have one you want to get rid
of send me some email @ "jbledsoe@marlin.utmb.edu"
TNX James KK5GG

--
------------------------------------------------------------------------
James Bledsoe james.bledsoe@utmb.edu
University of Texas Medical Branch, Galveston
------------------------------------------------------------------------
```

4359. Re: Repeater Controller suggestions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: steinr@holmes.ece.orst.edu
Message-ID: <48qm40$na1@engr.orst.edu>
Source record: 210094

In article <48p8vu$les@ixnews4.ix.netcom.com>,
Kevin Karamanos <wd6dih@ix.netcom.com> wrote:
>In <48g4j8$3ks@newsstand.cit.cornell.edu> F. Kevin Feeney
><fkf1@cornell.edu> writes:
>>
>>Hi,
>>
>>We're upgrading our repeater and would like to add a controller that
>is
>>very flexible and easy to remotely program. I've looked at the CAT
>>series, and we have an RC85 - what's the next generation beyond these
>>like? I"ve heard of new controllers based on PC's and sound cards.
>Anyone
>>have pointers to controllers of this type, or any other new
>controllers I
>>should be aware of?
>>
>>Thanks in advance.
>>
>>Kevin, WB2EMS
>>"Unencrypted email is just another word for evidence."
>
>You may want to look at the Link-Comm Repeater Controllers, they are
>based in Bozeman MT. Phone: 406-482-7515.
>
>73's
>
>Kevin

Actually, Link Communications, Inc is at:

115 Second Avenue, N.E.
PO BOX 1071
Sidney, MT 59270-1071
1-800-610-4085

--

*** Ray Stein *** Oregon State University ***
*** steinr@ece.orst.edu *** Dept of Electrical Engineering ***
*** N7RET *** http://www.ece.orst.edu/~steinr ***

4360. Mods for Icom IC-736

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: yingst@knighted.com
Message-ID: <48qtld$9uv@crier.knighted.com>
Source record: 210095
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Does anyone have any mods for the ICOM IC-736?
I'm looking for a way to turn the pre-amp back on below 1.6 Mhz.
Icom turns it off even though it the light says it's on.
I would like to listen for some lowfer stations 1750 meter band
(160-190 kc. 1 watt into a 50 ft antenna).

I'm also looking for a way to improve the recieve audio.
The recieve audio sounds flat and distant, lacking highs & lows.
With the notch filter ON the audio sounds a little better,
but it still could use some improvement.
They re-shape the audio through the notch filter,
and it actually has a nicer sound with the notch filter on
(Has more highs & lows).

I had a IC-737 that had the same problem with the audio,
just not sounding quite right.

I am also interested in any other mods for the Icom IC-736.

Please send any replies to yingst@knighted.com

Note: If you post a reply into this newsgroup I probaly wont get it,
my internet provider only holds news for 1 day.

Thank You. Harry N6VUJ

4361. YAESU DVS2 Problem. Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <48qtha$2kr@pacific.mps.ohio-state.edu>
Source record: 210096

My DVS2 digital recorder seems to lock up frequently. I use it on my FT1000D, and find that upon powering up the FT1000D the DVS2 is frequently completely unresponsive. THe only "cure" is to reset the microprocessor in it, which erases all my stored messages. I've tried bypassing the DVS2 pwr supply line, and adding additional filter capacitance, but these steps don't seem to work. A year or so ago, I contacted YAESU service, but they didn't have any suggestions as to the problem. A friend has the same problem with his DVS2/FT1000D. Anybody out there got any suggestions???
Jim W8ZR

4362. FOR SALE: Complete Amateur Station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: "James R. Salvaggio" <102753.105@CompuServe.COM>
Message-ID: <48qtua$7nb$1@mhade.production.compuserve.com>
Source record: 210097
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Amateur Radio Station Equipment for sale:

Moving into development SALE......

1. Yaesu FT-767GX with 2m module, 6m module,
desk mike and backup battery mod $1300

2. Heathkit SB-2200 2KW Linear Amplifier(Covers 17m) $500
(Includes 2 3-500Z tubes)

3. Cushcraft A50-5S 6M 5 element beam antenna $100

4. Mosley 5-band HF 3-element beam TA-53-M(18Ft boom) $480

5. Telex HAM-IV rotor,controller and 150' (8448) control cable $350

6. Belden 8214 coax, 300' in 2-150' pieces $90

7. Rohn HDBX-40 40' 18 sq ft wind-load tower with tilt-over base,
15' aluminum mast, rotor plate and thrust bearing. $550
All hardware included.

Note: All equipment excellent to new condition and working.
All antennas working and dissembled for shipment.
Delivery of large items to local area included in price.
Prices and delivery are negotiable.
Inquire for price on complete package and local area info.

Would like to sell everything at once as complete package.

My location: south central Pennsylvania. Delivery approx 125 mi radius from my location

For inquiries Email: Jim, WB3J at 102753.105@compuserve.com

--
JRS

4363. What do you use for 900Mhz Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <48r0op$sju@news2.deltanet.com>
Source record: 210098

I've been unable to locate a good portable capable of the 902-928
Amateur band. I know it exists..... What do you use?
I'd prefer a Motorola/Johnson type commercial radio.
Please reply via e-mail.

Thanks and 73
-Mike

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Mike Krueger - KC6ZSF
mikek@deltanet.com

"Back up my hard drive!?!
I can't even find the reverse switch!"
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

4364. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: GCLL54A@prodigy.com
Message-ID: <48q63l$lvo@usenetp1.news.prodigy.com>
Source record: 210099

I am amazed at the number of hams who complain about the high cost
of ham equipment. Obviously, most of them must be newer hams, because
any of us who have been in the hobby for 15-20 years or more remember
what the price of ham equipment used to be. Back in the mid to late 70's,
my
dream rig was the Kenwood TS-820. I knew that I would have to do some
serious saving for that one, because it was just under $1K, and my groos
pay per month was less than that. It was big and heavy, but you could
take
it mobile if you bought the DC inverter for another $200.00 or so. It
had no
memories, or scanning capability. It had 1 vfo, but you could buy an
outboard VFO for another couple of hundred, so you could split VFO's for
working DX. I also got the bug for one of those 2m mobile radios a
little later.
Kenwood came out with their TR-2400 10 watt mobile radio, that was
synthesized! No memories, no scanning, no touchtone mic, and it was
about
the size of the new Icom 706. It was only $429.95 if you shopped around
a
little. How many of you would pay $400.00 for a 10 watt mobile with no
memories today? Not many, I would guess! You can buy 2m mobiles that
are not even in the same league for under $300.00 in 1995 dollars.
If you want to talk about coax cable, antennae, books, and other
items
related to ham radio, I won't argue the point. They have gone up a great

deal. But so have most other things we buy in our daily lives.

4365. Re: need info for ic-28a, mike gain pot

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: dhughes@efn.org
Message-ID: <48qo0g$i3k@mars.efn.org>
Source record: 210100

jxa3851@ucs.usl.edu (Andrus James) wrote:

>have recieved several reports of low and muffled audio for the
>icom ic-28a that i operate. am looking for
>
>1) manual source (prefered on the net)
>
>2) the location of the mike gain and deviation pots. have opened
> the cover and located 2-3 that look like the ones that i need
> but can not tell which are the correct two.
>
>73
>
>j (kc5jpf - lafayette, la)
>

Don't know if this will be much help, James. The Icom Instruction Manual doesn't show them in the top and bottom views of the chassis. The schematic shows one variable resistor, R89, that goes to Q20 which is Mic Mute. There may not be a separate resistor for deviation per se. I don't know for sure. I have owned two 25's and two 28's and have never found the need to mess with the factory settings, so proceed at your own risk.

Have you tried a substitute mike? Even if the deviation was a tad low, that should not account for the muffled audio. Hope you solve the problem soon. The Icom IC-28A and 28H are great little rigs. I only have the 28H now, but I will never sell it.

Dick Hughes
W7LVA

4366. Re: IC706 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov20.165009.12592@ke4zv.atl.ga.us>
Source record: 210101

In article <3695323.572.25177@kcbbs.gen.nz> steveg@kcbbs.gen.nz (Steve Grant) writes:
>Forgive me as I am kinda new to this but, I would like some info about
>the IC706. I understand that it will xmit on anything below 54Mhz?
>and 144-148Mhz?

Well, you can mod it for out of band operation, but it really can't
transmit *properly* everywhere below 54 MHz. The output filtering
is only good on HF, not on MF, LF, or VLF.

>What are its receiving ranges?

It will *tune* from 30 kHz to 200 MHz, but sensitivity isn't usable
throughout that entire range. There are mods to expand the frequency
range of usable sensitivity, but they basically stop around 165 MHz.

>And one other thing - why do you somethimes express frequencies in
>Hz and at other times in Metres? sound waves travel at the same speed
>all the time, so fo a given wavelength ie 2m the frequency will always
>be the same so why not stick to expressing it the same way?

Tradition. When we talk about amateur bands, we traditionally refer to
them by wavelength. When talking in more general terms, we'll usually
refer to the frequency range instead.

>Is the IC706 good as a scanner but has the ability to xmit as well?

No. It is a good transceiver that can also do a limited amount of
out of band scanning.

>ie does it recieve a wide range of frequencies?

Well, yes it does, but not all of them equally well. It's not designed
to be a scanner. It's designed to be an amateur radio transceiver, and
it's a pretty good one considering its size. It can be made to work after
a fashion outside the amateur bands, but that's not its primary purpose.

If you're interested primarily in a scanner, there are much better
purpose built scanners, with wider usable frequency range and better
scan programming capability, and for a lot less money. If you're primarily
interested in a good small amateur radio transceiver that can also receive
outside the amateur bands, then the IC-706 may be what you're looking for.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4367. Re: Suggestions for 2m mag-mount antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: wdr@world.std.com
Message-ID: <DICtB4.8vo@world.std.com>
Source record: 210102

Thomas Brockdorf <tbrock@execpc.com> wrote:
> lube@accessone.com (Michael D. Lubrecht) wrote:
> >I just bought my first ham unit, an Icom W31A, and would now like to hook
> >up a mag mount antenna on my truck for mobile operation. ...
^^^^^
> MFJ makes a 1/4 wave mag mount, it is $ 14.95. It works good in
> the city, near the repeaters. They also make a 5/8 wave, ...
> If I diddn,t want to spend a lot of money, I would get the MFJ
> 5/8 wave.

I took exactly this sort of advice from my ELMER who drives nice low cars.
You may like me decide you need both.

If this truck is a TRUCK, check the clearances of bridges & parkway
warnings before committing to having ONLY a 5/8wave. It's much easier to
flip a mag-mount with a 5/8-wave lever arm than with a 1/4 wave lever arm.
(2m*40in/m*5/8 = 50" whip) + coil + magnet + truck = tall.

My van stands stands 6'0" tall fully inflated and can squeeze into most
parking garages, and since it has windows & extra seats has passenger
plates is allowed on the local car-only parkways which have 10' limits
and 9'6" giraffe catchers on the ramps. However, those lowest giraffe
catchers clean my clock every time with the 5/8 wave, although the
bridge-tickler doesn't actually strike any bridges. If the 5/8 had a
shorter loading coil, it might just barely fit, but ... I think I'll be
getting an MFJ or R/S 1/4 wave for city driving and tuck the 5/8 wave
in the back for use out in the boonies when I need the gain.

(In the meantime, I've found *one* ramp I can use to get on for my morning
commute's alternate route if I angle it right, as long as I use the
center lane at the next turn!)

--
Bill Ricker, The Swamp-Castle Press "The freedom of the press belongs
wdr@world.std.com N1VUX to those who own one."--A.J.Lieberman

4368. Ham needs DOS help (file doesnt exist??)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <48qm89$k4j@newsbf02.news.aol.com>
Source record: 210103

I want to clean off my hard drive and rebuild it. But when I go to copy certain files from the HD to a floppy sometimes I get the "file does not exist" ....well, it looks like it exists to me! Also, while copying files out of one directory, once it gets to the last document, sometimes it will start copying files from OTHER directories as well! What in the world is going on? Am I doing something wrong...Any advice is appreciated.
-Mike KS4DA

4369. WTB 70cm module for FT767

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-20 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <48r0a3$4s9@news.cais.com>
Source record: 210104

Gene / KG7XD
scanware@sincom.com

4370. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <48tdl8$irq@news.iii.net>
Source record: 209805

Sorry Nick,
My Netscape doesn't know about tabs, so I sent 3 blank
postings.

NOW...

Why is it so expensive??? Why do you NEED such fancy stuff?
I am constantly building radio related stuff, which is missing the
fancy bells and whatevers, but it works! (Most of the time...)

Perhaps I'm too far gone on the OF route, but I built my rigs for many
years, I built my mobile power supplies for the tube type radios,
I built ...you get it... and still do. And every monday night I
encourage hams to come over and ... build!

When I just can't live without the new rig with all the bells,
then I realize it will cost me either an unreasonable amount of time,
or a health drain on my financial resources. Thats the choices you make.
Do you have more time or money? And PLEASE, don't get going on the worn
out line of "Ham radio equipment is SOO over-priced!".
IT ISN'T!!! In the last 38 years I've been a ham the prices have gone
down and the modern radios are very much better.

As for the cost of building...
I am today throwing out a truck load of stuff, because too many hams
don't want to be bothered with taking the time to learn, build, repair.
The price is right on monday nights!

I'm not saying you should build the fancy rig for the car, but antennas,
tuners, power supplies can be build (Better) for less than you can buy
them with a bit of forsight, and some planning, and patience.
I suspect your problem is... (Quoting from an actual request I got last
night...) "Do you have a spare (free) 20 amp 12 volt supply"...?
"No I don't want to build it..."

Again, prehaps I'm just too far gone an OF.

I hope you will read this as constructive.

Tom
WA1RHP

4371. FS 1.2GHz NEW REPEATER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <48tgda$1k2@kaiwan.kaiwan.com>
Source record: 209806

This is the ICOM Model 1220 Repeater Package.
It includes: The Repeater, Duplexer, Timers,
Power Supply and Manual. It is NEW in the box.
It has been bench tested and is perfect in condition.

New cost: $3,200
Your Cost: $2,500

Contact: Jim Champion N6UKN
(310) 534-2969

Thanks! (I'm posting this ad for him).
Tony WA6IGJ

4372. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <48u115$lnq@newsbf02.news.aol.com>
Source record: 209807

In article <48q63l$lvo@usenetp1.news.prodigy.com>, GCLL54A@prodigy.com
(Gary Judd) writes:

>They have gone up a great
>
>deal. But so have most other things we buy in our daily lives.
>

Hmm. You should restore cars, or drag race! Ham stuff is cheap and lasts a
long time.

Think about it a bit!

73 Tom

4373. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: us015794
Message-ID: <30B2AA11.1123@pop3.interramp.com>
Source record: 209808
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

In my neck of the woods, spam = phony HAM
Mike@aa2hs.com
http://www.aa2hs.com

4374. Re: Saber info wanted, please.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: CRobbins@SunBelt.Net
Message-ID: <48tp9d$3u6@news1.sunbelt.net>
Source record: 209809

In article <1995Nov19.095625.7892@lafn.org>, ab910@lafn.org (M. Davies) wrote:
>
>
>Hi all. Well I just go a Saber III in as-new condition for $750.
>Great!
>
> Now that I have the unit I need to know what those icons in the display
>mean and how best to set the programing EEPROM options. My first idea was
>to check out the Internet for an FAQ on the Saber due to the large number
>of hams using them. I have no manual so anything would help. Since
>radio success stories are a hams main topic of debate, I thought my
>search a logical one.
>
> Nope. I was wrong. There's nothing on the tech. aspect of the Saber on
>the net that I could find. Just ad's. I have no idea what all those used
>radios like mine are being used for without the right programing info.
>Door stops maybe.
>
> I do have access to a program and R.I.B.
>
>
>
>
>
>
>
> Thanks very much
>
>
> Matt Davies
Matt,

Not sure if you want to know how to program it or how to operate it....
You can get a manual for 10-20 buck or so.... They're not near as bad as a
System saber, but then again, I guess it's waht you ware used to/

CARL>
>
>
>

4375. MFJ 9406

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: cmassey@onramp.net
Message-ID: <cmassey-2111952243120001@dal28.onramp.net>
Source record: 209810

Can't ever seem to find a time the fone is answered at MFJ...is the new 6 mtr. radio out yet. Seems I read it would be awhile, but hoping it gets out by Santa time...\

Pse e-mail direct...

cleve...wd5bor

4376. Re: Hal P38 - Clover Solution for a Laptop ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: march@netcom.com
Message-ID: <marchDIEv64.48L@netcom.com>
Source record: 209811

In article <1995Nov21.090039.16489@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <332B0637@MHS> cowanr@isma8.monmouth.army.mil writes:
>>Is there anyone out there who uses the Hal P38 or knows anything about it?
>>How does it compare to the PK232 and Kam Plus?
>
> <snip-snip>
>All in all, I like it very much. I'm still working on my own DSP
>implementation of a QPSK system for HF, but the P-38 sets a benchmark
>for the current amateur state of the art in HF digital comms. The new
>German PACTOR II (available in the US from PacComm) also offers a lot
>of promise, and HAL's other Clover system, the PCI-4000, has more powerful
>DSP and one higher transfer rate, but both of those systems are much more
>expensive than the P-38. It is truly the DSP system for the average
>amateur (at least until we develop something better on one of the cheaper
>cards, such as those using the Analog Devices chipset).
>

I would like to do Clover using my Toshiba 2400 Laptop which the lacks the
internal slot to support the P-38 Card. By its name the PCI-4000 would
seem to require a PCI slot. Are there any Clover solutions based on
PCMCIA cards or which would communicate with the laptop via a serial or
parallel port ?

TIA

Marc Hall
march@netcom.com

4377. Re: Suggestions for 2m mag-mount antenna

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <48rhs9$hgc@ssi.syspac.com>
Source record: 209812

wdr@world.std.com wrote:

>Thomas Brockdorf <tbrock@execpc.com> wrote:
>> lube@accessone.com (Michael D. Lubrecht) wrote:
>> >I just bought my first ham unit, an Icom W31A, and would now like to hook
>> >up a mag mount antenna on my truck for mobile operation. ...
> ^^^^^
snip

>I took exactly this sort of advice from my ELMER who drives nice low cars.
>You may like me decide you need both.

>If this truck is a TRUCK, check the clearances of bridges & parkway
>warnings before committing to having ONLY a 5/8wave. It's much easier to
>flip a mag-mount with a 5/8-wave lever arm than with a 1/4 wave lever arm.
>(2m*40in/m*5/8 = 50" whip) + coil + magnet + truck = tall.

>My van stands stands 6'0" tall fully inflated and can squeeze into most
>parking garages, and since it has windows & extra seats has passenger
>plates is allowed on the local car-only parkways which have 10' limits
>and 9'6" giraffe catchers on the ramps. However, those lowest giraffe
>catchers clean my clock every time with the 5/8 wave, although the
>bridge-tickler doesn't actually strike any bridges. If the 5/8 had a
>shorter loading coil, it might just barely fit, but ... I think I'll be
>getting an MFJ or R/S 1/4 wave for city driving and tuck the 5/8 wave
>in the back for use out in the boonies when I need the gain.

I just purchased a Ford Explorer and am looking into installing my
FT5200 and DX70T.

I have a mag mount but it will definately be a tree trimmer. Also, I
park in a ramp garage at my office bldg. Not a real bunch of choices.
Therefore, I decided to forego the underground parking and give up my
garage here at home and use the mag. But, I can tip it when I DO want
to park inside. As to the DX70T, I am gonna 'gasp' _DRILL_ a hole in
the side (against the XYL wishes) and mount the Hustler mast on a ball
mount. What the heck, the Explorer is for off road and will get
scratches anyway.

GL

DX....Dean

4378. Signal One CX7A Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: john smith <jsmith@telebit.com>
Message-ID: <48rvd4$mfe@gemini.sunnyvale.telebit.com>
Source record: 209813

I have a pair of CX7A's one working and one that needs a power transformer. Does anyone out there have a spare? or know where I may purchase one for second radio. The Signal One/CX7A is a really NICE radio and if anyone knows production information, and where I can obtain any additional mods and/or schematics these would be appreciated....

thanks
John
KI4XO

4379. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: Daniel Calzaretta <pcrest@teleport.com>
Message-ID: <48rbap$2um@maureen.teleport.com>
Source record: 210014
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

I'm new to this. What does "spam" mean? Is it Italian or Latin for
something?

4380. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: Daniel Calzaretta <pcrest@teleport.com>
Message-ID: <48rbd7$34d@maureen.teleport.com>
Source record: 210015
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

I'm new to this. What does "spam" mean? Is it Latin or Italian for
something?

4381. Re: Ham-Equip Digest V95 #605

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: carleneh@styx.ios.COM
Message-ID: <Pine.3.89.9511201956.A8482-0100000@styx.ios.com>
Source record: 210016

Hi I am looking for 2M or/and 440 dual band radios. Mobils or otherwise.
Have a limited price range so Email me if you are looking to sell.
Carlene Hurlock N1UNG <carleneh@styx.ios.com>

4382. TS940S Firmware Upgrade?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: wme@austin.ibm.com
Message-ID: <48r8r0$nqq@ausnews.austin.ibm.com>
Source record: 210017

I recently noticed a bug in Kenwood's TS940S computer control firmware.
If you issue the AI command which requests status info to be sent
automatically whenever the xcvr status changes, and RIT is on with a
non-zero offset, the transceiver is slow switching to the transmit freq.
So, on CW for example, you'll get a short "blip" on the receive freq.
If you're operating CW in break-in mode, the signal sounds pretty ugly.
This can also happen when making read-only queries to the transceiver and
the query is being processed when the xcvr is switched to transmit mode.

Are there any updates to the original Kenwood TS940S firmware?

73,
Will Edwards, WA5WZA

4383. Re: Even my wife thinks hams are...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: wyantt@floating.ip.com
Message-ID: <48rg32$db5@allinux2.alliance.net>
Source record: 210018

In <48j44a$5i6@alterdial.UU.NET>, Burt Fisher <k1oik@ccsnet.com> writes:
>I received a call today from a ham who would not identify himself. I
>repeatedly asked him who he was, even saying to him that if he had an
>opinion worth anything it is reasonable to expect he state who he was.
>Still he he refused. I then commented that he was "so typical ham, no guts."
>My wife then told me to get off the phone and stop wasting time with
>gutless hams who hide behind their mikes. As I made one more effort to
>identify the caller, he hung up. He also made a veiled threat that bad
>things would happen to me, I retorted I might take it more seriously if he
>were not a gutless ham.
>
>This call is just so typical of hams, brave at a distance.
>

Why is it, AGAIN, that you speak for all of us?

I would appreciate an apology for those of us who DO NOT act this way.

4384. Kenwood TS 870 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: ea1au@ibm.net
Message-ID: <48qu7a$v44@news-s01.ny.us.ibm.net>
Source record: 210019

Hi There! Can any one there give any info about TS 870 by Kenwood?
Actually I�m using TS 940 and I will like to change it, it seems that
TS 870 could be the option.

Thank you in advance.

Carlos - ea1au@ibm.net

4385. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: Cal Eustaquio <ceustaqu@hertz.elee.calpoly.edu>
Message-ID: <Pine.ULT.3.91.951121074747.12984D-100000@hertz.elee.calpoly.edu>
Source record: 210020
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

Dan:
One meaning may be for "Society for the Presevation of Amplitude
Modulation." Otherwise, its a generic term for a meat product that was
invented during WW2 that is still put out in the market by Hormel (I think).

On 21 Nov 1995, Daniel Calzaretta wrote:

> I'm new to this. What does "spam" mean? Is it Italian or Latin for
> something?
>
>
>

4386. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: Jim Potter <jpotter@jpaw.com>
Message-ID: <30B26526.B2C@jpaw.com>
Source record: 210021
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

There's now "low fat" Spam. I think I'd expect the can to be empty.

--
James M. Potter, President E-mail: jpotter@jpaw.com
JP Accelerator Works, Inc. URL: www.jpaw.com/jpaw/
2245 47th Street Voice: 505-662-5804
Los Alamos, NM 87544-1604 FAX: 505-662-5210

4387. Phone Patch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: andrew_taylor@mindlink.bc.ca
Message-ID: <48r52a$s3m@fountain.mindlink.net>
Source record: 210022

Does anybody know where I can get ahold of a Schamatic for
a simplex Phone patch???

I would greatly appreciate any pointers in the right direction!!
73's

VE7ZXC
Andrew Taylor
andrew_taylor@mindlink.bc.ca

4388. Re: IC706 Audio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: sutliff@crd.ge.com
Message-ID: <48stoo$4mv@rdsunx.crd.ge.com>
Source record: 210023

wave@mindspring.com (Pieter Ibelings) wrote:

>Not quite. Changing the carrier frequency on TX allows you to select which 2.4KHz window of
>your voice you transmit.(if you are using a 2.4KHz IF filter). It is in essence a TX IF SHIFT
>not a XIT.

...

>The transmitted information is all the receiver has to work with. If there are frequencies missing the
>audio will sound unnatural no matter how you clarify it.

As a new ham eager to learn the details, I say thank you for your
explanation (I also have a IC706). Can you add what is done or can be
done with other equipment that gets around these limitations.

John Sutliff

4389. Re: IC706 Audio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <48rklo$vko@firehose.mindspring.com>
Source record: 210024

In article <DICwon.E2y@iglou.com>, n4lq@iglou2.iglou.com says...

>Yea, What is pinched up??? Changing the carrier frequency would be the same
>as changing the rit so your pitch is different.
^^

Not quite. Changing the carrier frequency on TX allows you to select which 2.4KHz window of your voice you transmit.(if you are using a 2.4KHz IF filter). It is in essence a TX IF SHIFT
not a XIT.

If your radio has an IF of (Fo) MHz and a Audio frequency response into the balanced modulator
of .1 to 3.0KHz then your DSB signal into the IF filter would look like this:

(Fo-3.0KHz to Fo-.1) (Fo) (Fo+.1 to Fo+3.0KHz)
LSB Sup. Carrier USB

^ ^
|_____________________________________|
2.4 KHz SSB Filter
Can be centered anywhere on this signal.

This signal goes into your SSB filter which is 2.4 KHz wide (IC 706).
Now, by changing the local oscillator frequency you can select which 2.4 KHz window of this signal
you actually transmit.
If you "park" the DSB signal right in the middle of the SSB filter, you would transmit 1.2KHz
of both LSB and USB as well as your suppressed carrier. A person on the receive end would not
be able to clarify this signal.Your signal would then look like this:

RF : (Fc-1.2KHz) (Fc) (Fc+1.2KHz)
LSB Sup. Carrier USB

All of the audio frequencies above 1.2 KHz have been lost and cannot be reconstructed no matter
how you tune the RIT on the receiver.

If we now put the lower left side of the filter at Fo+.5KHz we would transmit an USB signal consisting
of audio frequencies from .5 KHz to 2.9 KHz. (we have lost everything below .5KHz)

Placing the left side of the filter at Fo+.7KHz would transmit an USB signal consisting of audio frequencies from .7KHz to 3.1 KHz. (we have lost everything below .7KHz)

The transmitted information is all the receiver has to work with. If there are frequencies missing the
audio will sound unnatural no matter how you clarify it.

73's
AC4OP
Pieter Ibelings

4390. Re: Mods for Alinco Transceivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: Thomas Martin <tmartin@teclink.net>
Message-ID: <48rd5o$k2e@felix.teclink.net>
Source record: 210025

Try www.qrz.com they have quite a few mods. I have a DR-600 and found some for my rig there.

4391. Kenwood HT79 Mods/Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: Ralph Rinaldi <rinalda@hss.msmail.hsd.utc.com>
Message-ID: <1995Nov21.154700.11651@cronkite.res.utc.com>
Source record: 210026

Anyone heard any new info on the HT79? I am looking for Service Bulletins or Mods for 800Mhz. I have checked out the QRZ Web site and they have a file that is dated 9/94, but we were hoping there was more recent information available.

'73s Ralph

4392. Re: Any Yeasu FT-1000MP Reviews?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: "John T. Young" <jtyoung@u.washington.edu>
Message-ID: <Pine.PTX.3.91j.951121082041.26289A-100000@carson.u.washington.edu>
Source record: 210027

Kory, I had a chance to compare the Yeasu Ft-1000MP side by side with the Kenwood TS 870 at ARS in Seattle, switching instantly between rigs to listen to the same signals. For the extra $300 that the Yeasu costs, in my opinion it is a much better radio and worth the extra cost. It has 117 VAC or 12VDC operation options (i.e. built in ac pwr supply); the receiver appeared more sensitive to my ears and had better tonal qualities; the DSP provided more options and was much more user friendly, at least on the first tries. I did not compare the two transmitters in the rigs. The word out here is that the FT-1000D is still more of a radio than the 1000MP, but it's also over $1000 more expensive. I've got a Kenwood TS-850, which I love dearly, so I'm a Kenwood fan. But my next radio is going to be the 1000MP. Best luck with your new rig! 73 de John, KI7JB.

On Mon, 20 Nov 1995, Kory Hamzeh wrote:

>
> I'm giving some serious thought to purchasing the new Yeasu FT-1000MP hf
> rig, but I've not heard anything about it. Does anyone here have any
> opinions? Any real experience operating it?
>
> Thanks,
> Kory
> KE6VWO
>
>
>

4393. Signal One CX7A Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: john smith <jsmith@telebit.com>
Message-ID: <48rvf5$mfe@gemini.sunnyvale.telebit.com>
Source record: 210028

I have a pair of CX7A's one working and one that needs a power transformer.
Does anyone out there have a spare? or know where I may purchase one for
second radio. The Signal One/CX7A is a really NICE radio and if anyone
knows production information, and where I can obtain any additional mods
and/or schematics these would be appreciated....

thanks
John
KI4XO

4394. Re: IC706 Audio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov21.094016.16705@ke4zv.atl.ga.us>
Source record: 210029

In article <48r13f$liq@vixen.cso.uiuc.edu> "Charles Jack Hawley Jr."
<hawley@aries.scs.uiuc.edu> writes:
>OK. OK. Pinched up is where you put your forefinger on one side of your
>nose, your thumb on the other side, squeeze, and then talk. That's what
>you sound like on the air. If you like it that way, fine. The guy said: "I
>just bought a new IC706...how does it sound?" I said: "You sound all
>pinched up." He said: "Well how about now...I just set the carrier point
>to minus 200?" I said: "Uh..better, more like you, but still a little high
>pitched or pinched up." That's it. That's my whole IC706 experience.

Oh, Ok, I've got it now, lack of a deep ballsy resonant response. I'm not surprised that resetting the carrier point didn't result in natural speech either. The "problem" is the hand mike. It has a very "tailored" response, and won't let people with deep resonant voices sound very natural. But it sure helps intelligibility in a noisy auto, removing most of the road rumble. Icom sells an adaptor cable that'll allow you to use any of their 8-pin mikes on the radio. The SM-6 should make your friend sound more natural.

I've gotten unsolicited complements on how natural the audio of my IC-706 sounds, but then I don't have one of those big resonant radio announcer voices. Most Japanese don't either, which is why we keep getting these tailored response microphones on newly released radios. They sound good to the Japanese. After enough complaints filter their way back to Japan, they may alter the microphone response for the US market radios (Yaesu just did for the FT-8500). They seem to have to relearn that same lesson over and over again when they release a new microphone here. I'm also rather soft spoken, and I noticed I had to set the mic gain all the way to the top to get any ALC action. Putting the SM-6 I normally use on my IC-735 on the IC-706 nearly blew the ALC indicator off the scale. As Heil is fond of saying, the right microphone for your voice characteristics can make a huge difference.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4395. Re: J POLE ANTENNA PLANS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: burke_br@adcae1.comm.mot.com
Message-ID: <48t4si$in4@brokaw.comm.mot.com>
Source record: 210030

In article 7lg@newsbf02.news.aol.com, w8jitom@aol.com (W8JI Tom) writes:
}In article <48fc6g$nqk@brokaw.comm.mot.com>, burke_br@adcae1.comm.mot.com
}(Bruce Burke) writes:
}
}>}>7. Route the coax and tape it to the mast to make it look neat.
}>}
}>}He does not realize that the feed line can interact wit the stub,
}>}and therefore it should be brought out at a right angle.
}
}>The radiation point for this antenna is well above the feed. Attaching
}>the coax to the antenna changes little.
}
}That's not quite true. The stub still radiates a little in the far field,
}and is very intense in near field effects. Moritz is correct. If the
}feedline is mis-handled near the stub it can cause problems!

Sorry, not my experience, I have built several of 3/4 inch copper
pipe for emergency communications use and
have never had a problem. I tested each one extensively first.
The only time I would ever expect to see a problem is if:

1) Using a balun which actually upsets the feed as it will try
and force the currents to be the same in the stub legs, or
force the currents to be the same in the coax. (See below)

2) If the coax was routed up the antenna instead of down.

3) The dimensions of the antenna and stub are incorrect.

The antenna is cold at the bottom of the stub. by it's nature,
the stub should not radiate.
Currents are out of phase and radiation is cancelled.
Again I repeat, the radiation center for this antenna is at the center of
the half-wave section above the stub, although there will be some
leakage, it is minor. There is some asymetry to the pattern, but
again it is minor.
}
}>}Theoretically the J-Pole is an antenna which requires a *symmetric*
}>}feed. Using it without a balun does create problems, although not always
}>}noticed.
}>
}>This is not a balanced antenna and does not need a balun, it will only
}>introduce loss.
}
}It is an asymmetrical FEEDPOINT, and needs a balun or de-coupling of some
}form when used with any feedline.

You just contradicted yourself. Your last statement is true. It is asymmetrical, or unbalanced. If the feedpoint is asymetrical, the antenna system is. Besides, look at it, what is symetrical, there is nothing symetrical about this antenna. It is an end fed half-wave, no symetry here.

A bigger worry is inductive effects of the feed system. I found that using the coax as the "feed lines" limited the SWR floor that was obtainable. When I fashioned a bracket with a connector on the shield side and used 3/4 to 1 inch wide copper flashing or shim stock for the "center conductor," I was able to achieve a much better total SWR bandwidth for the antenna. Instead of having 1.5:1 in the middle and over 2:1 at band edges, I have 1.05:1 in the middle and 1.3:1 at the band edges. This also requires careful (tedious works here too) adjustment of the radiator length and the exact feedpoint tap on the stub. These details are very important. Just because this is an unbalanced antenna, doesn't mean you can ignore the feed system, indeed by doing a sloppy job here, you can increase your chances of stub radiation and feedline problems. Proper handling of the feed ensures that it is in harmony with the antenna.

It is also advisable to use quality coax. I use RG-400, which has a double woven shield. (RG-400 is an RG-58 size coax, which is also constructed using teflon insulation and dielectric. The wires are also silver plated. Yes, it is expensive!)

For those who would want to eliminate the last of the pattern asymetry it is necessary to have the stub constructed in a manner that surrounds the rest of the antenna. Like a quarter-wave sleeve choke. (beginning to look more familiar now?) Feed and adjustment becomes physically challenging though.

73,

Bruce
}
}73 Tom

4396. Re: Any Yeasu FT-1000MP Reviews?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: harp@bnr.ca
Message-ID: <48t5k1$hfi@nrtphba6.bnr.ca>
Source record: 210031

From: john.devoldere@eunet.be (John Devoldere)
Subject: TWO WEEKS WITH THE FT1000MP

TWO WEEKS EXPERIENCE WITH THE NEW FT1000MP

I have had the opportunity to evaluate one of the FT1000ZD rigs that are sponsored by YAESU to be taken along to the HEARD Island DX-pedition in November.

I have seen a few rumors about this new radio on Internet, but no "real life" reports, so this may be interesting to all of you.

The FT1000MP weighs only 15 kg (33 lbs) vs. (ask your back, it will remember) some 25.5 kg (51 lbs) for the FT1000ZD. Great! It has a switching mode power-supply (no bulky heavy transformer), and the PA voltage is 13 Volts (vs. 28 V for the FT1000D). Hence the 100 Watt output power. But nowadays you can drive two 3CX800's pants off with even much less than 100 Watts, so I do not see the 100 Watt power limit as a disadvantage.

The FT1000MP looks very much like the FT1000D. The two large VFO knobs are in the same place, as well as the band keypad. In the FT1000MP you can now individually select the IF filters in each IF (8.125 MHz and 455 KHz), just like in the TS-850. Five selectivities are provided: 250 Hz, 500 Hz, 2.0 KHz, 2.4 KHz and 6.0 KHz.

The FT1000MP not only has (like the FT1000D) a separate receive-antenna input, it also has two different transmit antenna outputs, selectable from the front panel (maybe good for something, don't know what yet...).

The good old analog moving-coil S-meter is gone. It had to happen some day. But now the sub-receiver also has a LCD-bar S-meter. Both are peak-hold meters, where the hold time can be adjusted from 0 to 2000 mS. Nice feature.

The display panel looks a little crowded, but shows a lot. You can (to a certain extend) even program what you show on the panel! It even has an RTTY/Packet tuning indicator, but that's just a gadget.

Lets' talk about what makes a good radio: a good receiver. The FT1000MP has three different RF amps stages! One is designed for the low bands (160, 80 and 40), and is optimized for strong signal handling. The second is optimized for noise-figure (maximum sensitivity) and is used on 24 and 28 MHz. The third amplifier covers the remaining bands. This third amplifier can also be selected to cover all bands. With the big 40 meter yagi pointed at the Eastern European Megawatts on 40, I did notice some difference between the "general purpose" preamp and the low-band optimized pre-amp. Even without IPO (which means switching off the pre-amp) or inserting

attenuation, I could not detect any trace of intermod on 40 using the special preamp. With the general purpose preamp, I could hear a slight trace of crud.

A vast improvement over the FT1000D is that you no longer have to turn a knob (the RX MIX) to switch from main to sub receiver audio. A small push-button (AF REV) does the trick. Simple but efficient.

Then there is of course DSP. YAESU calls it EDSP (Enhanced DSP ...). It works on the last IF, on the detector stages and on the audio stages on receive, and also on the microphone preamp chain on transmit.

On transmit one can select from four fifferent pre-emphasis curves. The cheap sounding hand-held mike that comes with the FT1000MP (sounds basy, hollow etc.) is turned into a Heil like mike with the EDSP. On the air tests confirmed that no difference could be found between my Heil boomsetr mike and the hand-held with EDSP!

On receive, there are two concentric knobs that control de DSP function. One selector allows you to choose between 4 different noise reduction algorithms (optimized for either random noise, QRN, man made noise etc.), while the other knob selects 4 filter options: band-pass, high-pass, low-pass or band-reject. The FT1000ZD DSP works at least as good as any of the external DSP filters I have so far used at my station, and is of course much more convenient to use, as it is controled by one of the microprocessors and automatically adjusts itself to the operating mode (CW, SSB, RTTY etc). The DSP of course also eliminates any number of carriers that may pop up in the pass band on SSB.

A very large number of operating parameters can be adjusted by the operator from the front panel by microprocessor control (similar to TS850). When doing so, the diplay panel shows the parameters in the frequency display windows, while adjustments are done by the two VFO knobs and the memory slector knob. Most of the parameters can be adjusted "real time". This for instance allows you to select the best audio pre-emphasis curve for your particular voice and microphone. You can also adjust the transmit-receive switching times to match you amplifier in QSK operation. Together with a good monitor scope this allows you to adjust the setup for fastest response without relay arcing. You can even shift the carrier position on the IF-filters to your taste! In total 81 parameters can be adjusted with this method.

Despite all of this, the FT1000MP still is a radio, and not a computer. If feels very much like the FT1000D, and its operating convenience is identical or even better.

The FT1000MP has a full-fledged CW keyer built in (full weight control, automatic letter spacing, number insertion for contests, and 10 message buffers). However, the control of these buffers is done from a keypad which is NOT provided with the FT1000MP, and which is not even an option (yet ??). But it is is very easy to construct, and details are given in the manual. One great improvement, is that the CW pitch is adjustable (in 50 Hz steps)

from the front panel (from 300 to 1050 Hz). Changing the pitch automatically changes the relevant frequencies of the DSP filters etc. (everything is "gang-tuned"). The FT1000MP now also has selectable sideband on CW (nice feature!), which was first introduced on the TS850.

The FT1000MP is excellent on the digital modes. The EDSP filters work very well on RTTY. All usual tones and shifts can be selected through the menu selection method as described above. The FT1000MP also has FSK input.

The connectors and pin-outs on the back of the FT1000MP are 100% compatible with what is used on the FT1000D. The transceiver also supports the digital voice keyer DVS-2.

The FT1000MP has a built-in level-converter for the CAT interface. A 9-pin (DB9) connector is provided for direct connection to a serial port of the computer. However, the instruction set for the FT1000MP is NOT the same as for the FT1000D. This means that the FT1000MP does not work with the current software programs that work well for the FT1000D. YAESU USA (Chip Margelli) is aware of this, and I have been told is working on it.

When you open the FT1000MP, it is amazing how much less crowded the radio looks than the FT1000D. The big wiring harnesses that connect the PC boards are gone. One small wiring harness is all what's left in the bottom compartment. Many boards are however connected with flex-prints. The new FT1000MP looks like a well engineered piece of equipment. The diecast aluminum front panel has been replaced with a plastic cast front panel, whick is likely to be more scratch resistant than the painted panel from the FT1000D. The styling is very nice, and follows the latest trend of curved lines and shapes that we witness in the car industry!

Conclusion: the FT1000MP is every bit as good or better than the FT1000D. It has a very quiet receiver, and the ESDP makes it even quieter! It produces excellent audio on SSB,and a very nice keying waveform on CW.

I am happy to see that the Japanese manaufacturers have reversed the trend of designing and producing ever more expensive radios. I have heard the price with all filters is in the $3,200 bracket, and I think this is the right price. At this price, the FT1000MP will soon replace the FT1000D at my station (also the OT5T contest station). Although YEASU does not see it as the replacement for the FT1000D (which they will continu producing), I am convinced the new FT1000MP will very rapidly replace the Ft1000D and other transceivers in many shacks!

No, this is not a YAESU add, but I cannot find anything wrong with the new radio, except that the CAT instruction set does not match the FT1000D's set. As long as that problem is not resolved, I will HAVE to stick to my old trusty FT1000D, although In wiched I could keep the radio in my shack. But as I know, this radio will probably give me a new one on 160 (Heard), I know it will serve a good purpose...

73

John, ON4UN

john.devoldere@box.eunet.be
Call us in all major 1995 contests: OT5T or ON4UN
John Devoldere (ON4UN-AA4OI)
POBOX 41
B-9000 Ghent (Belgium)

--- End of forwarded message from john.devoldere@eunet.be (John Devoldere)

Kory Hamzeh (kory@avatar.com) wrote:

: I'm giving some serious thought to purchasing the new Yeasu FT-1000MP hf
: rig, but I've not heard anything about it. Does anyone here have any
: opinions? Any real experience operating it?

: Thanks,
: Kory
: KE6VWO

I pulled this from somewhere before. My FT1000MP arrived last week.
--

****
* Alan Harp K4PB * Bell-Northern Research * CW FOREVER *
* mail: harp@bnr.ca * Research Triangle Park, NC * *
****

4397. Tek 604 CRT Display Diagram?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <48t6m1$10u8@lamar.ColoState.EDU>
Source record: 210032

I have a Tektronics model 603 CRT display unit. It has a little problem with with it's -30 volt supply (it's only -25.6 volts, manual sez -30 exactly) and the manual I have is a poor photocopy, missing some horizontal lines, etc.

Does anyone know where to get a better copy or even a real manual? I only need the diagram marked 'Low Voltage Power Supply/Regulators' and is a schematic of same. The bottom says (I think): "603/604 Rev H June 1976'.

havin' fun,
galen, KF0YJ

4398. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: raiar@inlink.com
Message-ID: <48t4ca$o4f@news1.inlink.com>
Source record: 210033

feliccia@unix3.netaxs.com (Nick Feliccia) wrote:

>Has anyone notice how DAMN expensive ham equipment is. Is it just me or
>is anyone out there also really discouraged. It is a wonder anyone gets
>on the air anymore. I was looking for a mobile HF rig, but any new equipment
>will set me back a grand or better. I work as an engineer but I don't
>have the cash to squander on something I will use a few hours a week at best.

>What can we as hams do nowadays about this? Do we turn to Homebrewing. I am
>an EE and I know what it takes to build something. If you have a nice variety
>of parts, etching facilities, a 20 MHz scope at least, in short a working
>electronics lab you can do it. Otherwiese I feel making anything but a
>groundplane is more trouble than it is worth. Do we hand someone we have
>never met at a hamfest a week's pay on a bet we'll get a rig that will last.

>Does this have something to do with the dollar/yen thing? Is drake still
>making trasmitters? I saw a reciever but no transmitters?

>These are all pertinent questions to the future of ham radio. What kind
>of hobby are we developing? Are we going to price ourselves out of existance?

>Lets have a good talk about this.
>73's
>Nick N3FKS

It's no more expensive than any other hobby!
My brother plays golf, do you know what a set of Ping's cost?

I have 2 2-meter HTs, work perfect $75.00 each.
the 2-meter mobile, 50 watts, $200.00
5 watt 440 HT 150 bucks.
6-meter rig 250 bucks.
HF rig, around 300 bucks new (when purchased) now worth about 150
bucks.

Not everyone has the "top-of-the-line" equipment.
Did you want to talk or show-off?

I would like a new car too, but they cost more than my house did, is
it worth it? I think not!

You only get out of a hobby what you put into it. If you only want to
be a weekend warrior, try paintball!

Gary - KG0ZP

4399. alinco dj-g5t

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: wakko@holly.colostate.edu
Message-ID: <48tj6f$112f@yuma.ACNS.ColoState.EDU>
Source record: 210034
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

does anyone, per chance, have the mod for the dj-g5t? I had a 580 and G1T, but there are no red and blue wire pairs in this new radio. Only a small blue wire that looks like it's jumping something.

thanks & 73

Al
KB0PYY

4400. Re: Ham needs DOS help (file doesnt exist??)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: oops@msg.ti.com
Message-ID: <48tldt$odc@tilde.csc.ti.com>
Source record: 210035

In <48sroj$81q@charm.magnus.acs.ohio-state.edu>, cgreenha@magnus.acs.ohio-state.edu (Christopher K Greenhalgh) writes:
>In article <48qm89$k4j@newsbf02.news.aol.com>, Mparkes <mparkes@aol.com> wrote:
>>I want to clean off my hard drive and rebuild it. But when I go to copy
>>certain files from the HD to a floppy sometimes I get the "file does not
>>exist" ....well, it looks like it exists to me! Also, while copying files
>>out of one directory, once it gets to the last document, sometimes it will
>>start copying files from OTHER directories as well! What in the world is
>>going on? Am I doing something wrong...Any advice is appreciated.
>>-Mike KS4DA
>
>Check the atributes of the files Mike. Some hidden, read-only, and system
>files will not copy if they are these types. To see the atributes, you can
>type ATTRIB at the prompt. If it goes by too fast, type ATTRIB | MORE.
>
>Lets say you find a hidden file called FRONT.GLP. To remove the hidden
>atribute, you would type ATTRIB FRONT.GLP -H.
>
>Hope this helps.

Mike,

Sounds to me that your hard drive is fragmented. In addition, there may be some cross-linked clusters (may help explain the copying from OTHER directory problem you describe).

Try running CHKDSK /F against the drive you question. In most cases, this will be able to repair the problem of cross-linked files.

73,
Mitchell Carson - KC5MKW
Texas Instruments

Std. disclaimer: I speak only for myself.

4401. MFJ 901B Manual?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: Larry Seiger <treetop1@wolfenet.com>
Message-ID: <30B1F1B3.68F0@wolfenet.com>
Source record: 210036

Hi all, I just bought a used MFJ 901B Versatuner and could use a copy of the manual. I will pay reasonable copy costs and postage.

Thanks much & 73

KI7JL in Yakima, WA

4402. FS: Kenwood TM-2570 2 Meter FM Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: turansky@xroads.com
Message-ID: <48slek$l68_002@news.xroads.com>
Source record: 210037

I have a Kenwood TM-2570A 2 meter FM tranceiver for sale. It comes with DTMF microphone, mobile mounting bracket, TU-7 PL tone board installed, service and operating manuals. The price is $275 firm which includes COD and shipping in CONUS. Conact me:

email turansky@xroads.com
phone (602) 554-2667 office
(602) 730-0683 home

73 de N7QFN
Walt

4403. Re: Hal P38

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov21.090039.16489@ke4zv.atl.ga.us>
Source record: 210038

In article <332B0637@MHS> cowanr@isma8.monmouth.army.mil writes:
>Is there anyone out there who uses the Hal P38 or knows anything about it?
>How does it compare to the PK232 and Kam Plus?

I have one. It won't do all the things a PK232 or Kam will do, but the things it does, it does better than either of them. Of course it does Clover, which neither of the others will do, and it does PACTOR, AMTOR, and RTTY as well. It doesn't do HF packet (no great loss), and it doesn't yet do GTOR (though that's promised as an upgrade), and it doesn't do Morse or VHF packet either. What it does is offer superb weak signal performance on HF. It often offers print on signals the others can't handle, and often on signals you can't hear. With the current crappy band conditions, I find Clover gets through when nothing else in common use can.

HAL has released an API spec so you can integrate the P-38 with other software than what they provide. It's a pretty good and complete API too, so it should be easy to adapt the P-38 to work with other software, for example a Linux driver shouldn't be hard at all. They do not offer internal card programming information so that you could add other modes to the unit, though a bit of careful reverse engineering can get that for you too. The internal DSP software is downloaded from the PC on startup, so you don't have to swap or burn ROMs to change the DSP performance. In principle, adding Morse or packet functionality should be possible.

The card does not use interrupts to communicate with the host, however, and that could pose some limitations on what you can do with it. Your program has to poll the buffer periodically to see if there are characters or status information pending for you. This is to some extent an advantage in the interrupt starved PC architecture, and HF data rates aren't so high that polling imposes much of a penalty, and the on card buffer is large so you don't have to poll often to avoid overruns. The actual protocols are implemented on card, so your application only has to deal with the qualified data streams in and out of the card.

The provided software is generally good. The on-screen tuning indicator is particularly easy to use. There are a few quirks that are irriating, however. The unit really should be able to automatically identify the mode and speed of signals it receives and adapt on the fly. It doesn't, however, and you have to flip flop in and out of the command menus for things like RTTY baud rate and sense, and whether the data is Baudot or ASCII. It also won't automatically switch between PACTOR and AMTOR, but it should be able to do that by analyzing the received signal. Clover operation requires downloading a different software module to the card, but that's not a big deal, the program handles that for you

rather effortlessly when you select Clover operation from the menu. Naturally, the Clover implementation is much more throughly thought out, and works very smoothly.

Clover can really fly too. The qualified data transfer rate can be much better than PACTOR or AMTOR. Clover also allows quasi-full duplex operation. You never need to do an "over" as you do with AMTOR and PACTOR. Data flow direction and control is fully automatic. The protocol adapts moment by moment to channel conditions. Once you make a link, it'll hold onto it tenaciously as long as there's any signal left to work with at all. Your radio does need good frequency stability, however, a 10 Hz tuning error will cause the link to resync. Ideally, your radio should offer 1 Hz tuning steps, and you should make any tuning corrections *very* gradually.

Because of the four overlapping carriers of Clover, which need a fairly phase linear passband, HAL recomends you operate your radio in LSB when doing Clover and let the DSP handle selectivity. But I find that doesn't work so great. Strong signals in the voice passband pump the radio AGC and cause the DSP heartburn. I've found that the Icom FL-100 500 Hz filter works super with the Clover waveform, and keeps most of that off channel trash from bothering the radio (I'm using an IC-706). I can also use the PBT of the IC-735 to achieve a similar effect. The relatively coarse tuning step size of the IC-735 does make tuning a bit touchy, however.

All in all, I like it very much. I'm still working on my own DSP implementation of a QPSK system for HF, but the P-38 sets a benchmark for the current amateur state of the art in HF digital comms. The new German PACTOR II (available in the US from PacComm) also offers a lot of promise, and HAL's other Clover system, the PCI-4000, has more powerful DSP and one higher transfer rate, but both of those systems are much more expensive than the P-38. It is truly the DSP system for the average amateur (at least until we develop something better on one of the cheaper cards, such as those using the Analog Devices chipset).

If you must have HF/VHF packet, or Morse capability, then the P-38 isn't for you. But if you want really good turnkey HF digital capability in Clover, PACTOR, AMTOR, and RTTY, then it's just the ticket. In principle, there's no reason VHF and satellite modems couldn't be implemented on the P-38, but that hasn't been done yet, and given HAL's slant toward HF, probably won't be done by them. AEA has just released a new DSP product that's competitively priced, we'll have to see how that measures up to the P-38.

There are other DSP platforms available for the developer. Notable are the TAPR DSP card, and the various chip manufacturer's evaluation modules, such as the Analog Devices EZLITE product (at $89 a steal). And there are some soundcards with DSP on board that can be used. I've recently found a very good one. It is the IBM M-Audio Capture and Playback Adaptor, IBM p/n-92F3378. This is a card manufactured for IBM by Tecmar which has recently shown up in surplus channels. It has the TMS320C25 on board, and a very good direct dual port memory

and interrupt structure for tightly coupling it to the host. The
included manual offers enough detail to allow you to write your
own DSP applications for the card. A local surplus house was selling
them for $25 (all gone now, don't ask). Check your local outlets
and you may find them there too.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4404. Re: DRAKE TR-3 MANUAL HELP!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: morourke@newsserver.gmr.com
Message-ID: <951121121122@re3mjo>
Source record: 210039

In article <4806ru$g7u@isis.fiu.edu> rmilla01@solix.fiu.edu (richard j millard) writes:

Hi,
I'm looking for service/user manuals for the Drake TR3. I will pay for
copying/postage. Thanks.

73,
Richard Millard, KF4EKF
rmilla01@solix.fiu.edu

Richard,
I have a TR3, be glad to copy and send to you.
What is your snail mail?

73, Mike AA8W

4405. RTCM 104

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: david@lama.stanford.edu
Message-ID: <48t6pp$f0t@nntp.Stanford.EDU>
Source record: 210040
Cross-posted to: sci.geo.satellite-nav,rec.radio.amateur.misc,rec.radio.amateur.equipment

Can someone explain RTCM 104? Is there a generic source
for RTCM104 recievers?

Thanks,

Peter David

4406. Re: Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: muehlber@plains.nodak.edu
Message-ID: <48t3tr$1mk@daily-planet.nodak.edu>
Source record: 210041
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

David Stockton (dstock@hpqmdla.sqf.hp.com) wrote:
: Burt Fisher (k1oik@ccsnet.com) wrote:

: : Then why do I get frequent messages that appreciate my comments?

: Is this the first contact with non-human sapient entities ?

: Or is someone going to suggest that any message that likes Burt's
: humour..... No, who would be so cruel ?

: Cheers,
: David

It's unfortunate that this tirade must continue. Even more unfortunate
that our younger readers must be exposed to this behavior by, I assume,
adults. I do not know Mr. Fisher, and even if I did, I would not comment
about him on the net. Making personal attacks on people in public is
just plain tacky. Do I sound like your mother? Well, yes. There is an
absolute right and wrong. You are wrong. God gave us free will, though,
but some still dont know what to do with it. I'll pray for you.--
****
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SUPPORT YOUR MILITARY PERSONNEL +++ Jim Muehlberg MUEHLBER@PLAINS.NODAK.EDU
****

4407. 706 vs Yaesu 900 observations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: "Joseph H. Wilkowski" <jhw.dtfe@xerox.com>
Message-ID: <1995Nov21.172821.20314@news.wrc.xerox.com>
Source record: 210042

Folks, I have tried to retieve earlieer articles about the 706 and have no luck. (maybe its the browser) I see that there was a lot of buzz about the 706 but nothing at all about the 900. Looking for observations, please or if you have copies of reviews or opinions I would be interested. I have a couple of reservations about a rig that is dc to daylight (706) but its hard to get info from folks...

tnx in advance//

73's

/joe k8fc

4408. I need a 2 meter radio Cheap

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: gregg4111@aol.com
Message-ID: <48tthq$k88@newsbf02.news.aol.com>
Source record: 210043

Hello there

Is there anyone out there selling a 2 meter portable radio. I am looking for A somewhat nice radio. Although I am on a tight budget so if you are selling one fairly cheap that would be nice also.

If possible please e-mail me back on here.

Gregg4111@AOL.COM

Thanks, I appreciate it..

N9UCC

Gregg4111@aol.com

4409. Re: What do you use for 900Mhz Ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: U40241@uicvm.uic.edu
Message-ID: <95325.222407U40241@uicvm.uic.edu>
Source record: 210044

You might, if you are hamdy, use a 440-450 portable with 900mhz rx ability--e.g., th-78a. Open the tx range to 9xxMhx /2= 45xMhz. Then build or buy, and attach a frequency doubler to the bnc antenna jack between the rig and 900 Mhz antenna. I'm guessing Mini-Circuit Labs has these and if so will sell via phone with plastic money. Check and shield inappropiate radiation at 45x.

Or, take an FT-911, open the cpu limits, tune progressively from 1200 to 900 Mhz. As power drops out, tweak the vco slug to lock in and continue process down to 900. Then adjust ant. tank "coils" and antenna whip for resonance at 900 ham band. Let us know if it works. K9ZAT

4410. Help With ge mastr 440 re

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <816944286.AA04327@hamlink.mn.org>
Source record: 210045

ED>From: Eric DeWitt <edewitt@nmia.com>
ED>Look for the line that is labeled Vol/SQ/HI. This should get you good
ED>flat audio from the receiver.

Hi Eric.
Sorry, but the Vol/SQ/HI line in NOT de-emphasized. It is audio from
the discriminator that is amplified to feed the volume and squelch
controls but the audio de-emphasis circuit is if AFTER the volume
control in the audio IC.

But I agree this IS the best place to get receiver audio. You get
anything up to several volts pk-pk audio, enough to drive anything.
Just keep the new circuit above 20k to minimize loading on the pin.

To get your 6 dB per octave de-emphasis all you need is a resistor in
series with the audio and a capacitor to ground after the resistor.
Chose the resistor and capacitor so that [(1/ freq) = (R*C)]
If I want to start my de-emphasis curve at 200 Hz then:
1/200 = .005 = (.1 meg * .05 mfd) = (100k * .05mfd)
To start de-emphasis at 400 Hz another option is:
1/400 = .0025 = (.05 meg * .05 mfd) = (50k * .05 mfd)

I'd use a 100 k resistor in series and a .05 mfd (or .047) capacitor to
ground. If you don't have a .05 capacitor, run the numbers again and
chose a different resistor. You can start the de-emphasis curve
anywhere you want but the lower the frequency you chose, the lower the
final audio voltage will be and you may find you loose too much level.
Note that 100k in series makes this a high impedance circuit. If the
next stage is low impedance maybe 50k and .1 mfd would work better for
you. You can also put the RC network in the feedback loop of an opamp.

For receiver COR, I like the CAS pin. It gives a fast rise time signal,
0 volts squelched and 9 volts unsquelched, that includes CTCSS detect
from the GE tone card. Removing the tone card or pulling the tone
disable line allows carrier only operation.

The original question regarded where to connect a repeater controller
and IDer into a repeater chassis. I didn't respond to that message
because I don't have any direct experiance with those models. On the
transmit side, I just use the normal MIC HI input for TX audio and the
CG HI input to inject CTCSS tone. KF0FX had found that disconnecting
the 200 ohm resistor and 22 mfd capacitor on pin 11 of U101 (the mike
amp IC) removed the mike voltage from the MIC HI input and also improved
the sensitivity and frequency response of the transmitter. On the UHF
exciter boards there may be a jumper (H8 to H9) at pin 11 that can be
cut. On VHF exciter boards I cut and jumpered the trace to open pin 11.

But again, I haven't worked with any repeater models of MASTR II. I would expect an easily available connection for all control signals but I don't have that info. Hope this helped.
73's.

Doug Reed, N0NAS email: doug.reed@hamlink.mn.org

* SLMR 2.1a * Back Up My Hard Drive? I Can't Find The Reverse Switch!

4411. Re: Standard 568A recovery?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: lkraft@aa6lk.rose.hp.com
Message-ID: <DIEu76.MBq@icon.rose.hp.com>
Source record: 210046
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.scanner

Michael Fogarty (mfogarty@netcom.com) wrote:
: > A new tribander is out from Standard: the 568A. It receives a surprising
: > array of frequencies, including 800-1300MHz. Does anyone know of mods
: > for recovering the interesting parts of the 800 realm? I've checked
: > Oakland and can't get through to AD4HL's BBS (at 615-537-6051).
: >
: > Does anyone have one of these radios? What do you think?

Yes, and the image rejection on the 800-999MHz band is so poor
that you can receive the "blocked" part of the 800MHz band by
tuning the radio to (desired frequency) + 46.1MHz.

: >
: > I'd also like to get a general feeling for what people think about the
: > Standard brand.
: >

I like it's size (not too big, not too small). The DTMF encoder
allows direct entry of digits 0-9,#, and *, but not A,B,C, or D.
You can program these digits into one of six DTMF sequence memories
though.

I've had mine for several months. Works fine, but the tiny
"3-band" antenna supplied doesn't work worth a darn on 2-m.
And 35mW on 1280 is useful for only the most local 1280
repeaters (and as a signal source for testing).

: > In the market,
: > Mike

Regards,
L

==========
Lyle Kraft AA6LK
########################## Hewlett-Packard
####### /_ _ ####### System Interconnect Lab -
/ / /_/ ###### Information Networks Division
####### / ####### Roseville, CA 95747-5601
########################## 916-785-5798 FAX 916-785-2875
lkraft@core.rose.hp.com
==========

4412. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: butch@apollo.wes.army.mil
Message-ID: <48tgjl$jeg@prop.wes.army.mil>
Source record: 210047

I used to say the very same thing Nick,...way back in the late '50s and early '60s.....It was not only expensive (for me), but, it was big, heavy ran hot, wouldn't stay on frequency, and 'din have no bells and whistles. Life is a bitch Nick.

Butch KF5DE

4413. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <48sjh5$11i9@ns3-1.CC.Lehigh.EDU>
Source record: 210048

In article <48gnog$ep4@netaxs.com>, feliccia@unix3.netaxs.com (Nick Feliccia) wr
ites:
>
>Has anyone notice how DAMN expensive ham equipment is. Is it just me or
>is anyone out there also really discouraged. It is a wonder anyone gets
>on the air anymore. I was looking for a mobile HF rig, but any new equipment
>will set me back a grand or better. I work as an engineer but I don't
>have the cash to squander on something I will use a few hours a week at best.
>
>
>What can we as hams do nowadays about this? Do we turn to Homebrewing. I am
>an EE and I know what it takes to build something. If you have a nice variety
>of parts, etching facilities, a 20 MHz scope at least, in short a working
>electronics lab you can do it. Otherwiese I feel making anything but a
>groundplane is more trouble than it is worth. Do we hand someone we have
>never met at a hamfest a week's pay on a bet we'll get a rig that will last.
>
>Does this have something to do with the dollar/yen thing? Is drake still
>making trasmitters? I saw a reciever but no transmitters?
>
>These are all pertinent questions to the future of ham radio. What kind
>of hobby are we developing? Are we going to price ourselves out of existance?
>
>Lets have a good talk about this.
>73's
>Nick N3FKS
>
>
Yes Nick Drake is still in business outside the Columbus Ohio area. I do
not belive they make transmitters anymore. However the old Drake twins
seem to be in plentiful supply. I have the R4/A and R4/C along with the
T4/X and these are versitle rigs. They can run on the WARC bands with as
little effort as adding a crystal to the accessory socket. I run mine on
the WARC Bands with good success. Basically the old 4 line was packaged up
with a white case and sold as an government embassy communications rig.
These old work horses are really great quality and mostly feature point to
point hand wiring. No I do not work for Drake.

73's Dick K8WHA>

4414. For Sale: Kenwood TS-520s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: Daniel Calzaretta <pcrest@teleport.com>
Message-ID: <48sqbp$8lb@maureen.teleport.com>
Source record: 210049

For Sale: Kenwood TS-520s with matching speaker, CW filter, MC-50 mic and keyer. Price $350 plus shipping.

Dan
N9BCC

4415. >> >> NEEDED: UT-49 code-squelch/paging board for Icom handheld << <<

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: 2WSK000@gc.maricopa.edu
Message-ID: <01HXVSQTSSEG000RYW@gc.maricopa.edu>
Source record: 210050

Through this net I have recently acquired an Icom IC-3SAT handheld. The set
is missing the UT-49 Touch-Tone (DTMF) code-squelch/paging board, which I
will need to help ham communications with my soon-to-be-licensed wife.

It's OK with me if either your board was purchased and never used, or used
but removed and saved when the set in which it was installed was sold.
If the board works and the price is reasonable, I'm interested.

I will be looking forward to e-mail from any of you who can help.

Thank you.
Steve N7AJP/Phoenix 2WSK000@gc.maricopa.edu

P.S. I have for sale or trade a spare CTCSS (PL-transmit) board (UT-51)
for that same series of small Icom handheld transceivers.

4416. Kenwood TH79 Mods/Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: Ralph Rinaldi <rinalda@hss.msmail.hsd.utc.com>
Message-ID: <1995Nov21.162619.11947@cronkite.res.utc.com>
Source record: 210051

Has anyone heard of any new mods or info for the Kenwook TH79? I have checked the QRZ Web pages for info, but the latest info is dated 9/94. Does anyone know of any service bulletins or 800MHz mods or codes?

Thanx ....73's Ralph

4417. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <48tckt$irf@news.iii.net>
Source record: 210052

Hi Nick!

4418. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <48tcl2$iro@news.iii.net>
Source record: 210053

Hi Nick!

4419. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-21 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <48tcl2$irn@news.iii.net>
Source record: 210054

Hi Nick!

4420. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: dougrand@i-2000.com
Message-ID: <48tp5c$h4n@i-2000.com>
Source record: 209814
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

Cal Eustaquio <ceustaqu@hertz.elee.calpoly.edu> wrote:

People used (perhaps still do) spread it on bread .. Hence spaming -
or spreading..

xxDan:
xxOne meaning may be for "Society for the Presevation of Amplitude
xxModulation." Otherwise, its a generic term for a meat product that
was
xxinvented during WW2 that is still put out in the market by Hormel (I
think).

xxOn 21 Nov 1995, Daniel Calzaretta wrote:

xx> I'm new to this. What does "spam" mean? Is it Italian or Latin
for
xx> something?
xx>
xx>
xx>

4421. For Sale: Misc. Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: BILL.FLETCHER@mail.admin.wisc.EDU
Message-ID: <FBLI4317.FBLI4330@mail.admin.wisc.edu>
Source record: 209815

to:Ham-equip@ucsd.edu

I have for sale some various items:
A TET, model HB43SP, tribander
RCA lowband Pesonalfone 50 and highband Personalfone 150
RCA UHF handheld Type PSOTDLFCC
Motorola MH-10, HT-200, HT-220
All these old radios need crystals
70 mhz duplexer

I live in Madison, Wisconsin, so some items are too big to ship. So if your interested, I'll be checking my e-mail on Sunday.

73, Bill AF9B

4422. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <48u28f$t3a@cc.iu.net>
Source record: 209816

In <48gnog$ep4@netaxs.com>, feliccia@unix3.netaxs.com (Nick Feliccia) writes:
>
>Has anyone notice how DAMN expensive ham equipment is. Is it just me or

go do the research. price out something like a Drake 4 line in 1972 and then
apply correction for inflation and see where you end up.

also go price the commercial rigs...go look what Collins got for a KWM-380 in 1979.

>Does this have something to do with the dollar/yen thing? Is drake still
>making trasmitters? I saw a reciever but no transmitters?

just receivers...at $2k for a transceiver, there's not much profit to be made today.

>These are all pertinent questions to the future of ham radio. What kind
>of hobby are we developing? Are we going to price ourselves out of existance?

the initial radio the average ham today acquires is something like a single band
HT for under $400...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4423. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <48u2qs$t3a@cc.iu.net>
Source record: 209817

In <48gnog$ep4@netaxs.com>, feliccia@unix3.netaxs.com (Nick Feliccia) writes:
>Has anyone notice how DAMN expensive ham equipment is. Is it just me or

also farther down the message list were a few radios for sale like TS-520's and such...around $500..pretty good deal it sounds like on the surface..

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4424. AES DCI 2M Helical Resonator Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: daniel@pandora.lugs.po.my
Message-ID: <48u1nq$h14@lantana.singnet.com.sg>
Source record: 209818

Hi,

I understand that AES sells a helical resonator filter for 2M
and was wondering if anyone here has had any experience with it. I would
really appreciate any advise. Thanks.

Meanwhile, I ordered the Tucker TF-144 IMD filter. Well this is
not a cavity type filter as some had informed me. It is in fact quite a
regular 3 pole inductor/capacitor arrangement. The loss through the
filter is pretty high (3-6 dB). However, it does work, perhaps due to the
attenuation. The real problem is not so much with the electrical design
but with the physical design of the filter. It uses a small relay to
switch over from RX to TX bypass. The problem is that this arrangement
presents quite a high SWR to the TX. In fact when the filter arrived there
was a small mistake in the assembly which meant that the filter was
permanently connected to the TX line. This resulted in even worse SWR
and led to the PCB almost melting at 50W. A look at the PCB revealed the
mistake but the SWR, although much lower now, is still fairly high. I must
say I am a little bit disappointed with this filter but at least it *sort
of* works. Yes, the IMD is gone mostly but I could have done that with an
attenuator. Ah, well.... so if anyone can tell me about the AES filter, I'd
be most pleased. Thanks.

73 de 9V1ZV Daniel

Daniel Wee | daniel@pandora.lugs.org.sg
9V1ZV | daniel.wee@f516.n600.z6.fidonet.org

4425. Kenwood 742A question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: mattstr@primenet.com
Message-ID: <48tv3v$lqt@nnrp3.news.primenet.com>
Source record: 209819

Does anyone know how to perform the modification that lets you listen
to 800 Mhz band on the 742A?? Any help would be appreciated.

Thankx
Mattt

--

---
mattstr __ __ ____ ___ ___ ____
mattstr@primenet.com /__)/__) / / / / /_ /\ / /_ /
/ / \ / / / / /__ / \/ /___
/---

4426. 572B TUBES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: USCG TELECOMMS <gttm@cais.cais.com>
Message-ID: <Pine.BSI.3.91.951122081254.23572A-100000@cais2.cais.com>
Source record: 209820

I need a pair of 572B's for an old SB-200 amplifier. What is the best
and cheapest source for these tubes?

4427. IC 706 Remote head.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: pieter.ibelings@sciatl.com
Message-ID: <48vaef$ecc@stealth.mindspring.com>
Source record: 209821

Has anyone tried opening the IC-706 remote head? Do I need to remove the screw that is under the caution sticker? I would like to know if there are any diodes in the head that can be used to limit the vhf side of the radio.

73's
Pieter Ibelings
AC4OP

4428. FT-530 CTCSS tone level?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: Btenison@cris.com
Message-ID: <48vdvv$svh@spectator.cris.com>
Source record: 209822

Hi All! Our local repeater recently went CTCSS and we noticed that my FT-530's tone level is way low. (It takes the local repeater >500ms to decode it. I'm just wondering if there is an adjustment somewhere in the rig that we can get to to set the level... I've either lost the schematics to the rig (or it never came with any, memory is slipping these days.) I guess if I need to we can send to the factory for an alignment (but would rather do that here.) Any info is greatly appreciated!
73/Bruce

--
==========
| Bruce Tenison |
|Internet: btenison@cris.com or maf00267@ns1.maf.mobile.al.us |
| ax.25: ke4njb@w4iax.#mobal.al.us |
| or ke4njb@ke4njb.ampr.org |
| or btenison@ke4njb.ampr.org |
==========

4429. Is ADI a good radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: rdeane@unixg.ubc.ca
Message-ID: <rdeane.1.000F72D0@unixg.ubc.ca>
Source record: 209823

Is the ADI radio as advetised in QST a good radio???
The local dealer says it's a standard clone.
And is the price of $279.00 (canadian) a good price for the handheld????

73's VE7FRF

4430. Re: 572B TUBES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <48vjo2$dpq@mksrv1.dseg.ti.com>
Source record: 209824

I would call RF Parts Company. See any QST for their ad / address.
I've bought tubes and RF transsitors from them in the past. Good
prices, reasonably fast service. Free catalog.

HOWEVER... I'd avoid the Chinese-made 572B's. They will NOT work
well in laying-on-their-side service like the SB-200 requires.
The internal structure is weak, and after they heat up well, the
structure -may- sag and cause an internal short... and BOOM!

73 de KC5NG

4431. Re: 572B TUBES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: harris.pander01@ic1d.harris.com
Message-ID: <harris.pander01.51.30B34A9A@ic1d.harris.com>
Source record: 209825

In article <Pine.BSI.3.91.951122081254.23572A-100000@cais2.cais.com> USCG TELECOMMS <gttm@cais.cais.com> writes:
>From: USCG TELECOMMS <gttm@cais.cais.com>
>Subject: 572B TUBES
>Date: Wed, 22 Nov 1995 08:18:43 -0500

>I need a pair of 572B's for an old SB-200 amplifier. What is the best
>and cheapest source for these tubes?

I can't speak to levels of quality. But I did call RF Parts' 800-number this week to price 572B tubes. They are offering 3 "grades": Svetlana (Russian) = $140/pair; RF Parts brand = $105/pair; cheap imported (whatever brand is on-hand today) = $86/two, sold as unmatched singles.

BTW, as of this past Monday, all they had in-stock were the cheap ones.

****
*** Paul Anderson ***
*** E-mail: pander01@harris.com ***
*** Amateur Packet: AB4VA @ KD4WLE.#MLBFL.FL.USA.NA ***
****

4432. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: harp@bnr.ca
Message-ID: <harp.59.0@bnr.ca>
Source record: 209826

In article <48sjh5$11i9@ns3-1.CC.Lehigh.EDU> a313@Lehigh.EDU writes:
>From: a313@Lehigh.EDU
>Subject: Re: Ham equipment is so damn Expensive.
>Date: 21 Nov 1995 08:17:25 -0500

snip

> Yes Nick Drake is still in business outside the Columbus Ohio area. I do
> not belive they make transmitters anymore. However the old Drake twins
> seem to be in plentiful supply. I have the R4/A and R4/C along with the
> T4/X and these are versitle rigs. They can run on the WARC bands with as
> little effort as adding a crystal to the accessory socket. I run mine on
> the WARC Bands with good success. Basically the old 4 line was packaged up
> with a white case and sold as an government embassy communications rig.
> These old work horses are really great quality and mostly feature point to
> point hand wiring. No I do not work for Drake.
>
> 73's Dick K8WHA>

Aren't they still in Miamisburg outside of Dayton? Has Columbus grown
that much?

****
* Alan Harp K4PB * Bell-Northern Research * CW FOREVER *
* mail: harp@bnr.ca * Research Triangle Park, NC * *
****

4433. Re: CW Filter 250 or 500hz???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: harp@bnr.ca
Message-ID: <harp.61.0@bnr.ca>
Source record: 209827

In article <48qeb6$jm@pcnet2.pcnet.net> nema@pcnet.com (Richard Lubash) writes:

>From: nema@pcnet.com (Richard Lubash)
>Subject: CW Filter 250 or 500hz???
>Date: 20 Nov 1995 17:36:38 GMT
>I wish to buy a narrow band filter for my Yaesu Ft900 they offer a 250
>or 500hz filter I work 40 meters at night which is kind of a QRM jungle
>does anyone have a recomendation.
>
>Thanks in advance
>Richard
>N1VXW

I would choose the 250. No contest!

****
* Alan Harp K4PB * Bell-Northern Research * CW FOREVER *
* mail: harp@bnr.ca * Research Triangle Park, NC * *
****

4434. Re: Standard 568A recovery?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: desman@world-net.sct.fr
Message-ID: <desman-2211952231110001@client137.sct.fr>
Source record: 209828

In article (Dans l'article) <30B10FA3@SmtpGate.Oen1.Oen.Siemens.De>,
guenter.koellner@oen.siemens.DE (Koellner, Guenter) wrote (�crivait)�:

> Hello there,
>
> I also own a Standard C568. I also own the service manual. I am very
> satisfied with the radio.
>
> Receiver is wide on all bands. Its able to scan the (european only?)
> 930-932-phone-area. RX sensitivity on 23cm is also good.
>
> For 23cm I use a power amp designed for a packet radio interlink tranceiver,
> it boosts up to 15W and is easy to be built.
>
> vy 73, Guenter, DL4MEA@DB0KCP.#BAY.DEU.EU (AX.25)
> KOELLNER@SCN.DE (Internet)
> HTTP://WWW.SCN.DE/~KOELLNER (WWW)
> UO-22, KO-23 & KO-25 (Pacsats)

Where have you buy your Standard. Can you give me the adress, i want to buy some
accesssory for my C5608D

4435. Re: I need a 2 meter radio Cheap

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <48u8ip$e6@cc.iu.net>
Source record: 209829

In <48tthq$k88@newsbf02.news.aol.com>, gregg4111@aol.com (Gregg4111) writes:
>Is there anyone out there selling a 2 meter portable radio. I am looking
>for A somewhat nice radio. Although I am on a tight budget so if you are
>selling one fairly cheap that would be nice also.

sounds like another htx-202 sale waiting to be made...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4436. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: us015794
Message-ID: <30B3675A.3FA2@pop3.interramp.com>
Source record: 209830
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

In my neck of the woods "spam" = phony HAM.
Mike@aa2hs.com

4437. Re: THE biggest THE ham THE problem.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: aranders@kosepc01.delcoelect.com
Message-ID: <48vu6u$a1i@kocrsv08.delcoelect.com>
Source record: 209831
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Burt Fisher <k1oik@ccsnet.com> writes:
> Frequently I hear hams say, THE name HERE is_____.
>How often do you say when you meet someone (assuming your name
>is Charlie), THE name HERE is Charlie? You never do that right?

It's a different culture, Burt, and you're experiencing culture shock. Amateur Radio has been around a lot longer than you have, and it has developed its own "code of conduct" and a particular way of speaking. In Mexico, one does not say "My name is ____" -- to do so would be considered an EXTREMELY impersonal statement! One says instead "I am called ____" -- and that's just the way it is.

You seem to be ridiculing a common practice merely because it sounds impersonal to you. From the other point of view, you are attempting to use face-to-face speaking conventions when you are communicating with voice only, and that sounds just as strange to many "oldtimers" as the way it's done now sounds to you.

Remember that for the most part, radio communication is just barely interactive; while you are talking, there is no feedback from your listener(s). Don't expect to be able to use the same conversational style in all situations. For instance, how often do you begin a short monologue with the phrase "Three minutes ago, so-and-so said:" and a direct quotation? How often do you punctuate your sentences with "emotion" indicators? Be flexible. When in Rome, do as the Romans do. Don't flame them lest you be burned yourself. (Oh, sorry. Too late.)

= === === === = = = === === === === = = === = = = === = = === =
Alan Anderson # Ignorance can be fixed, but stupidity is permanent.
(I do not speak for Delco Electronics, and DE does not speak for me.)

4438. need IC-2000H tx mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: dab2@Ra.MsState.Edu
Message-ID: <48uheu$dk3@NNTP.MsState.Edu>
Source record: 209832

I am still looking for the tx mod for the IC-2000H. Please post so that others may get this information. Any help would be appreciated. Thanks for your time.

Have a GREAT day!

73 de KC5AAW

David A. Boackle dab2@ra.MsState.edu Mississippi State University

4439. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: pete@my.home
Message-ID: <48tmvh$p2q@usenet.pa.dec.com>
Source record: 209833

Hey Guy's

You think it is expensive in the States, come down to Australia. I believe we have only 17,000 Amateurs in Australia and more than 50% of them would be retired. Our buying power down here is lousy as we can't seem to get the critical mass to buy in large quantity's.

In NSW, largest population per square kilometer, we have only 3 dedicated HAM shops and these are all one man operations !!. Only ONE carries stock of any decent quantity. There is a LARGE electronics chain that carries YAESU but he is ridiculously expensive !!. He carries a "little"stock. Kenwood, NO stock on the shelves at all !!! ICOM, NO stock on the shelf. Alinco NO stock except for DR70.

Victoria is a little more active but not much more. Our extremely poor exchange rate and hefty import tariffs make amateur radio in OZ a "rich man's hobby". Why bother, connect a phone modem for $199 and go and "surf the net". That's where our future is going !!

Cheers..Peter
vk2yx@vk2tgb.nsw.aus.oc
p.illmayer@sno.mts.dec.com

feliccia@unix3.netaxs.com (Nick Feliccia) wrote:

>Has anyone notice how DAMN expensive ham equipment is. Is it just me or
>is anyone out there also really discouraged. It is a wonder anyone gets
>on the air anymore. I was looking for a mobile HF rig, but any new equipment
>will set me back a grand or better. I work as an engineer but I don't
>have the cash to squander on something I will use a few hours a week at best.

>What can we as hams do nowadays about this? Do we turn to Homebrewing. I am
>an EE and I know what it takes to build something. If you have a nice variety
>of parts, etching facilities, a 20 MHz scope at least, in short a working
>electronics lab you can do it. Otherwiese I feel making anything but a
>groundplane is more trouble than it is worth. Do we hand someone we have
>never met at a hamfest a week's pay on a bet we'll get a rig that will last.

>Does this have something to do with the dollar/yen thing? Is drake still
>making trasmitters? I saw a reciever but no transmitters?

>These are all pertinent questions to the future of ham radio. What kind
>of hobby are we developing? Are we going to price ourselves out of existance?

>Lets have a good talk about this.
>73's
>Nick N3FKS

4440. Sinclair SC-110 Scope

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: Bob Scott <bob_scott@qnet.com>
Message-ID: <48tqap$1q2@ukelele.qnet.com>
Source record: 209834

I have a Sinclair SC-110 oscilloscope that is in need of a power supply and case. If you have an SC-110 for sale, I would be interested. If you have a junker for sale, I would also be interested. If you have a power supply for sale or can provide me with the specs so that I can find a Radio Shack substitute, I would be interested. Any help that can be provided would be appreciated. Thanks. Bob AC4QO
bob_scott@qnet.com
or
Bob_Scott@cpqm.saic.com

4441. E.F.Johnson Courier

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: dara@physics.att.com
Message-ID: <DIGoqM.6AC@nntpa.cb.att.com>
Source record: 209835

I have an E.F.Johnson Courier amplifier (2 811A's) and will be doing
a return to service repair. A visual inspection shows a couple blown
resistors and at least one visibly bad capacitor. It also is missing the
fused line cord. It's obvious how to proceed, but I wonder if anyone
in this group has experience with one and can tell me how it performs
in SSB service. Also, any tips on mounting fuses on the chasis and
whether it is wise to replace the old tube rectifiers with a solid
state supply? At this point it is merely an interesting project.
Shel WA2UBK

4442. FS. COLLINS MECH FILTERS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: "michael p. murphy" <murphy@cts.com>
Message-ID: <4903vo$i3e@news2.cts.com>
Source record: 209836

COLLINS F 500 X 11 LSB P/N 526 9419 3.2 KHZ AT DB $35

COLLINS F 500 Y 70 AM P/N 526 9421 7 KHZ AT 6 DB $35

COLLINS F 500 X 10 USB P/N 526 9420 3.2 KHZ AT 3 DB $35

ALL 3 FOR $100

MIKE 619 588 7817 VOICE/FAX

4443. For sale: HAL RTTY gear

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: comptnce@airmail.net
Message-ID: <30b39f2a.12479753@news.airmail.net>
Source record: 209837
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

For sale: HAL DS3100ASR & ST6000; *mint* condition; complete wiring harness; all manuals; original shipping boxes; best offer.

4444. For Sale: HAL RTTY equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: comptnce@airmail.net
Message-ID: <30b3a0fb.12944726@news.airmail.net>
Source record: 209838
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

For sale: HAL DS3100ASR & ST6000; *mint* condition; complete wiring harness; all manuals; original shipping boxes; best offer.

Jim Long, K5QPT
comptnce@airmail.net

4445. Re: Info Wanted on Ten Tec 515

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <48v96m$ajl@mksrv1.dseg.ti.com>
Source record: 209839

<snip>
Ten Tec Argonaut 515 ---- very hard to find and highly sought after
by QRPers.
<snip>
what do they go for? ---- saw one the other day on rec.radio.swap
with p/s and some accessories for $375.
<snip>
Ten Tec amp ? ---- Model 405 matched Argo 505/509/515, also
<snip> very hard to find. Price ~ $60-$75 range

Hope you can find one. You'll have fun with it!

73 / 72 de KC5NG ... QRP-ARCI # 8204

4446. Re: speakers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DIG70v.DB7@iglou.com>
Source record: 209840

I am not sure what this is about but the below statement is a bit misleading. Heavy speakers usually require more driveing power. For communications recievers with low audio power output, you want a very efficient speaker with a small magnet.

Bud Burr (mburr@sky.net) wrote:
: Buy 'em by the pound..... Usually the heaver they are (magnet weight)
: the better they are.
:
: Bud.....

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4447. Source for Systron-Donner Manuals?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: john.ackermann@daytonOH.ncr.com
Message-ID: <john.ackermann.423.0008BAD2@daytonOH.ncr.com>
Source record: 209841
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

I have a Systron-Donner model 8155 "Synchronized Timecode Generator" that needs some work. I'm trying to find a manual for it.

I called an old number for S-D, but it's disconnected. I tried Manuals Plus, but Jack didn't have anything. Before I call Tucker (who usually get $50 a pop for manuals), anyone know of any other sources for a manual for this thing?

Short of a manual, info about this unit from anyone who's familiar with it would be appreciated. What does it synchronize to? (If I can get it working, I'll be driving it with a rubidium freq standard, and using GPS to get the second tick lined up.)

Thanks...

John Ackermann AG9V
john.ackermann@daytonOH.attgis.com

PS -- replies by email appreciated; our news expires pretty quickly and replies to the newsgroups may be gone by the end of the long weekend.

4448. Re: 572B TUBES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: Jared Cassidy <jcassidy@svetlana.com>
Message-ID: <48vjh9$g2e@tsunami.traveller.com>
Source record: 209842

USCG TELECOMMS <gttm@cais.cais.com> wrote:
>I need a pair of 572B's for an old SB-200 amplifier. What is the best
>and cheapest source for these tubes?

Both RF Parts and Antique Electronic Supply should have the Svetlana 572B
in stock. Give them a call:

RF Parts
800-RF-PARTS

Antique Electronic Supply
602-820-5411

73,

Jared
jcassidy@svetlana.com

4449. WTB Yaesu FT-101E AM filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: videocvp@ix.netcom.com
Message-ID: <48u3nq$e9q@ixnews6.ix.netcom.com>
Source record: 209843

I'am looking to purchase the am filter for a Yaesu Ft-101E Pleas E-Mail
or call (908)-842-6378

4450. Re: need info for ic-28a, mike gain pot

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: Ted Webb <Ted.Webb@ClemsonSC.NCR.COM>
Message-ID: <DIGDsy.G6L@ncrcae.ColumbiaSC.ATTGIS.COM>
Source record: 209844

There is a gain adjustment inside the mike itself. I had to adjust the volume/gain of the TT pad and ended up drilling out a small hole to allow gain adjustment without disassemblying the mike itself. It worked pretty good. From memory, this is the only adj inside the mike you can fiddle with so it shouldn't be any trouble to find. Hope this helps.

73, ted / AC4CS

==========Andrus James, 11/19/95==========

have recieved several reports of low and muffled audio for the icom ic-28a that i operate. am looking for

1) manual source (prefered on the net)

2) the location of the mike gain and deviation pots. have opened the cover and located 2-3 that look like the ones that i need but can not tell which are the correct two.

73

j (kc5jpf - lafayette, la)

4451. Test: DO NOT READ

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: hamster <hamster@ign.org>
Message-ID: <4901hl$ltv@hammer.msfc.nasa.gov>
Source record: 209845

```
Test File
```

4452. Expensive Ham Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: harp@bnr.ca
Message-ID: <harp.60.0@bnr.ca>
Source record: 209846

Yes some equipment is expensive. Most of the new stuff is.

I remember when if you didn't build at least some of your own equipment
you were an appliance operator. Now we all (pretty much) are. We dial
800 numbers and order.

There's lots of used equipment out there. Some of it works just as well
as the day it was purchased.

I have known people who had a challenge to attend a hamfest, buy enough
equipment to put it on the air for the least amount of money. This was
usually less than $100. Then actually put it on the air. Then donate
the stuff to someone who couldn't afford to buy anything.

****
* Alan Harp K4PB * Bell-Northern Research * CW FOREVER *
* mail: harp@bnr.ca * Research Triangle Park, NC * *
****

4453. Icom IC-W31A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: Steve@wwwdesign.com
Message-ID: <490cjk$q7i@bdt.bdt.com>
Source record: 209847

I'm looking for any mods for the W31A, such as MARS/CAP, etc.

4454. Any mods for the HTX-202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: rhuffman@freenet.columbus.oh.us
Message-ID: <490fch$ig9@acme.freenet.columbus.oh.us>
Source record: 209848

Does anyone know of any mods for the HTX-202? I found a used one and was just wondering. Thanks

Rick
--

4455. Any mods for Icom IC 2350H?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: jfox@pathcom.com
Message-ID: <490bc9$gnq@pathway1.pathcom.com>
Source record: 209849

Any one know of any mods for the new Icom Ic 2350H dual band mobile?

jfox@pathcom.com

4456. Re: HELP WITH ACC 850 CONTROLLER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <49079i$3li$1@mhafc.production.compuserve.com>
Source record: 209850

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT PG-9-5322 FCC Commercial

4457. Re: HELP WITH ACC 850 CONTROLLER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4907cd$3li$2@mhafc.production.compuserve.com>
Source record: 209851

Also, I am a long time ACC RC 850 owner....(still own mine V 3.8
software, last issue) and told Ed at ACC a few things he didnt know
it would do..

If anyone needs help programming a RC850, I am available for
questions...

You can E Mail me at my CIS address below..

73
Chris
WB5ITT

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT PG-9-5322 FCC Commercial

4458. Re: IC-706: what's best 2m/6m mobile antenna?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4907gu$3li$3@mhafc.production.compuserve.com>
Source record: 209852

A larsen or Signals 2mtr 5/8 wave antenna will also work both 6 and
2 with little problem......

on 6 it is a base loaded 1/4 wave antenna!

73
Chris
WB5ITT

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT PG-9-5322 FCC Commercial

4459. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: tom_maszerowski@mc.xerox.com
Message-ID: <1995Nov22.140301.28709@news.wrc.xerox.com>
Source record: 209853

In article <48gnog$ep4@netaxs.com>,
feliccia@unix3.netaxs.com (Nick Feliccia) wrote:
>
>
>What can we as hams do nowadays about this? Do we turn to Homebrewing. I am
>an EE and I know what it takes to build something. If you have a nice variety
>of parts, etching facilities, a 20 MHz scope at least, in short a working
>electronics lab you can do it. Otherwiese I feel making anything but a
>groundplane is more trouble than it is worth. Do we hand someone we have
>never met at a hamfest a week's pay on a bet we'll get a rig that will last.
>

A thread similar to this appeared in the .homebrew group earlier this year.
The basis of that one was the cost/performance of Ramsey's 2M kit but the
general conclusion was either buy used or convert land mobile equipment (there
is a project going on now to gather peoples experiences in converting this
equipment). I plan to do the latter.

--
Tom Maszerowski
tom_maszerowski@mc.xerox.com

4460. Re: source for cw filter for ts-520s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <48v9b7$ajl@mksrv1.dseg.ti.com>
Source record: 209854

<snip>
a source that might have a cw filter for a ts-520s for sale.
<snip>

Try IRCI (International Radio and Computers Inc) in Florida.
Don't have their address/phone handy, but they have ads in
most amateur radio publications. Been around for years and
seem to be reputable. They bought out Fox-Tango a few years
ago when F-T's owners wanted to retire, and they still offer
F-T filters. I bought an F-T filter back in the early '80s
for a TS-520S and it worked g-r-e-a-t! Try them.

73 de KC5NG

4461. WANTED: 2m Handheld HAM transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: visw@ulysses.homer.att.com
Message-ID: <DIGDKE.DEK@ulysses.homer.att.com>
Source record: 209905

Hi,

I am looking for a 2m hand held Ham radio, which has atleast
5w of power. If you have a used one for sale, Please
let me know.

Thanks a lot.
Ajai.

4462. !!! WWW TECHNO SITES !!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-22 00:00:00 UTC
From: amsoft@epix.net
Message-ID: <NEWTNews.817094126.21729.amsoft@486dx4_120>
Source record: 209906
Cross-posted to:
rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Covering Amateur Radio, Electronics, Engineering, Space, Scanners
Shortwave, and many more interesting Technical Areas. Includes a
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http://hamster.business.uwo.ca/~amsoft

Surf The World from here today!

4463. Re: Which HF Vertical

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: crcarlson@netins.net
Message-ID: <00999C9B.B70996D1@netins.net>
Source record: 209907
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <Pine.BSD/.3.91.951120194915.6438C-100000@avatar.avatar.com>, Kory Hamzeh <kory@avatar.com> writes:
>
>Hi Everyone,
>
>I'm looking for a good HF vertical for DXing. I need 10M, 20M, and 40M.
>80M would be great, but not mandatory. I've looked at the Cushcraft,
>Butternut, Hygain, Hustler. I would like to hear about your experiences
>with these antennas, how much power you where running. what band and what
>contacts where made.
>
>I know verticals are less than ideal for DXing, but nothing else is
>possible right now.
>
>Thanks,
>Kory
>KE6VWO
>
Here's my two cents worth Kory. I have run verticals since I got my license back in '71 and they are not as bad as everyone would have you believe. (You know the old joke: a vertical is an antenna that radiates equally poorly in all directions.) I, and a lot of other hams have had good luck with verticals. Properly installed they can have low angle of radiation which is good for DX. Mulitband verticals have the advantage of several bands on one coax. And no kidding, I have worked DX stations that some of my buddies didn't because I didn't have to adjust a rotor for a beam. (On the other hand they have beat me out of quite a few more.)The real question for anyone who is gonna use a vertical is: can you really get a lot of radials out? If you look at the ARRL antenna book and others you see that for a ground mounted vertical to be reasonably effecient you have to put out a BUNCH of radials. I'm talking like 120 of them. Less radials and the effeciency of the antenna drops considerably.
You have other options. One is mount the vertical up off the ground. This is what I did when I lived in North Dakota. I had a 14 AVQ up on the roof with about three or four radials
per band and it worked very well. Ran a lot of QRP with it.
You can also mount shorter verticals i.e. 10-20 meters as vertical dipoles. Especially on ten meters this is very do-able. Just build a 10 meter dipole out of some kind of metal and stand it on it's side.
If you don't want to put out a gazillion radials for efficiency get a vertical with an elevated feed point. This is where antennas like the GAP make sense. With a GAP and 3 watts I worked a UA on twenty meters just a couple of years ago, after the solar peak. But they aren't perfect either. On 80 mine is pretty poor.
Anyway go out and experiment with your vertical ideas. I always like to have one as a back up to whatever else I am using. Good luck.

de WB0FDJ

4464. Pioneer KE-A530 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: candea@ATHENA.MIT.EDU
Message-ID: <492p7f$3dd@senator-bedfellow.MIT.EDU>
Source record: 209908
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,alt.radio.uk,aus.radio.amateur.misc

I apologize if I am posting this to the wrong newsgroup but I am in desperate need of advice. I have a Pioneer KE-A530 car radio + cassette that my friend removed from his car a while ago. I am not sure which wires go where because I don't have the manual anymore and there is no indication on the radio as to what each wire is. I would appreciate if any of you could tell how to make the connections (i.e. which is PWR, GND, speakers, etc.).

The wires are in three "bunches":

Bunch 1: blue
black

Bunch 2: green/black (2 wires)
gray/black (2 wires)

Bunch 3: black (this is definitely a GND -- connected to case)
red (has a 0.5 Amp fuse on it and a little box)
yellow
orange (this must be PWR -- it has a 0.5 Amp fuse)

I really appreciate your help. I reply to my personal e-mail address, as I do not read this newsgroup regularly.

Thank you,

4465. Re: Pioneer KE-A530 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: candea@ATHENA.MIT.EDU
Message-ID: <492pid$3fk@senator-bedfellow.MIT.EDU>
Source record: 209909
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,alt.radio.uk,aus.radio.amateur.misc

Sorry for the last paragraph... I meant I would appreciate if you replied to my personal e-mail address, as I do not read this newsgroup regularly.

Thanks a lot,

4466. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: pfeuffer@on-ramp.ior.com
Message-ID: <492qos$ibc@express.ior.com>
Source record: 209910
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

Society for the Preservation of Amplitude Modulation.

In article <48rbap$2um@maureen.teleport.com>, pcrest@teleport.com says...
>
>I'm new to this. What does "spam" mean? Is it Italian or Latin for
>something?
>

4467. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: flash@lopez.marquette.MI.US
Message-ID: <1995Nov23.220411.15807@lopez.marquette.MI.US>
Source record: 209911
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

In <491ju8$atm@ixnews2.ix.netcom.com> robert-s@ix.netcom.com (Robert I Sinclair) writes:

>Yes it is canned meat, yes it is spread on things and yes it is usually
>scorned!

>Spamming is a term for placing a message in many different groups on
>the net typically refering to advertising.

AND in Ham Radio, SPAM is a group.

The Society to Preserve Ancient Modulation. You know, those signals you hear
on 3885 on into the night....

--
/ Gary Bourgois, WB8EOH, The Birdwatcher: Marquette Michigan USA \
([-o Keeper of The r.v.s.t. FAQ, Wildfeeds List, and Radio Guides o-])
\ flash@lopez.marquette.mi.us REALAUDIO SITE AT: http://ttn.nai.net /
Friday Night Live T2/21 5.8 8PM-Midnight ET FAX: (906) 228-7477

4468. Re: Kenwood HT79 Mods/Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: "Finskas Erik Matti Wilhelm (csb1_95)" <finskase@ee.port.ac.uk>
Message-ID: <49212h$aag@hawk.ee.port.ac.uk>
Source record: 209912

There is a modification booklet available from Kenwood dealers, which have all possible modification instructions available for the radio. The 800MHz modification is possible only if there are components for the 800MHz front-end! The TH79A (American) model does not have the components installed because it is illegal to monitor 800MHz band in US (This is information I received from Kenwood)

The radio can operate as cross-band repeater, it can clone its memories to another TH79, the radio can remote control a Kenwood mobile radio, wide RX and wide TX.

The easiest modification to the radio is to cut the GREEN WIRE which you will see if you take off the CTCSS unit cover (Side of the radio) This will enable wide RX & TX.

Erik
--
Erik Finskas G/OH2LAK
Email Finskase@ee.port.ac.uk
University of Portsmouth, UK
Department of Electronic and Electric Engineering

4469. Re: 572B TUBES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: Bob Scott <bob_scott@qnet.com>
Message-ID: <491o3d$q26@ukelele.qnet.com>
Source record: 209913

Make sure you ask for the new ones. I have read where they redesigned them. They apparently had a problem with horizontal mounting. The filament would sag and short out. Of course the new design costs more. I think $139 a matched pair. 73 Bob AC4QO

4470. *Manuals

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: w5robert@blkbox.COM
Message-ID: <9511231316.aa06748@blkbox.COM>
Source record: 209914

There was a company that sold manuals for just about
any rig around. Anybody recall the address? name?
--
73 Robert WB5CRG w5robert@blkbox.com

4471. Opinions of GAP verticals

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.951123120501.4568A-100000@avatar.avatar.com>
Source record: 209915
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antennas

I had just narrowed my choice of antennas down to a butternut or hygain vertical, when I saw the add for GAP. They make some very bold claims in there adds. I was wondering if anyone can share there experiences with the GAPs, specially compared to the butternut hf6v or the hygain dx88. I've never seens a decent vertical without radials. Both the hygain and the butternut have radials. I'm most interested in the 20,40,80 meters for DXing and 10 meters for local nets. I'm looking at the GAP TitanDX.

Thanks,
Kory
KE6VWO

4472. Comments on JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: dandroxl@montana.com
Message-ID: <490u56$pfd@maw.montana.com>
Source record: 209916

Am Considering buying the JPS ANC-4 Antenna Noise Cancller. Does anybody have any experience or comments on this unit?

4473. FOR SALE: Kenwood TS-520s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: Daniel Calzaretta <pcrest@teleport.com>
Message-ID: <490fb0$jr1@maureen.teleport.com>
Source record: 209917
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

For Sale: Kenwood TS-520s with matching speaker, CW filter, MC-50 mic and keyer. Price $350 plus shipping. I am located in Portland, Oregon.

Dan
N9BCC
pcrest@teleport.com

4474. Re: Which HF Vertical

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <493g2a$383@newsbf02.news.aol.com>
Source record: 209918

My two cents worth.....

You can bet that ANY and all no-radial verticals will not work as well as systems with even a modest radial system.

Keep that in mind, the "no free lunch" tale really applies well to this one.

73 Tom

4475. WANT - TM-701A MANUAL

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: Pat Ryan <pat_kc6vvt@lasernet.com>
Message-ID: <51123085112$71C7@lasernet.com>
Source record: 209919

Help - need a Kenwood TM-701A dual band operation manual. This fine old rig is from an estate of one of our SK hams here, and I need a copy of the operating manual. If you can help, reply here or via internet at pat_kc6vvt@lasernet.com or via packet KC6VVT@WB6DGR.#SOCA.CA.USA or call on the twisted pair at 619-691-0098. Am also good in the call book.
73 de Pat KC6VVT

4476. Advice needed, amtor on Icom 725

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: Stan Honey <shoney@delphi.com>
Message-ID: <x3JGbka.shoney@delphi.com>
Source record: 209920

I have a Icom 725 that I want to use with a KAM Plus for digital modes. I am considering getting a FL100 500 Hz cw filter for the IC725. The IC725 does not have IF shift/passband tuning. So my question is: will this combination work for digital modes? I assume that the center frequency of the audio output of the IC725 will be around 800 Hz in NBCW mode, based on my interpretation of the service manual. Is this correct? Can the KAM Plus be adjusted to work with audio tones that are that low compared to the 2210 Hz center frequency that the KAM Plus normally uses? Do I have to either live with the 2.3 kHz SSB bandwidth of the IC 725 or buy another radio? I've considered getting one of the fancy audio filters instead, but a strong adjacent signal that fit into the 2.3kHz IF bandwidth would still cause the IC725's AGC to desensitize the IC725 to the desired signal.

Thanks in advance for any advice.

Stan
wa6iva

4477. *** FS: Top of the line AOR AR8000 Handheld ***

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: critchie@ix.netcom.com
Message-ID: <491705$t1o@ixnews3.ix.netcom.com>
Source record: 209921

For Sale AOR AR8000 receiver:

Full coverage - 100kHz to 1900MHz continuous no gaps, full 800MHz
coverage
All Mode Reception - AM, USB, LSB, CW, NFM, WFM
Programmable Step Size in 50Hz increments
4.0kHz SSB filter
Alphanumeric multi-line display
Signal Strength bar graph
1000 channel memory bank
computer control I/O port.

Too many features to list. Basically, top of the line receiver with
full coverage.
Purchased in Europe while on vacation, barely used. Price includes
complete unit with
manual. $500.00 + shipping.

Email inquiries to: critchie@ix.netcom.com

4478. Re: Which HF Vertical

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-2311950333320001@wd1v.mv.com>
Source record: 209922
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <00999C9B.B70996D1@netins.net>, crcarlson@netins.net wrote:

> In article <Pine.BSD/.3.91.951120194915.6438C-100000@avatar.avatar.com>,
Kory Hamzeh <kory@avatar.com> writes:
> >
> >Hi Everyone,
> >
> >I'm looking for a good HF vertical for DXing. I need 10M, 20M, and 40M.
> >80M would be great, but not mandatory. I've looked at the Cushcraft,
> >Butternut, Hygain, Hustler. I would like to hear about your experiences
> >with these antennas, how much power you where running. what band and what
> >contacts where made.
> >
> >I know verticals are less than ideal for DXing, but nothing else is
> >possible right now.
> >
> >Thanks,
> >Kory
> >KE6VWO
> >

Just saw an ad in the December '95 CQ magazine for a new vertical from
Hy-Gain that is 10 - 40 meters, stands 29 feet tall, is self supporting,
and requires no radials. They also make the claim of 750 watts key down
for 30 minutes and no problems. They don't mention price but I assume it
is competitive.

I ran a Cushcraft R-5 and I was extremely impressed with how well it
worked.

73,

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr. |_| |_| WWW Macnet http://www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
(H)603-668-1096 | | | | | wd1v@wd1v.ampr.org [44.52.7.21]

LeCroy Corporation Test & Measurment Sales Engineering
Serving NE Mass., NH, and ME WWW http://www.lecroy.com
(O) 800-553-2769 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

Opinions are my own, including Digital Storage Scope.FAQ
Obtain the latest Scope.FAQ automatically!
EMAIL john@wd1v.mv.com w/ Sj: "subscribe scope.faq" (or)
WWW http://beam.slac.stanford.edu/www/library/w3/dso.html

4479. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-2311950115060001@206.12.26.34>
Source record: 209923
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

In article <48lekf$b9k@detroit.freenet.org>, aa024@detroit.freenet.org
(Kenneth Vito Zichi) wrote:

-> If you guys want to spam all the rec radio amateur gorups I couldn't
care less
-> but why the H*ll are these stupid ham debate posts spilling into the
-> shortwave, scanner and puzzles (among others) groups. Watch the
-> reply lines guys. One spam is bad enough but when you all reply to all
-> the groups it is just plain RUDE.
->
-> Leave the rest of us in peace -- and if your must spam, do it via e-mail
-> to the original poster and again, leave the rest of us in peace.
->
-> Thanks for letting me rant. 73 //kvz
->
->
-> --
-> kv zichi, aa024@detroit.freenet.org
-> (PGP Public Key Available on Request)
-> "Lasciate ogni speranza, voi ch'entrante" --Dante
-> Kind of appropriate for the Internet, eh?

The root cause of this problem are the 'original' postings of one BURT FISHER.
His garbage gets replied to by others who inadvertently post to all the
newsgroups the original spammer included in the distribution list.

In the future forward a copy of spam messages from Burt Fisher to the
postmaster at his service provider. Fisher's address is:
k1oik@ccsnet.com therefore you can forward his crap back to place it came
from at postmaster@ccnet.com.

If enough of us do it he will get tired of it and take steps to stop it.
There is no need to even write anything on the forwarded message. They
know who Burt Fisher is, do you think your the first one to complain!? :)

--
Scott Leaf VE7ZVZ
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club VA7SM - "To boldy VHF where no ham has VHFed before"

4480. Re: Societies Unwashed: The sin and the apology

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: Steve Sampson <ssampson>
Message-ID: <49233r$ke@news.icon.net>
Source record: 209924
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

I used to be shocked when my private electronic mail was published. About as shocked as my love letters being printed in a book. I find there are no morals in America, and no self discipline. Only a scum would resort to publishing a private letter. I used to put a little line in my signature that said PRIVATE, but then the scum just erased that part.

I'm glad you identified the scum who published your private mail. Said scum should be banished from the net. Write his postmaster.

4481. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: demetre@helios.intranet.gr
Message-ID: <4918ao$2hl@helios.intranet.gr>
Source record: 209925
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

Cal Eustaquio (ceustaqu@hertz.elee.calpoly.edu) wrote:
: Dan:
: One meaning may be for "Society for the Presevation of Amplitude
: Modulation." Otherwise, its a generic term for a meat product that was
: invented during WW2 that is still put out in the market by Hormel (I think).

: On 21 Nov 1995, Daniel Calzaretta wrote:

: > I'm new to this. What does "spam" mean? Is it Italian or Latin for
: > something?
: >
: >
: >

Isn't SPAM a sort of processed caned meat ????

73's

4482. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: skuter@tcgcs.com
Message-ID: <492ab0$jfm@alterdial.UU.NET>
Source record: 209926
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

Daniel Calzaretta <pcrest@teleport.com> wrote:

>I'm new to this. What does "spam" mean? Is it Latin or Italian for
>something?

Aside from being a processed nuclear survival food, spam has its own endearing definition as it related to the Internet.

"Spamming" is when a message is posted to serveral, even all, newsgroups at once. Prime examples of spamming occur when some goober posts a "Make 20 Zillion Dollars by Picking Your Nose" post to every single newsgroup in existence. Then, in each of those newsgroups 50 people post a response saying "I picked my nose and only made $.73 you &***#$%!!!!". Most usenet programs will then post that reply to every group the original post appeared in.

I notice that I am posting this response to all the rec.radio.xxx groups. Since I don't know where this thread originated, I'll leave it that way....and now I too have become a "spammer"!!!

Hope it is now clear as mud!

Scott Eveland Ham call: KB0FKN
skuter@tcgcs.com skuter911@aol.com
Dispatcher Hastings (NE) PD
Reserve Officer Hastings (NE) PD
Reserve FF/EMT-A Hastings (NE) FD
Boy, I do too much....
And nothing I say here represents the opinions
of either of the above departments.

4483. Re: THE biggest THE ham THE problem.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: skuter@tcgcs.com
Message-ID: <492aib$jfm@alterdial.UU.NET>
Source record: 209927
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

aranders@kosepc01.delcoelect.com (Alan Anderson) wrote:

>It's a different culture, Burt, and you're experiencing culture shock.
>Amateur Radio has been around a lot longer than you have, and it has
SNIP
>Don't flame them lest you be burned yourself. (Oh, sorry. Too late.)

>= === === === = = = === === === === = = === = = = === = = === =
># Alan Anderson # Ignorance can be fixed, but stupidity is permanent. #
> (I do not speak for Delco Electronics, and DE does not speak for me.)

Wow Alan! As a former subsciber of Ham-L, and primarilly a lurker to
the rec.radio.xxx groups, I've never seen anybody with such a
well-written rebuttal for one of Burt's tired old questions.

I hope someday Burt will stop asking the same old questions, and maybe
even get out of the hobby he so dearly hates.

Scott Eveland Ham call: KB0FKN
skuter@tcgcs.com skuter911@aol.com
Dispatcher Hastings (NE) PD
Reserve Officer Hastings (NE) PD
Reserve FF/EMT-A Hastings (NE) FD
Boy, I do too much....
And nothing I say here represents the opinions
of either of the above departments.

4484. Receiver problem Icom 737

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: ko6ec@cris.com
Message-ID: <ko6ec-2311952051300001@192.0.2.23>
Source record: 209928

I have a 2 year old Icom 737 that has developed an odd problem. The receiver now needs time to "warm up." Example: I power up the radio and get only silence from 14.000 to about 14.080. Gradually, over the next few minutes, this silence covers less and less. After about 10 minutes, I can listen to the whole band. The same appears true in other bands (for example 28 Mhz, 21 Mhz and 7 Mhz). The portion of the band effected is the same on all bands. That is, if I hear silence from 14.000 to 14.055, at that same time I get silence from 21.000 to 21.055. Any thoughts? How serious? One person told me to get a service manual and make a minor PLL adjustment. Thanks for the help.

Frank, KO6EC

4485. RS HTX-212 = MTX-146?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: satoshi@maui.net
Message-ID: <491nj6$dm4@makai.maui.net>
Source record: 209929

Hi everyone,

I took off the cover to my Radio Shack HTX-212 and noticed that
the board calls itself MTX-146. Also noticed (c) 1994, when
this model is new for 4Q '95.

Does this mean another label sells the same unit as MTX-146?
(Looks similar to Kenwood TM-241, but a few differences.)

Does anyone know who? Are mods avail?

73, de WH6CTO

4486. IF filters vs DSP for CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: johns516@maroon.tc.umn.edu
Message-ID: <johns516.62.00431A02@maroon.tc.umn.edu>
Source record: 209930

I just bought a Kenwood TS-930 and am thinking about getting the internal IF filters for CW work. (I would probably get both 500 Hz filters.) However, I am also looking at the specs for the DSP units that are available externally. It appears that both approaches have the same goal, increased selectivity and removal of noise.

How do these two approaches compare for increased selectivity? For removing QRM? I assume the DSP units are are better at removing QRN. True? What am I missing.

Any comparisons would be appreciated.

73, and thanks.

Craig, AA0ZZ (nifty new call, huh?)

4487. comments on Code/RTTY readers, Microcraft & MFJ

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: dandroxl@montana.com
Message-ID: <492i5h$473@maw.montana.com>
Source record: 209931

I'm interested in your experiences with the various code / RTTY
readers offered by MFJ, Microcraft, or others. If you use or have used
one of these items please let me know what your impression was.

TNX
Dave N7MJX-

4488. Wanted Mod for Icom 275H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: rthomas@haven.uniserve.com
Message-ID: <492s95$3ee@atlas.uniserve.com>
Source record: 209932

Need mod for icom275h

4489. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DIHzIA.My2@eskimo.com>
Source record: 209933

In article <48gnog$ep4@netaxs.com>,
feliccia@unix3.netaxs.com (Nick Feliccia) wrote:
>
>Has anyone notice how DAMN expensive ham equipment is. Is it just me or
>is anyone out there also really discouraged. It is a wonder anyone gets
>on the air anymore. I was looking for a mobile HF rig, but any new equipment
>will set me back a grand or better. I work as an engineer but I don't
>have the cash to squander on something I will use a few hours a week at best.
>
>
>What can we as hams do nowadays about this? Do we turn to Homebrewing. I am
>an EE and I know what it takes to build something. If you have a nice variety
>of parts, etching facilities, a 20 MHz scope at least, in short a working
>electronics lab you can do it. Otherwiese I feel making anything but a
>groundplane is more trouble than it is worth. Do we hand someone we have
>never met at a hamfest a week's pay on a bet we'll get a rig that will last.
>
>Does this have something to do with the dollar/yen thing? Is drake still
>making trasmitters? I saw a reciever but no transmitters?
>
>These are all pertinent questions to the future of ham radio. What kind
>of hobby are we developing? Are we going to price ourselves out of existance?
>
>Lets have a good talk about this.
>73's
>Nick N3FKS

It's always interesting how two people can look at the same thing and see it entirely differently.

I have thought for a long time that ham equipment was surprisingly low-priced. Have you opened up a state-of-the-art rig lately? The amount of engineering and assembly labor in there is astonishing, in my opinion. About one month's pay for most of us would buy an excellent rig. There's no way any of us could BUILD an equivalent rig with one month's effort, is there?

And if one really wants to hold down the cash flow, a used rig can be an excellent buy. Lots of older rigs are available for $400-$1000 that will do virtually everything you'll ever want. Spend your time instead of money by investigating what's for sale and you'll come out way ahead.

Since you mentioned HF mobile specifically, check out an older ICOM IC-730. I've used one mobile for years (both auto and boat) and it's hard to beat for small size, ruggedness and convenience. I see them advertised quite often for $400-$425. Even our younger hams can afford that. 40 lawns mowed at ten

bucks a pop and there you are! And the beautiful part is that when you go to sell the '730 or whatever, you'll get nearly your full price back for it. It will have cost you almost nothing at all.

Now what was that again about ham radio being so expensive....??

73, Bill W7LZP
wrt@eskimo.com

4490. Re: kenwood 850 to kam fsk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DII02H.8H@eskimo.com>
Source record: 209934

In article <48mlig$ffm@horn.wyoming.com>,
dbreazil@wyoming.com (Don Breazile) wrote:
>I have a kenwood ts-850 comming in the mail. was wondering if anyone can
>give me pointers about connecting it for fsk to the kam-plus
>also any other info about the 850 that I might need to know
>thanks Don

I have the same setup. Just follow the factory instructions. It worked perfectly the first time. When I added a 250 Hz filter to the Kenwood I did do some tweaking of the KAM's settings for mark and space to get them exactly aligned with the '850. If you need to do that, and if you're running Hostmaster II software, be sure to set the default shift to MODEM rather than a number. Otherwise you'll lose your changes every time you exit the RTTY mode. Right now before you have the rig in hand you're probably wondering what all that means, but after a bit of playing with it, it'll come clear.

Email me if you have more questions. An '850 and a KAM are a great combination...have fun!

73, Bill W7LZP
wrt@eskimo.com

4491. Re: Which rig: FT1000 or FT1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: subich@ramlink.net
Message-ID: <492498$qph@ram2.ramlink.net>
Source record: 209935

In <Pine.BSD/.3.91.951122101544.17307A-100000@avatar.avatar.com>, Kory Hamzeh
<kory@avatar.com> writes:
>
>I'm very new to HF and I'm trying to decide which radio to purchase: the
>Yeasu FT1000 (not the D model) or the FT1000MP. The price difference
>(mail order) is only about $200, so price is not a deciding issue. I'm
>mostly interested in DXing with SSB and CW.

Check out the included filters, etc. on the FT-1000 (non-D) vs. the FT-1000MP.
You will find the cost of the original FT-1000 goes up significantly if you start
adding necessities like the CW filter in the sub-receiver, and accessory filters
in the main receiver. I'm not sure, but I believe the MP includes those filters
"stock." If so, the MP is the better buy (and you won't miss the extra 100
watts).

... Joe Subich, AD8I
(subich@ramlink.net)

4492. HF Station For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: Joe Van Dyke <joev@shelby.net>
Message-ID: <b177cb$d3037.7e@news.shelby.net>
Source record: 209936

I need to upgrade my computer; but the XYL says
I can't spend any more unless I something....I have decided
to say my HF Station listed below:

Kenwood TS440S w/hd power supply/auto tuner/
ext.speaker/MC 60 desk mic/mobile
cable and Bracket. in excellent
condition. I purchased new...

Amertron AL811 600 Watt AMP. in excellent condition
I also purchased new.

R-5 Vertical Antenna. in excellent condition
purchased new by me.

MFJ 1.5 Kwatt Tuner. in excellent condition.

Total FIRM price you pay shipping $1150.00

Tel: 704-435-9503

4493. Re: RTCM 104

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: davew@cruzio.com
Message-ID: <DIIABs.11r@cruzio.com>
Source record: 209937
Cross-posted to: sci.geo.satellite-nav,rec.radio.amateur.misc,rec.radio.amateur.equipment

david@lama.stanford.edu (Peter R David) wrote:
>
> Can someone explain RTCM 104? Is there a generic source
>for RTCM104 recievers?
>
> Thanks,
>
> Peter David
>

The spec is available from the RTCM. I am not sure what you are looking
for when you say a generic receiver? I have been finding that if the DGPS
receiver outputs RTCM104 it will work with any GPS that has a RTCM
port.

Dave

4494. Re: speakers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817147012.21776@pinetree.microserve.com>
Source record: 209938

n4lq@iglou.iglou.com (Steve Ellington) wrote:

>I am not sure what this is about but the below statement is a bit
>misleading. Heavy speakers usually require more driveing power. For
>communications recievers with low audio power output, you want a very
>efficient speaker with a small magnet.

That's absolutely correct. Large magnet structures are only required when it is desired to achieve the torque necessary to move large amounts of air. To maintain a given SPL, air movement must increase as the frequency decreases. Increased torque also means increased power consumption, so the voice coil structure of such speakers is also much heavier. Thus, they will be less efficient as the frequency increases, due to (at the very least) inertia of the mass. The low frequency response that accompanies such speakers isn't required in communications, so there's no reason to use such an inefficient design.

The lack of required bass response is also the reason communications speaker enclosures aren't usually sealed. Wavelengths at 300 Hz are much shorter than 30 Hz, so the face and sides of the enclosure are sufficient to prevent any front/rear cancellation that might otherwise take place. As with the motor structure, sealing the enclosure in order to extend the low frequency response sacrifices efficiency.

The bottom line is that audiophile speakers will generally perform poorly for communications work. Save your money for something useful.

73,

Jack WB3U

4495. clegg, polytronic stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: MVBC06A@prodigy.com
Message-ID: <492f8u$1qbu@usenetp1.news.prodigy.com>
Source record: 209939

hi all,
i'm looking for manuals and power cords for older radios. one is a clegg 22'er and the other in polytronics pc2. a manual, schematic and power cord, or something that will help me make a cord would be gtreatly appreaciateed
thanks
ernie

4496. Logging Program

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: steve.hajducek@bytewise.org
Message-ID: <127.5078.27@bytewise.org>
Source record: 209940

```
-> What's the best windows-based logging program around?
->
-> Where is it available? How much does it cost??
->
-> Any favorites being used??
```

Hi Darryl...

Noticed your query and I felt compelled to give you a response.

I may be slightly biased, however, and it is not even finished yet, but I want to make you aware of Cat Control Center, a.k.a. CATCC.

It is windows based, it provides full control of our radio and peripheral equipments over RS-232 and printer ports, full DX-Cluster interfacing with sound blaster voice announcements and programmable alarms and a whole lot more.

You can obtain an demo version from my BBS at 1-908-363-2760 or the ARRL BBS or various ftp sites, such as demon.co.uk for one. The files that you want are CATJR1D1.ZIP through CATJR1D4.ZIP, be prepared though, as zipped we are talking almost 4MB of files.

The demo program only supports Yaesu and Kenmwood radios, many of the features have been reduced in scope and or range or completely removed. The demo does provide a very good idea of what the full version of the program will be light. Logging in the demo is to a simple CT .RES ascii file which you can import to your present logging program (if so supported) however the full version of CATCC provides a full logging and award tracking capability written in Visual dBASE, CATCC itself is mainly written in Visual Basic.

/s/ Steve, N2CKH

```
+-------------------------------------------------------------------+
| ByteWise(tm) BBS - On-line! since 1988 - SYSOP: Steve Hajducek N2CKH |
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| Support BBS for CATCC, CATCCjr and b_CRYPT, PC-Sig disk #1382 |
| e-mail info@bytewise.org or n2ckh@bytewise.org |
+-------------------------------------------------------------------+
```

4497. Re: Wanted TS 930

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: kitagawa@ee.ES.Osaka-U.AC.JP
Message-ID: <KITAGAWA.95Nov23144230@qed.laser.ee.es.osaka-u.ac.jp>
Source record: 209941

>> Wanted Kenwood ts930 with built in tuner
>> Mint Condition

>I mean a TS940s not 930. Sorry

Really? From purely RF point of view, TS-930 is much better than
TS-940. Many contesters still prefer 930 to 940. Some including myself
avoid 940 because it is noisier under strong near-by signals.

masa JH3PRR

4498. Re: CW Filter 250 or 500hz???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-23 00:00:00 UTC
From: jjo@tekla.fi
Message-ID: <JJO.95Nov23082634@ds10.tekla.fi>
Source record: 209942

I have a 250 Hz filter. I think it is too narrow.

-Jari
--
Jari Jokiniemi, jari.jokiniemi@tekla.fi, OH2MPO, OH3BU
Tekla Oy, Koronakatu 1, 02210 Espoo, 90-8879 474

4499. 706: My Tx & Rx results

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: ab910@lafn.org
Message-ID: <1995Nov24.035841.1519@lafn.org>
Source record: 209855

Hi all.

I've seen a few false statements on the Icom 706 posted here lately.
I did a few tests myself and here are the results.

The unit will transmit within the HF and 6M ham bands only right out of
the box.

With the SMD diode mod' the 706 will:

Receive: .03Mhz-200Mhz (Just as stock)

Transmit: 1.6Mhz-54Mhz (All modes except FM wide)
118Mhz-174Mhz (All modes except FM wide)

And that's all.

No FM or AM broadcast band transmit. CB band is a go. (A $1300. CB!!!)
Cordless phones and baby monitors are a go. (Why bother?)
VHF/high band receive is okay only with the yellow wire mod. Without that
mod' the radio's deaf above 2M.

And that's all there is to it. There are no other mod's (yet) to
transmit anyplace else. Period. Don't even ask me. I don't know.
The two mod's that have been posted here lately are it. If you want 'em
do a search of recent posts on this item. They're very simple mod's.
(Crush a small diode with forceps and pull out one yellow wire from a
bundle.) I will not give them out myself. I was the first one to put out
the diode mod. I got it faxed from Icom. I've seen no others.

Buy it as a small HF mobile and you won't be disapointed. I like mine.

Matt Davies

--
SALE. Yes! Be the first one on your block to take over the world.
The Super-Conductive Magnetic Infindibulator. Only $99,999.00
(As seen in the Farmers Almanac.)

4500. Eldico SSB-100 MIL

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: poo-boy@mail.freenet.hut.fi
Message-ID: <493j6g$4v7@freenet.hut.fi>
Source record: 209856

Does anyone out there have any info on the ELDICO SSB-100 MIL?
How about a source for a schematic or manual?
Any help would be appreciated !

4501. Re: Wanted Mod for Icom 275H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <494p6b$1id0@stealth.mindspring.com>
Source record: 209857

In article <492s95$3ee@atlas.uniserve.com>, rthomas@haven.uniserve.com says...
>
>Need mod for icom275h
>
I used to have the same radio in the A version and there is no mod available. The radio already does what it is capable of.
73's
AC4OP

4502. Re: CW Filter 250 or 500hz??? (for weak signal or EME)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <494pfj$1id0@stealth.mindspring.com>
Source record: 209858

In article <4940j3$6dc@newsbf02.news.aol.com>, w8jitom@aol.com says...
>
>In article <harp.61.0@bnr.ca>, harp@bnr.ca (Alan Harp) writes:
>
>>
>>I would choose the 250. No contest!
>>
>>
>
>Me too, that's all I use here!!!!!! It works super. 500 is too wide.
>Tom

I am trying to decide on what filter 250 or 500Hz I should buy for an IC 706. I am going to be using the radio mainly for real weak signal work that involves some meteor scatter and EME. Would the 250 Hz be too narrow to be used on signals that might have some dF/dt doppler component?
Please Help.

AC4OP
Pieter Ibelings

4503. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@safe.ia.GOV
Message-ID: <199511241536.JAA07258@outpost.safe.ia.gov>
Source record: 209859

```
>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Fri Nov 24 09:41:12 CST
1995 remote from osiint.safe.ia.gov
Date: 24 Nov 1995 09:37:33 -0600
X400-Trace: US*ATTMAIL*IADPS
arrival 24 Nov 1995 09:37:33 -0600
action Relayed
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@osiint.safe.ia.gov
To: "/RFC-822=Ham-Equip(a)UCSD.EDU/OU=OSI-INTERNET/O=WALLACE/PRMD=IADPS/ADMD=ATTMAIL/C=US/
"@osiint.safe.ia.gov
In-Reply-To: <"\"/RFC-822=199511221230.EAA19700(a)mail.ucsd.edu/OU=OSI-INTERNET/O=WALLACE/
PRMD=IADPS/ADMD=ATTMAIL/C=US/\""@osiint.safe.ia.gov>
Subject: I agree
Importance: normal
Autoforwarded: FALSE
Message-Id: <werl1124093222aa*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@
osiint.safe.ia.gov>
P1-Message-Id: US*ATTMAIL*IADPS;IDPS3550 werl1124093222aa
UA-Content-Id: werl1124093222aa
P1-Content-Type: P2
Priority: normal
Received: from osiint.safe.ia.gov by iadpshub.safe.ia.gov; Fri, 24 Nov 1995 09:41 CST
Content-Type: text
Content-Length: 1707

> From: "Thomas C. J. Sefranek" <sefranek@iii.net>
> Subject: Ham equipment is so damn Expensive.
>
> As for the cost of building...
> I am today throwing out a truck load of stuff, because too many hams
> don't want to be bothered with taking the time to learn, build, repair.
> The price is right on monday nights!
> I'm not saying you should build the fancy rig for the car, but antennas,
> tuners, power supplies can be build (Better) for less than you can buy
> them > Again, perhaps I'm just too far gone an OF.
> > I hope you will read this as constructive.
> > Tom
> WA1RHP
> ------------------------------
As a newcomer to the tech area I wish I lived a lot closer to you. We have
a builder group on Monday nights but they seem to be more on the hi tech end.
Way above my head. I'm technically challenged (must be p c you know) but I
would find it great to do something like you are running. I built 2 different
antennas for my HF, cosmetically not the best but they work for me. As for
throwing things out, HORRORS! I find some real treasures in the discards of
```

others. Even some non-working things I've been able to examine. I've been looking around for some simple plans to build an antenna tuner, capable to handle of 150w. I get a lot of, "look at hamfest/flea markets, buy used one reasonable price." I know that, I want to TRY to build my own. Just like after passing my 5wpm test, I did it on my OWN. I want to try to build some HF gear on my OWN. Oh, I've gotten a lot of local area help on various things, but I hate to impose, they have lives of their own. Oh well, <sigh>.
Scott N0XZY
werling@safe.ia.gov
>

4504. IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: Daniel Calzaretta <pcrest@teleport.com>
Message-ID: <495kns$8h1@maureen.teleport.com>
Source record: 209860

I would like to get some reports from owners of the IC-706. I am trying
to decide on a radio to buy.

Thanks in advance,

Dan

4505. IC706 one cycle tuning

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DIK19z.H7J@iglou.com>
Source record: 209861

Anytime I activate the 1 cycle tuning, the display always reads 0.
This tells me that my readout is not really showing the exact frequency
down to the last cycle rather, it gives me an uncalibrated reference
point much like a logging scale. Has anyone else noticed this?
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4506. Grundig Satellit 700

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: njc@warwick.NET
Message-ID: <9511241525.AA27017@host>
Source record: 209862

Hi name here is Nick and Ihave the following for
sale:

1 Grundig Satellit 700 Shortwave Radio

The feature and options on this radio are too numerous to mention.

I am asking $ 400.00 OBO

Tnx

The opinions expressed herein are my own.

Thought for the day:
Communist (n): one who has given up all hope
of becoming a Capitalist.

Sent by:

Regards, Nick J Chiarchiaro, AET (212-279-5000 ext 317)
73 de Nick, N2QXF

Ham related mail addresses:

AMPRnet SMTP BBS: n2qxf@bbs.k2bjg.ampr.org
AMPRnet Direct SMTP: n2qxf@n2qxf.ampr.org 44.64.4.20
AX25 PBBS: n2qxf@k2bjg

CYA l8r :-)

4507. motorola GP300 VHF 16 CH

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: njc@warwick.NET
Message-ID: <9511241525.AA25899@host>
Source record: 209863

Hi name here is Nick and I have the following for
sale:

1 Motorola GP300 VHF 5w 16 ch radio w/ DTMF
and all the accessories. eg. Headset, speaker mike

If interested i will give you a complete list of provided
accessories.

Asking $ 350.00 OBO

Tnx

The opinions expressed herein are my own.

Thought for the day:
Book (n): a utensil used to pass time while waiting
for the TV repairman.

Sent by:

Regards, Nick J Chiarchiaro, AET (212-279-5000 ext 317)
73 de Nick, N2QXF

Ham related mail addresses:

AMPRnet SMTP BBS: n2qxf@bbs.k2bjg.ampr.org
AMPRnet Direct SMTP: n2qxf@n2qxf.ampr.org 44.64.4.20
AX25 PBBS: n2qxf@k2bjg

CYA l8r :-)

4508. Re: Pioneer KE-A530 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <493oa2$1dh@tilde.csc.ti.com>
Source record: 209864
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,alt.radio.uk,aus.radio.amateur.misc

In article <492p7f$3dd@senator-bedfellow.MIT.EDU>, candea@ATHENA.MIT.EDU says...
>
>I apologize if I am posting this to the wrong newsgroup but I am in desperate
>need of advice. I have a Pioneer KE-A530 car radio + cassette that my friend
>removed from his car a while ago. I am not sure which wires go where because I
>don't have the manual anymore and there is no indication on the radio as to
>what each wire is. I would appreciate if any of you could tell how to make the
>connections (i.e. which is PWR, GND, speakers, etc.).
>
>The wires are in three "bunches":
>
> Bunch 1: blue
> black
>
> Bunch 2: green/black (2 wires)
> gray/black (2 wires)
>
> Bunch 3: black (this is definitely a GND -- connected to case)
> red (has a 0.5 Amp fuse on it and a little box)
> yellow
> orange (this must be PWR -- it has a 0.5 Amp fuse)
>
>
>I really appreciate your help. I reply to my personal e-mail address, as
>I do not read this newsgroup regularly.
>
>Thank you,
>

I'll try, but dont blame me if it blows up!!!. Ok...start with bunch 3. The black wire goes to battery negative terminal, or chassis ground. The red wire with fuse holder and box (noise filter, likely) goes to ignition ACC ON. T The yellow wire is used if you want to send a signal to an auto amplifier (external power amp, subwoofer, etc) or a power up/down automatic retractable antenna. The orange wire might be to control a clock if the radio has a clock built in. Orange wire would then go to the battery and the red wire would go to the acc side of the ignition switch. Then, when you turn the car -on-, the radio works. Otherwise, when the car is off, the only power received by the stereo is on the orange wire and the only operating function is the clock. Only when the car is -on- does the radio/tape actually work.

bunch 1 : blue/black...bunch 1. not sure, possibly line in for an equalizer.

Bunch 2: most likely, this is left channel positive and negative (to speaker left)
most likely, this is right channel positive and negative (speaker right)

Without trying it, it's hard to say. Does the radio have a "fader" for
front-and-back speakers, or is it only a 2 channel output (left and right but no
front and back)???

Keep your posts here...someone can probably help ya.

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

4509. Re: Pioneer KE-A530 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: David Atkins <davidj@spacemen.demon.co.uk>
Message-ID: <6BQ9jAAv$gtwEw32@spacemen.demon.co.uk>
Source record: 209865
Cross-posted to: rec.radio.amateur.misc,rec.radio.cb,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,alt.radio.uk,aus.radio.amateur.misc

In article <492p7f$3dd@senator-bedfellow.MIT.EDU>, George Mihai Candea
<candea@ATHENA.MIT.EDU> writes
>I apologize if I am posting this to the wrong newsgroup but I am in desperate
>need of advice. I have a Pioneer KE-A530 car radio + cassette that my friend
>removed from his car a while ago. I am not sure which wires go where because I
>don't have the manual anymore and there is no indication on the radio as to
>what each wire is. I would appreciate if any of you could tell how to make the
>connections (i.e. which is PWR, GND, speakers, etc.).
>
yeah, some bugger nicked the one from my car, too!

--

David Atkins |Office Space is a vital part
Ergonomist |of your Business Strategy

4510. Kenwood vs Alinco

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: acubel@alfa.adinet.COM.UY
Message-ID: <199511240225.SAA20988@alfa>
Source record: 209943

Im going to buy a new dual bander, but I need to know wich is better:
Kenwood TM 733 or
Alinco DR 610.
I live in a city with heavy qrm, so I need a good recv performance.
73 from CX9BBL

4511. Re: IF filters vs DSP for CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: jhill@minn.net
Message-ID: <4937v8$el1@bronto.minn.net>
Source record: 209944

In article <johns516.62.00431A02@maroon.tc.umn.edu>,
johns516@maroon.tc.umn.edu (Craig B. Johnson) wrote:
>I just bought a Kenwood TS-930 and am thinking about getting the
internal IF
>filters for CW work. (I would probably get both 500 Hz filters.)
However, I
>am also looking at the specs for the DSP units that are available
externally.
>It appears that both approaches have the same goal, increased
selectivity and
>removal of noise.
>
>How do these two approaches compare for increased selectivity? For
removing
>QRM? I assume the DSP units are are better at removing QRN. True?
What am
>I missing.

IF filters will offer selectivity before the signal is demodulated to audio. External DSP filters add selectivity to that audio. Selectivity helps eliminate the problems caused by strong adjacent signals to the frequency you are listening to. Without IF filters, the strong signal will reduce the sensitivity of your receiver. I recommend both as the DSP filter will add to the selectivity provided by the IF filters, help reduce noise and help eliminate heterodynes when you're operating SSB. If I could only have one, I'd choose the IF filter. 73, John

4512. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: croaker@access.digex.net
Message-ID: <znr817238843k@Digex>
Source record: 209945
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio

In article <492ab0$jfm@alterdial.UU.NET> skuter@tcgcs.com writes:

> >I'm new to this. What does "spam" mean? Is it Latin or Italian for
> >something?
>
> "Spamming" is when a message is posted to serveral, even all,
> newsgroups at once. Prime examples of spamming occur when some goober
> posts a "Make 20 Zillion Dollars by Picking Your Nose" post to every
> single newsgroup in existence. Then, in each of those newsgroups 50
>
> I notice that I am posting this response to all the rec.radio.xxx
> groups. Since I don't know where this thread originated, I'll leave
> it that way....and now I too have become a "spammer"!!!

Not really. You have posted 'velveeta' (Vegetarian spam).

The difference is that velveeta is crossposted (note the newsgroup line). On the internet, this message will cross the backbone once, and be stored on the ISP host harddrives once, with references to the crossposted newsgroups. It can't even really be called velveeta because you were answering a valid question, even if it was off-topic for the newsgroup in question.

Spam is a message, usually commercial in nature, that is posted once for every newsgroup. In this case, the same message will cross the backbone and be stored on the harddrive once for each newsgroup, resulting in massive waste of bandwidth and disk space.

Internet lore: the term was derived from the Monty Python skit, were 'spam' was said/sung numerous times. It was a really funny skit, too.

Hope this helps.

73s

Frank Ney EMT-A N4ZHG LPWV NRA(L) GOA CCRKBA LEAA JPFO 'M-O-U-S-E'
Sponsor, BATF Abuse Page http://www.access.digex.net/~croaker/batfabus.html
"A wise man once pointed out that the American eagle eats carrion, never picks on anything its own size and will soon be extinct. That being so, perhaps Americans ought to select a symbol more in keeping with their current condition, like a milked cow, a sheared sheep, a plucked chicken, or a slaughtered steer."
- L. Neil Smith, speaking as W.W. Curringer, _Pallas_

4513. Re: Even my wife thinks hams are...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: mulveyr@vivanet.vivanet.com
Message-ID: <4952h8$n9e@vivanews.vivanet.com>
Source record: 209946
Cross-posted to: radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space

Dennis A. Mason (damason) wrote:
: Burt must be a Chicken Bander.

Please, we don't appreciate fowl language here.

Rich Mulvey, aa2ys Rochester, NY USA
mulveyr@vivanet.com
aa2ys@net.wb2psi.ampr.org
aa2ys@wb2psi.#wny.ny.us

4514. DR 130 by Alinco

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: Karl-Heinz.Merscher@uvw.uni-bayreuth.DE
Message-ID: <353EB11BE5@btv0g3.nov.uni-bayreuth.de>
Source record: 209947

> Here is the expanded TX mod for the Alinco DR-130:
> 1. Open the top of the case by removing the three screws.
> 2. Locate the blue loop of wire near the display, facing toward you.
> 3. cut the blue loop of wire, and tape up the ends.
> 4. replace cover of the radio.
> 5. reset the radio by holding the function key down and turning on the power.

Everything worked OK. The RX is no much wider than before!
Does anybody know what function the red wire loop which is closed to
the blue wire loop has? Maybe it will enlarge the TX?

Any experiences, any suggestions?

Bye de AA1KD, Karl-Heinz

4515. Re: RS HTX-212 = MTX-146?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: BSDS13A@prodigy.com
Message-ID: <494j93$12oo@usenetw1.news.prodigy.com>
Source record: 209948

Hi, this is John WA4BMG. I am also looking for mods for HTX212.
I don't anything about the Kenwood question but I was told the unit is
from Korea. I have had some trouble with mirophonics from the speaker
both internal as well as external. I would like to know if anyone has had
a similar problem and might have a fix- Tnx es 73

John WA4BMG

4516. PRODUCT REVIEW: PALOMAR ENGINEERS' TUNER TUNER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: mc@shore.net
Message-ID: <495b8o$at6@northshore.shore.net>
Source record: 209949
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

PRODUCT REVIEW: PALOMAR ENGINEERS' TUNER TUNER

The Tuner Tuner does just that - allows you to adjust your antenna coupler to a given frequency without using your transmitter. This is particularly important for those using solid-state finals that are not particularly forgiving if they don't see close to 50 Ohm impedance. Not to mention cuttingdown on the QRM!

The Tuner Tuner is easy to install - simply put it in line between your transciever and antenna transmatch. Install a 9V battery and you re done. To use, tune your receiver to the desired frequency, and switch the Tuner Tuner to TUNE. Adjust your antenna tuner for a null in the noise from the receiver and your antenna is tuned to match the transmitter on that frequency. Make sure to turn the Tuner Tuner OFF (or you'll risk putting R F into it). Its that simple! If you do forget to turn the Tuner Tuner off you will blow the internal fuse (and a spare is provided!) but otherwise the instrument will be unharmed.

When I first saw this accessory in the Palomar catalog I wondered why anyone would want one. I thought I could use the Palomar R-X Noise Bridge to accomplish the same task, ie: preset my antenna matching unit to different bands and frequencies and note the settings for future reference. What I hadn't taken into account is the fact that the antenna impedance would vary at a given frequency under different conditions, like ice. The tuner tuner was designed to be left in line and switched on as needed.

The Tuner Tuner is well constructed of quality materials and is a worthwhile adjunct to any antenna tuner system.

%T Tuner Tuner
%A Palomar Engineers,
%I PO Box 462222, Escondido CA 92046
%C (619) 747-3343
%D Model PT-340
%O $99.95 + $6.00 S&H

(C) 1995
Michael Crestohl KH6KD/W1
Nahant Massachusetts USA
mc@shore.net

DISCLAIMER: I have no interest, financial or otherwise, in the success or failure of the book or materials reviewed herewith, nor have I received any compensation (other than a review copy requested by me) from anyone who has. All opinions expressed are strictly my own.

Other Internet and Aviation book/software reviews by me can be obtained
by anonymous FTP from: x2ftp.oulu.fi in the /pub/books/crestohl directory.

4517. Kenwood TS 50

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: jtreilly@westnet.com
Message-ID: <4936tg$j4k@mycroft.westnet.com>
Source record: 209950

I am looking for a used TS50 for a club station, cheap. If you can help, please let me know.

Thanks,

Jeff
AA2SK
jtreilly@westnet.com

--

4518. Used SWAN 250 for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: techmar@ix.netcom.com
Message-ID: <495e93$rcg@ixnews4.ix.netcom.com>
Source record: 209951

I have a Swan 250 on my shelf with the power supply ready to go on 6
Meters. Make an offer and your on the air....
The condition is clean.
You can fax me at 914-698-6801 or call me at 914-698-6800 during the
day, or E-mail me at Techmar@ix.netcom.com

73's

Murray

4519. Re: kenwood 850 to kam fsk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: garyn@tir.com
Message-ID: <493rph$j2q@ramp2.lisp.com>
Source record: 209952

wrt@eskimo.com (Bill Turner) wrote:

>In article <48mlig$ffm@horn.wyoming.com>,
> dbreazil@wyoming.com (Don Breazile) wrote:
>>I have a kenwood ts-850 comming in the mail. was wondering if anyone can
>>give me pointers about connecting it for fsk to the kam-plus
>>also any other info about the 850 that I might need to know
>>thanks Don
>--

>I have the same setup. Just follow the factory instructions. It worked
>perfectly the first time. When I added a 250 Hz filter to the Kenwood I did
>do some tweaking of the KAM's settings for mark and space to get them exactly
>aligned with the '850. If you need to do that, and if you're running
>Hostmaster II software, be sure to set the default shift to MODEM rather than
>a number. Otherwise you'll lose your changes every time you exit the RTTY
>mode. Right now before you have the rig in hand you're probably wondering
>what all that means, but after a bit of playing with it, it'll come clear.

Snip

Try powereing the Kam from a different PS than the '850 , there is an
occasional problem with the xmit audio being distorted when the Kam
and TNC are powered by the same source.
I used different supplies and never had a problem.
You'll love the quiet t/r switching of the '850

Gary

--
garyn@tir.com <Gary Newberry>
Sometimes you're the bug, Sometimes you're the windshield

4520. Re: CW Filter 250 or 500hz???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4940j3$6dc@newsbf02.news.aol.com>
Source record: 209953

In article <harp.61.0@bnr.ca>, harp@bnr.ca (Alan Harp) writes:

>
>I would choose the 250. No contest!
>
>

Me too, that's all I use here!!!!!! It works super. 500 is too wide.
Tom

4521. Re: Any mods for the HTX-202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-24 00:00:00 UTC
From: Bob Winingham <kc5ejk@onramp.net>
Message-ID: <493ucq$9o9@news.onramp.net>
Source record: 209954

In <490fch$ig9@acme.freenet.columbus.oh.us>
rhuffman@freenet.columbus.oh.us (Rick Huffman) writes:
>
>
>Does anyone know of any mods for the HTX-202? I found a used one and
was just
>wondering. Thanks
>
>Rick
>--
>

Only mod I've ever heard of: Paint it a different color.

John
KE6TGN

What function keys do you push to change the color ??? :-)

There is a small circuit change for 9600 Baud packet.

We need a few new word for the three types of mods.

1. Function Key changes to the CPU
2. Cutting jumpers to enable a new option
3. Re-wiring and circuit changes.

73

Bob kc5ejk@onramp.net

4522. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: ctrask@primenet.com
Message-ID: <495pba$jv6@nnrp1.news.primenet.com>
Source record: 209866

Nick Feliccia (feliccia@unix3.netaxs.com) wrote:

: Has anyone notice how DAMN expensive ham equipment is.

** SNIP **

Not really. I have been a homebrewer since high school (1969), when my budget was such that a TV set by the side of the road was considered a gold mine. Made a lot of nice equipment from that burned-out junk. At that time, I drooled over the Heathkit catalofues with their SB-series equipment. By way of unleashed scrounging, I now have a fairly complete SB station. But, I still homebrew.

** SNIP **

: What can we as hams do nowadays about this? Do we turn to Homebrewing. I am
: an EE and I know what it takes to build something. If you have a nice variety
: of parts, etching facilities, a 20 MHz scope at least, in short a working
: electronics lab you can do it. Otherwiese I feel making anything but a
: groundplane is more trouble than it is worth.

** SNIP **

Ah, yes: It's soapbox time. Here it is:

As they say, EE heal thyself. Any engineer, in any discipline, who feels that rolling up his (her) sleeves is not worth the effort, should get out of the profession and make more room for people with genuine engineering talent. Flame me if you will, but an engineer who does not enjoy his profession is about as useful as a sex partner who does not participate. And by that I mean that they are without any value whatsoever.
Heathkit did not die as a direct result of the lower cost of Japanese "appliances." It died because our society stresses convenience and instant gratification, and places little or no (often negative) value on hands-on labour and personal accomplishment.
In a very disturbing article in Design News some years ago (I still have the clipping somewhere), it was revealed that Stanford University has a first year engineering course which I have named "Tinkering 101." In this course, students are given such things as bicycles, etc., to dismantle and then reassemble, the goal being to interest the students in the art of "tinkering." It is my opinion that this should be part of the entrance exam for engineering.
I've met engineers who turn white as a sheet when they get near the machine shop door, including one mechanical engineer who didn't know the first thing about a vertical mill. The shop supervisor forbid him entry.
Is it any wonder to those of us who like getting dirty that the best engineers often don't have degrees? They learned the hard way, be-

cause they enjoy it.
So, if you are a degreed EE, and a ham as well, then you have no reason to not being a homebrewer. You should, in fact, be out there providing the technical leadership that this art (not hobby) needs. You don't need the latest and greatest test equipment. Your project doesn't have to have all of the features of Kenwood or Yaesu. It just has to work well enough to get you on the air.

Okay. Take your best shot. Aim well: I don't die easy.

Regards,

Chris

Chris Trask / N7ZWY Circuit Design for the RF Impaired
ATG Design Services __ __ ____ ___ ___ ____
ctrask@primenet.com _~_ /__)/__) / / / / /_ /\ / /_ /
(@ @) / / \ / / / / /__ / \/ /___ /
----------oo0~(_)~0oo----------

4523. Source for Tower?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: grscott@nc5.infi.net
Message-ID: <4964v9$kda@news.infi.net>
Source record: 209867
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

I am not an amateur radio operator, but I do want to erect a tower (currently only for an anemometer, but perhaps ultimately for a wind generator if the wind measurement provides sufficient justification) somewhere between 80 and 120 feet high.

Since I can weld and have hydraulics available, I may just buy some long H-beams and build my own fold-over tower; however, if I can find a good source for a more conventional triangular tower, I might go that way. Anybody got any recommendations they'd care to share?

Thanks!

4524. need help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: FRONTIER@accessnv.com
Message-ID: <496cbr$1c8_002@bighorn.accessnv.com>
Source record: 209868
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,

Hi!

Does anybody know, what following is worth:

Heathkit SSB Transceiver Model HW-100
with Assembly Manual

somebody must have modified it or so, because on the top of the large piece, there is a hole cutout and in the hole is another piece coming out. I don't know if it works, there is no Power cabel.

Any help would be appreciated, or if somebody is interested in it, please make me an fair offer.

Thanks
Johanna
frontier@accessnv.com

4525. Re: CW Filter 250 or 500hz???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DIKuCw.IsG@eskimo.com>
Source record: 209869

In article <48qeb6$jm@pcnet2.pcnet.net>,
nema@pcnet.com (Richard Lubash) wrote:
>I wish to buy a narrow band filter for my Yaesu Ft900 they offer a 250
>or 500hz filter I work 40 meters at night which is kind of a QRM jungle
>does anyone have a recomendation.
>
>Thanks in advance
>Richard
>N1VXW

If you're only going to work CW and possibly RTTY, the 250 Hz filter is the best choice. If you might want to work AMTOR or PACTOR someday, the 500 Hz would be the one. Those modes need slightly more than 250 Hz.

73, Bill W7LZP
wrt@eskimo.com

4526. Re: Kenwd if-232C interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <496pjh$8if@news.iii.net>
Source record: 209870

Hi Fred,
I have one interface kit left.
If your interested, E-mail sefranek@iii.net.

73
Tom
WA1RHP

4527. Dual-Band Mobile Radio For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01HY1D7CE0AO8WW8DX@SUNBELT.NET>
Source record: 209871

For Sale a Kenwood TW-4000A Two Meter and 440 Mhz
Mobile.Radio is in great working condition and looks good
digital readout,Programble on both UHF and VHF has 10
memory channels also scans both memory channels and
two meter and 440 mhz band.Comes with manual and
touch tone mikephone .$275.00 shipped or will do some
tradeing for a Yaesu FT-2200 two meter radio.

Email too Bobby Raymer braymer@sunbelt.net

--

4528. Re: IF filters vs DSP for CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4973cn$s7f@newsbf02.news.aol.com>
Source record: 209872

In article <johns516.62.00431A02@maroon.tc.umn.edu>,
johns516@maroon.tc.umn.edu (Craig B. Johnson) writes:

>How do these two approaches compare for increased selectivity? For
removing
>QRM? I assume the DSP units are are better at removing QRN. True?
What
>am
>I missing.
>
>Any comparisons would be appreciated.
>
>73, and thanks.
>
>Craig, AA0ZZ (nifty new call, huh?)
>
>
Hi Craig,

The closer to the antenna, the better the filter or noise reducer works!

Re selectivity, audio DSP's improve copy a large amount. But the best
choice (if you operate a lot of CW ion crowded bands) is an IF filter. If
you depend only on a DSP, strong close in signals will reduce the audio
level of the signal you want to hear. They can also won't stop beat notes
from late IF, detector, or receiver audio overloading that may cover up
the desired signal even with a highly selective audio filter.

The same goes for noise reduction. By the time the noise makes it through
the receiver, it "appears" very similar to the desired signal in waveform.
An audio DSP has a very difficult time removing noise at that point.

DSP's are worthwhile, but can't make up for all receiver shortfalls.
73 Tom

4529. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: Michael Neidich <neidich@interport.net>
Message-ID: <4974fr$mjo@park.interport.net>
Source record: 209873
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

We (in the collective sense) have entered the era of the super-store, wherein you must already know what you want. We have brought it upon ourselves, for we gave up buying in the friendly store that actually demonstrated the product to the prospective buyer. The friendly neighborhood store is dead. We the consumers shop by mail, and make our selection based upon price--not advice, not service, and not support. The Internet expands this problem to the nth power. And it will get far worse. Remember when you could buy stationery at other than Staples? That which ye sow, so shall ye reap. Be of good cheer! Shop locally and let the guy make a living.

4530. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: "Charles Jack Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <30B73870.3032@aries.scs.uiuc.edu>
Source record: 209874
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Michael Neidich wrote:
>
> We (in the collective sense) have entered the era of the super-store,
> wherein you must already know what you want. We have brought it upon
> ourselves, for we gave up buying in the friendly store that actually
> demonstrated the product to the prospective buyer. The friendly
> neighborhood store is dead. We the consumers shop by mail, and make our
> selection based upon price--not advice, not service, and not support.
> The Internet expands this problem to the nth power. And it will get far
> worse. Remember when you could buy stationery at other than Staples?
> That which ye sow, so shall ye reap. Be of good cheer! Shop locally and
> let the guy make a living.

I think you missed the point. The guy lied to him.
--

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

4531. rechargable alkalines- comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: reinerp@panix.com
Message-ID: <4977af$1qd@panix2.panix.com>
Source record: 209875

How do the new "millenium" rechargable alkalines compare with
nicads in terms of power output and life?

4532. Re: IF filters vs DSP for CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <497730$gv2@castle.nando.net>
Source record: 209876

>>How do these two approaches compare for increased selectivity? For
>removing
>>QRM? I assume the DSP units are are better at removing QRN. True?
>What
>>am
>>I missing.
>>
>>Any comparisons would be appreciated.
>>
>>73, and thanks.
>>
>>Craig, AA0ZZ (nifty new call, huh?)

>Hi Craig,
<snip>
>DSP's are worthwhile, but can't make up for all receiver shortfalls.
>73 Tom

Hi Craig! I'll second Tom's statement. I've tried (and have) both
filters. An IF filter will surpass the performance of the DSP in the
selectivity department. DSP is nice for noise reduction and automatic
notch action, but I've found good IF filters to be much better for
improving selectivity than DSP.

Just my $.02 :-)
73 de Dave WB4IUY

4533. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: Mike Whatley <73057.2225@CompuServe.COM>
Message-ID: <4978k4fnc1@mhafm.production.compuserve.com>
Source record: 209877

Chris--

we've heard all this crap before. Ham radio *isn't expensive*
relative to other hobbies. Try Sky diving, Wind surfing, model
railroading, chasing poon tang. (Naah-- you're a ham with a double
E--- you wouldn't be interested in pussy.)

Nobody builds rigs anymore and for good reason. It's a waste of
time.

Get a part time job if you can't afford the hobby or get the hell
out.

-mike wa4d -(who just happens to have some gear for sale.
TS-940,TL-922)

--
Mike Whatley

4534. Re: PRODUCT REVIEW: PALOMAR ENGINEERS' TUNER TUNER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: KOELG@CUNYVM.CUNY.EDU
Message-ID: <95329.102255KOELG@CUNYVM.CUNY.EDU>
Source record: 209878
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Just a quick note on noise-generating matching devices..while they work well I have found them to be useless on an active band. The noise level is often well below the ambient signals and noise, so you can't hear well enough to find the null. It works well on a quiet band, but don't expect it to be too helpful i n the midst of working a rare on.

4535. Re: PRODUCT REVIEW: PALOMAR ENGINEERS' TUNER TUNER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: mtracy@mgate.arrl.org
Message-ID: <497bu5$2kd@mgate.arrl.org>
Source record: 209879
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Michael Crestohl (mc@shore.net) wrote:
: PRODUCT REVIEW: PALOMAR ENGINEERS' TUNER TUNER

: frequency. Make sure to turn the Tuner Tuner OFF (or you'll risk putting
: R F into it). Its that simple! If you do forget to turn the Tuner Tuner
: off you will blow the internal fuse (and a spare is provided!) but otherwise
: the instrument will be unharmed.

Michael, et. al. - Just be sure you don't blow the fuse more than once! The rating is 1/100th amp, which is very hard to find!

73 de Michael, KC1SX

4536. JST245 Mod wanted..

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: killer@lorien.creol.ucf.edu
Message-ID: <496js1$1er@news.cc.ucf.edu>
Source record: 209880

Hello!
I am looking for mods. for the JST245 transceiver. Thanks in advance.

--
Kijun Park - killer@lorien.creol.ucf.edu, http://www.creol.ucf.edu/~killer
Center for Research and Education in Optics and Lasers - CREOL
University of Central Florida, Orlando, FL 32826
407-658-6865(Lab), 407-658-6880(Fax), 407-382-7219(Fax) de HL2AMO k

4537. Re: 706 vs Yaesu 900 observations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: tgriff@ix.netcom.com
Message-ID: <30b70a3d.1955055@nntp.ix.netcom.com>
Source record: 209881

"Joseph H. Wilkowski" <jhw.dtfe@xerox.com> wrote:

>Folks, I have tried to retieve earlieer articles about the 706 and have
>no luck. (maybe its the browser) I see that there was a lot of buzz about
>the 706 but nothing at all about the 900. Looking for observations,
>please or if you have copies of reviews or opinions I would be
>interested. I have a couple of reservations about a rig that is dc to
>daylight (706) but its hard to get info from folks...
>
>tnx in advance//
>
>73's
>
>/joe k8fc
>
I have a number of them saved which I'll be glad to forward to you by
email.

Tom

4538. Re: Radio with Taping at Selected Times?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: wayne@netcom.com
Message-ID: <wayneDILtuD.DsF@netcom.com>
Source record: 209882

With respect to my original posting, I've had a couple of
responses that get me close to an ideal. There are at least two
receivers: Sony SW-55 for about $350 with output to a separate
recorder, and a Sangean, sorry I don't have the number available, with
a built in recorder for about $200.
I wonder if it might be possible to modify a VCR to something
along the lines I originally described? That is, use the timer to
turn on an AM/FM radio that has a tape recorder, and removed
any connection to the VCR's recorder. Of course, the
radio would be set for only one station.
My current solution was to buy a cheap AM/FM radio with
recorder, and a Radio Shack digital appliance timer.

--
Wayne Watson wayne@netcom.com (415) 969-4233
Mountain View, CA

4539. Re: IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: Daniel Calzaretta <pcrest@teleport.com>
Message-ID: <497k0b$433@maureen.teleport.com>
Source record: 209883

Can someone tell me what a synchronous detector is and why is it good for SWLing? How does the SSB detector work for SWLing?

Thanks,

Dan

4540. Index Labs QRP+ vs Ten Tec Argo

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: okstein@primenet.com
Message-ID: <okstein.132.000EAC5A@primenet.com>
Source record: 209884

has anyone had experience with these two rigs? What are some of the pros and cons of each? Thanks.

4541. Yaesu FT-51R and No Cross Band Repeat.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: kharvey@goldrush.com
Message-ID: <497m6v$8js@sneezy.icinet.net>
Source record: 209885

I did the extended receive mod by holding the arrow keys and ever since the cross band repeat does not function. The function says RPT ***** in the display but nothing is repeated. Any suggestions? Please email me at the below address. Thanks a bunch.

Ken Harvey - kharvey@goldrush.com
WWW - http://www.goldrush.com/~kharvey

4542. Heath SSB Amp HA-14

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: jaywward@gate.net
Message-ID: <497sij$1l8e@hopi.gate.net>
Source record: 209886

I was recently given a Heathkit HA-14 SSB amplifier. I have no power supply or docs. There is an HV input on the back that I assume means High Voltage and a multi pin power connector. Any body have any docs on this beastie?

All help greatly appreciated. 73

Jay KE4ZOG

4543. WTB: Cheap packet for 14yr old.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: dansi@news.epix.net
Message-ID: <49845d$f05@guava.epix.net>
Source record: 209887

I am looking for a cheap packet tnc that will be compatable with my 286,
yes a 286! Old, but usable. So, if anyone would like to donate =)
(I would be -* Most *- greatful even a 1200 would be fine.) Or would
like to sell one to me for a cheap price, please e-mail me. (no flames)
My call is N3NMD, just so you know I'm not joking. I just spent my
savings on a computer, yes this one. And my parents are not having the
best of times money wise. P.S. I can repair computers, tv's, clean
VCR's, and misc. for a price reduction.
Looking forward to any replies -(no flames please)-
Dansi@epix.net
N3NMD

4544. Moto locomotive, clean cab

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: tom medlin <tcmedlin@cris.con>
Message-ID: <30B7B232.665F@cris.con>
Source record: 209888

i need help obtaining information on some vhf moto radios which were donated to our amateur radio group. the following information is on the labels on the back of the radios: EA 070-2460-2 locomaotve, cleancab, dual voltage 12/72 vdc. 64/97 channels programmable, with wired in mircophone. also on the back is the moto tag which says: motorola, moddel no. mbr33cue1170ads9, serial no. 843pqe5095, rf 35 watts, fcc id no. abz9qbt3678, made in canada.

in order to get these to work, we need documentation, schematics, and a way to program the freq. think this is done by pc program and thru a cable which connects into the radio. need info about the programming software, and how to get or make the cable. if anyone can help, please email me at tcmedlin@cris.com thanks for your help, tom, wa5kub
.

4545. National HRO - 7 Receiver: What's it worth ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: fsaul
Message-ID: <4985vf$atp@prometheus.localnet.com>
Source record: 209889

Have an old National HRO-7 Receiver. What might it be worth
if I were to sell it?

4546. TS450/TS690 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: jdear@mail.bayou.com
Message-ID: <4978e0$jhl@news.dx.net>
Source record: 209890
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I have an article which describes 2 mods to the KW TS450/TS690 series radio. One is well documented which I have done, the other simply says to remove diode (if my memory is correct) D19 in the PLL circuit. It gives no other explanation as to why or what this does. Does anyone know???? If so, I would appreciate a response before I attempt surgery. :-)
73 Jim KG5VE
jdear@mail.bayou.com

4547. RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: "Jeffrey L. Bowman, MD" <jlbowman@inetdirect.net>
Message-ID: <30B7303B.1EB1@inetdirect.net>
Source record: 209891

Does any one know of the remedy for RF interference in the Ford Explorer? I seem to recall a blurb about the source (fuel pump, I think) a while back. For some reason, there is wideband electrical RF noise generated that de-senses and interferes with normal VHF and UHF mobile operations.

If you have any info please drop me a note....

Regards,

Jeffrey

jlbowman@inetdirect.net
jffryaa9gp@aol.com

4548. old clegg and polytronic radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: MVBC06A@prodigy.com
Message-ID: <497cc9$sq8@usenetp1.news.prodigy.com>
Source record: 209892

hi all,
i'm looking for manuals and power cords or info on making a power cord
for an old clegg 22'er and a polytronics pc2. the plug in spot on the
back of the radios have a series of metal tabs sticking out in the shape
of a rectangle.
anyone with any info that could help, please let me know
thanks
ernie

4549. Re: IF filters vs DSP for CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov25.154618.9417@ke4zv.atl.ga.us>
Source record: 209893

In article <4973cn$s7f@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>The closer to the antenna, the better the filter or noise reducer works!
>
>Re selectivity, audio DSP's improve copy a large amount. But the best
>choice (if you operate a lot of CW ion crowded bands) is an IF filter. If
>you depend only on a DSP, strong close in signals will reduce the audio
>level of the signal you want to hear. They can also won't stop beat notes
>from late IF, detector, or receiver audio overloading that may cover up
>the desired signal even with a highly selective audio filter.
>
>The same goes for noise reduction. By the time the noise makes it through
>the receiver, it "appears" very similar to the desired signal in waveform.
>An audio DSP has a very difficult time removing noise at that point.

This latter point is a catch-22 situation. The reason noise looks
"signal-like" at the detector is because of the sharp filtering in
the receiver IF, which shapes the power spectral bandwidth of the noise
to resemble that of the desired signal. If you don't run sharp filters
in the IF, the DSP will have an easier time distinguishing signal from
noise, and will do a better job "denoising" the signal. But of course
you have all the other problems Tom mentions when you do that.

So, if there are undesired strong signals in the passband, the best
way to deal with them is with an IF filter. But if the problem is
mostly noise, a wider receiver IF filter and a DSP will work better.
In either event, however, the DSP will sharpen the skirts of any
IF filtering which is present, and that's generally beneficial.

Perhaps the most benefit from the denoising capability of the
current generation DSPs is derived by a DC receiver. Since it
has no IF filters, it doesn't shape the noise spectrum to resemble
signal, and the DSP can much more easily remove the noise. Also,
since the DC receiver has only a mixer (and perhaps one RF stage)
before the DSP, it is less subject to some of the ills that a
superhet suffers with nearby signals pumping or overloading the
RF and IF stages, IE you can't have AGC pumping if you have no
AGC, or if your AGC is audio derived and thus *includes* the
DSP filter in the loop. In the latter case, you're no worse off
than if you were using a superhet with a narrow IF filter as
far as AGC pumping is concerned.

The only real drawbacks to DC receivers with DSP is that conventional
DC receivers have no image rejection, and inexpensive DSP units have
only a modest dynamic range. The former problem can be attacked via
phasing, as in the R2 receiver. The latter can be mitigated by use

of audio derived AGC to control the receiver RF stage gain (or the attenuation of a PIN diode in the front end). The latter is probably preferred for most HF operation.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4550. Re: IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <496ju2$u80@crow.cybercomm.net>
Source record: 209894

There have been dozens of them over the last month..
Try doing a search..

Steve, wa2nhz

4551. Wanted: Yaesu FT-109RH

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: jsraskin@ix.netcom.com
Message-ID: <496tfe$i72@ixnews5.ix.netcom.com>
Source record: 209895

I'm looking for one, please let me know if you have one for sale.
Thanks.

JR

4552. Kenwood/Icom/Yaesu/Heath

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: Bootlegger@msn.com
Message-ID: <00001fed+00001f4c@msn.com>
Source record: 209896

For Sale:

Kenwood TS-690S HF/6 Meter rig. $1200.00

Icom IC-2700H 2Meter/70cm mobile $575.00 (never mobile)

Yaesu FT-2500H 2 Meter mobile $275.00

Heathkit SB-1000 HF Amp single Eimac 3-500Z tube $650.00
Local Pickup only on the HF amp.....Metro St. Louis

Call Bob N9MSS (618)939-7581 or Bootlegger@msn.com

4553. Yaesu FT-51R and No Cross Band Repeat.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: ken.harvey@panda.org
Message-ID: <8B5A316.04B4000001.uuout@panda.org>
Source record: 209897

```
MSGID: mid__497m6v$8js@sneezy.icinet.net 58670001
REPLYTO 1:330/317 UUCP
REPLYADDR kharvey@goldrush.com
PID GIGO+ sn 395 at panda vsn 0.99.950801
From: kharvey@goldrush.com (Ken Harvey)
Subject: Yaesu FT-51R and No Cross Band Repeat.
Organization: InfoNet Communications

I did the extended receive mod by holding the arrow keys and ever since the
cross band repeat does not function. The function says RPT ***** in the
display but nothing is repeated. Any suggestions? Please email me at the
below address. Thanks a bunch.

---------------------------------------------
Ken Harvey - kharvey@goldrush.com
WWW - http://www.goldrush.com/~kharvey
---------------------------------------------

---

* Origin: Usenet: SATINS/Net330 uucp gateway * PandA's Den BBS *In (1:330/317)
```

4554. Heath SSB Amp HA-14

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-25 00:00:00 UTC
From: jay.ward@panda.org
Message-ID: <8B5A383.04B4000002.uuout@panda.org>
Source record: 209898

```
MSGID: mid__497sij$1l8e@hopi.gate.net 43f70001
REPLYTO 1:330/317 UUCP
REPLYADDR jaywward@gate.net
PID GIGO+ sn 395 at panda vsn 0.99.950801
From: jaywward@gate.net (Jay Ward)
Subject: Heath SSB Amp HA-14
Organization: CyberGate, Inc.

I was recently given a Heathkit HA-14 SSB amplifier. I have no power supply
or docs. There is an HV input on the back that I assume means High Voltage
and a multi pin power connector. Any body have any docs on this beastie?

All help greatly appreciated. 73

Jay KE4ZOG

---

* Origin: Usenet: SATINS/Net330 uucp gateway * PandA's Den BBS *Cy (1:330/317)
```

4555. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: emdx@accent.net
Message-ID: <498k6u$5ee@news0.accent.net>
Source record: 209899
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

==========

dmwelch@ornews.intel.com (Don Welch)
�crivit le - wrote on 14 Nov 1995 17:01:27 -0800:

>jimc@mdsroc.com (Jim Clarke) writes:

>>I've only been an amateur radio operator for 18 years and I would have to
>(snip)
>>Don't let the bad apples spoil the excitement that can be found in amateur
>>radio, there is something there for everyone (wives/girlfriends too).

>Speaking of HAM radios, could this group help me out? Every time I go and
>dive with my radio set, the fuse blows. What's the trick here?

It could have something to do with your set antenna's SWR. What does
the S-meter says just before the fuse blows?

----------Pour la R�publique Fran�aise du Qu�bec----------
In a Republic, society should be like school, whose prime mission is to
teach citizens how to judge for themselves by their own natural light.
In a democracy, it is school that must look like society, and it's prime
mission is solely to produce people adapted to the job market.
R�gis Debray in "Are you a democrat or a republican?"
- Marc Dufour -- [\]ACUC 6 31874 & TDI -- http: will soon be relocated -

4556. Re: Comments on JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: sheriff@ix.netcom.com
Message-ID: <498gh8$9d6@ixnews6.ix.netcom.com>
Source record: 209900

In <490u56$pfd@maw.montana.com> dandroxl@montana.com (Dave and Rox) writes:
>
>Am Considering buying the JPS ANC-4 Antenna Noise Cancller. Does anybody
>have any experience or comments on this unit?

Yes, I picked one up today, to see if it would remove computer noise on my hf rig. Worked as advertised, I had a s3 noise signal coming from my computer monitor, on the freq I was tuned to and was able to completely remove it. I had tried a number of thing to rid myself of computer hash and I was impressed on how well this worked. Only complaint, is it takes a bit of playing with, before you get a feel for how it works.

-Bill KF0QN

4557. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <498nv8$d09@ssi.syspac.com>
Source record: 209901

butch@apollo.wes.army.mil (Butch Magee) wrote:

>I used to say the very same thing Nick,...way back in the late '50s and
>early '60s.....It was not only expensive (for me), but, it was big, heavy
>ran hot, wouldn't stay on frequency, and 'din have no bells and whistles.
>Life is a bitch Nick.

>Butch KF5DE

Ypu hit it solid Butch-
I started this hobby in 1965 at 14 years old. Ham gear was expensive
then and it is now. I found out how to get around the problem tho. I
work my butt off and go out and buy what I haven't built. What a
"bold, new concept".

Amateur Radio Station K7NO *
e-mail to dnorris@k7no.com *
Homepage - http://k7no.com/~dnorris *

4558. Re: The idiot ham trade.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: ejp@anv.net
Message-ID: <498i5n$416@bighorn.accessnv.com>
Source record: 209902
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

In article <48lp3c$jaa@tribune.usask.ca>, aa266@sfn.saskatoon.sk.ca
says...
>
> What about free BEEF???

Are you that dumb to post this stupid response to that many newsgroups???
This kind of behavior will probably kill any usefulness of these
newsgroups. Look at the list of places you have crossposted this. You are
stupid beyond belief!!!

--

Earl Petersen E-Mail: ejp@anv.net
KF7TI ejp@gty.ci.henderson.nv.us

4559. Re: Source for Tower?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov26.152418.14900@ke4zv.atl.ga.us>
Source record: 209903
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <4964v9$kda@news.infi.net> grscott@nc5.infi.net writes:
>I am not an amateur radio operator, but I do want to erect a tower (currently
>only for an anemometer, but perhaps ultimately for a wind generator if the
>wind measurement provides sufficient justification) somewhere between 80 and
>120 feet high.
>
>Since I can weld and have hydraulics available, I may just buy some long
>H-beams and build my own fold-over tower; however, if I can find a good source
>for a more conventional triangular tower, I might go that way. Anybody got
>any recommendations they'd care to share?

Yeah, consult a *competent* structural engineer. With that long a
moment arm, wind loads become significant for even modest frontal
areas. The Rohn tower catalog has a good deal of information on
this, but if you're building your own tower you'll need competent
analysis to determine its wind survival rating with various wind
load areas on top. Don't expect to put up a big wind generator, IE
anything with a swept area larger than about 10 square feet, without
doing some serious structural engineering.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4560. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: wa6ube@aol.com
Message-ID: <49aco6$ru5@newsbf02.news.aol.com>
Source record: 209904
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

In amateur radio parlance, SPAM is a an amateur radio interest group that promotes the use of A.M. (Amplitude Modulation) using older, usually vacuum tube transmitters.

SPAM: Society for the Preservation of Amplitude Modulation

check 75 meters around 3870-3885 KHz in the evenings if you live on the west coast of the U.S.

Trish
WA6UBE@aol.com "The Vertical Skywave Girl"
Mobile radio repair shop supervisor - City of San Jose, GSA-Communications

4561. Re: Even my wife thinks hams are...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: mcovingt@ai.uga.edu
Message-ID: <49a9on$o9l@hobbes.cc.uga.edu>
Source record: 209955
Cross-posted to: radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space

Burt Fisher (k1oik@ccsnet.com) wrote:
: I received a call today from a ham who would not identify himself. I
: repeatedly asked him who he was, even saying to him that if he had an
: opinion worth anything it is reasonable to expect he state who he was.
: Still he he refused. I then commented that he was "so typical ham, no guts."

Why do you presume he was a properly licensed ham?

--
Michael A. Covington http://www.ai.uga.edu/faculty/covington/
Artificial Intelligence Center <><
The University of Georgia Unless specifically indicated, I am
Athens, GA 30602-7415 U.S.A. not speaking for the University.

4562. Ramsey PA20 preamp bypass mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: recurry@insighttec.com
Message-ID: <4994mf$oc1@voyager.Internex.NET>
Source record: 209956

Can anyone help with the details of disabling the PA20 preamp. I don't have schematics for this and the preamp appears to be not to good.

Thanks,
Ron Curry KE6WED

Ron Curry
KE6WED
recurry@insighttec.com
recurry@inside.intel.com

4563. Re: Which rig: FT1000 or FT1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: forbes@intac.com
Message-ID: <49966n$gvt@uucp.intac.com>
Source record: 209957

In article <492498$qph@ram2.ramlink.net>, subich@ramlink.netï¿½ says...
>
>In <Pine.BSD/.3.91.951122101544.17307A-100000@avatar.avatar.com>, Kory Hamzeh
<kory@avatar.com> writes:
>>
>>I'm very new to HF and I'm trying to decide which radio to purchase: the
>>Yeasu FT1000 (not the D model) or the FT1000MP. The price difference
>>(mail order) is only about $200, so price is not a deciding issue. I'm
>>mostly interested in DXing with SSB and CW.
>
>Check out the included filters, etc. on the FT-1000 (non-D) vs. the FT-1000MP.
>You will find the cost of the original FT-1000 goes up significantly if you
start
>adding necessities like the CW filter in the sub-receiver, and accessory
filters
>in the main receiver. I'm not sure, but I believe the MP includes those
filters
>"stock." If so, the MP is the better buy (and you won't miss the extra 100
>watts).
>
W e l l ....
I just bought the 1000MP, and the "stock" transceiver does not come with 500
or 250 Hz filters in either 8.215Mhz or 455Khz IFs. I bought the 500Hz filters
for 8.215Mhz and 455Khz IFs, list($179 each).

The _major_ diference with the 1000MP is the new "EDSP", (enhanced digital
signal processing". Built-in noise filters, auto tracking notch, etc. The rig
has so many features I could fill several pages and not cover them all. In
all, I love the 1000MP, it's truly a dream on CW!.

I should add though, I find quite a bit (S9) of AM broadcast intermod from
about 2.0 - 3.6Mhz. With all the switchable filters in the front end, I would
not have expected this. I should add that I live about 5 miles from NYC, and
am close to many local AM broadcasters, but never noticed this problem with my
Yaesu FT-890.

Hope this helps more than confusses...

73 -thom-/N2CBV

4564. looking for ts-440 at

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: lnorvill@ix.netcom.com
Message-ID: <498ckh$76b@ixnews7.ix.netcom.com>
Source record: 209958

I am looking for a TS-440 AT and I would rather swap test equip instead
of cash, If there is anyone interested, drop me a note via e-mail
I am really looking for some kind of HF rig w/ a built in tuner, as I
live in an area that really frowns on antennas, and a wire is really
the only way I can go. Thanks for reading this.

73's,

Lee Norville
KD6KCD

4565. Anyone heard of ' TPI Comm Inc.' ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <499f6l$krn@newsbf02.news.aol.com>
Source record: 209959

In a local ' junque ' shop which carries some military surplus gadgets, I've found what appears to be a UHF power amp. Apparently modern military surplus. It's a 19" rack mount rig, about 7" wide and 3" thick. Takes 28v DC for power. Has two female 'N' type coax connectors, one in and one out. No markings as to frequency or even band. I'm assuming UHF. Manufactured by 'TPI Comm Inc.', according to sticker on unit and box, however no address or telephone number. Any idea what this is, and/or how to contact TPI Comm for more info? Thanks all. Rick Crider KD4FXA Monroe NC

4566. Need Help: Repeater Amp and Pre-amp.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <499frv$kvn@newsbf02.news.aol.com>
Source record: 209960

We (our radio club) are considering adding a receive pre-amp and a power amp to our 2 meter repeater. I'm confused about the duplexer cavities and their placement. Should the receive pre-amp go between the antenna and the duplexers or between the duplexers and the repeater itself. Also, for the power amp, should the power amp go between the repeater output and the duplexer input or between the duplexer output and the antenna. Any help on this is appreciated. Don't want to fry anything. :-)
Cordially:
Rick Crider
KD4FXA
Monroe NC

4567. Re: speakers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: Bruce Burke <eaim103@email.mot.com>
Message-ID: <499q4h$bdu@brokaw.comm.mot.com>
Source record: 209961

jackl@pinetree.microserve.com (WB3U) wrote:
> n4lq@iglou.iglou.com (Steve Ellington) wrote:
>
For
>>communications recievers with low audio power output, you want a very
>>efficient speaker with a small magnet.
>
>That's absolutely correct. Large magnet structures are only required
>when it is desired to achieve the torque necessary to move large amounts
>of air.

Not necessarily, but I am not going to talk to magnet size, instead
I will use gauss, or magnetic field strength. A high guass speaker,
if designed for high frequency reproduction will be more sensitive than
one with a low gauss rating. Or, will be more efficient.

It's power limitations will be both a
combination of the coil structure and the mechanical limits the
cone can move. For communications receivers, the audio output rarely
exceeds 5 watts, therefore, it is easy to find a speaker that will handle
the power electrically. Then the main concern becomes mechanical capability.

>To maintain a given SPL, air movement must increase as the
>frequency decreases. Increased torque also means increased power
>consumption, so the voice coil structure of such speakers is also much
>heavier. Thus, they will be less efficient as the frequency increases,
>due to (at the very least) inertia of the mass. The low frequency
>response that accompanies such speakers isn't required in communications,
>so there's no reason to use such an inefficient design.

Mostly this assumes the use of a large speaker, but it is true, a large
speaker will poorly handle the highs needed in communications work. The
voice coil will be unable to change the direction of the cone mass quickly
resulting in not only loss of efficiency, but distortion due to "cone
break-up."
>
>The lack of required bass response is also the reason communications
>speaker enclosures aren't usually sealed. Wavelengths at 300 Hz are
>much shorter than 30 Hz, so the face and sides of the enclosure are
>sufficient to prevent any front/rear cancellation that might otherwise
>take place. As with the motor structure, sealing the enclosure in
>order to extend the low frequency response sacrifices efficiency.

Indeed, there is no need to seal the enclosure, but if you have one, just
make sure that the volume of air inside is way above the critical amount
for that speaker. (Vab)

>
>The bottom line is that audiophile speakers will generally perform
>poorly for communications work. Save your money for something useful.

Absolutely! I personally use an 8 inch PA horn for listening to voice
communications. Otherwise, I use the 5 inch communications speakers
from the professional two-way manufacturers, but they rank a distant
second to the horn in my opinion.
>
>73,
>
>Jack WB3U

73,
Bruce, WB4YUC

4568. Re: Comments on JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <499r96$csd@castle.nando.net>
Source record: 209962

sheriff@ix.netcom.com (William Sheriff) wrote:
>In <490u56$pfd@maw.montana.com> dandroxl@montana.com (Dave and Rox)
>writes:
>>
>>Am Considering buying the JPS ANC-4 Antenna Noise Cancller. Does
>anybody
>>have any experience or comments on this unit?
>
>Yes, I picked one up today, to see if it would remove computer noise on
>my hf rig. Worked as advertised, I had a s3 noise signal coming from
>my computer monitor, on the freq I was tuned to and was able to
>completely remove it. I had tried a number of thing to rid myself of
>computer hash and I was impressed on how well this worked. Only
>complaint, is it takes a bit of playing with, before you get a feel for
>how it works.
>
>-Bill KF0QN

HI Bill! How does this thing connect into your station? Does it use an external noise antenna? What is the usable frequency range? If it goes into the feedline, is there any insertion loss and what is the power handling capability?

Thanks!
73 de Dave WB4IUY

4569. Re: Heath SSB Amp HA-14

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: daleh@skypoint.com
Message-ID: <499s6b$8gc@stratus.skypoint.net>
Source record: 209963

In article <497sij$1l8e@hopi.gate.net>, jaywward@gate.net (Jay Ward) says:
>
>I was recently given a Heathkit HA-14 SSB amplifier. I have no power supply
>or docs. There is an HV input on the back that I assume means High Voltage
>and a multi pin power connector. Any body have any docs on this beastie?
>
>All help greatly appreciated. 73
>
>Jay KE4ZOG
>

The power plug is as follows:
Pin 1 & 2 Ground,
Pin 4 & 5 N/C,
Pin 3 & 6 12.6vac fil
Pin 7 & 8 Power Switch
Pin 10 & 12 Ant Relay
Pin 11 ALC
If you send me your address, I'll send you a copy of the schematic.

Dale A. Hagert NM0H
3881 Serpentine Circle
Eagan, MN 55122
612-688-7155
email daleh@skypoint.com

4570. Re: IF filters vs DSP for CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: Bruce Burke <eaim103@email.mot.com>
Message-ID: <499rar$bdu@brokaw.comm.mot.com>
Source record: 209964

johns516@maroon.tc.umn.edu (Craig B. Johnson) wrote:
>I just bought a Kenwood TS-930 and am thinking about getting the internal IF
>filters for CW work. (I would probably get both 500 Hz filters.) However, I
>am also looking at the specs for the DSP units that are available externally.
>It appears that both approaches have the same goal, increased selectivity and
>removal of noise.
Yes, they have the same goal, however...
>
>How do these two approaches compare for increased selectivity? For removing
>QRM? I assume the DSP units are are better at removing QRN. True? What am
>I missing.

Since the IF filters are part of the receiver design, they are inherently
going to work better. By filtering out the undesired signals before amplification,
the circuits have a much better chance of staying linear. Also, the AGC action
is dependant on the total signal it is fed to it. The circuitry then makes a
determination as to how much gain should be eliminated to maintain linearity.

The DSP units are mathmatical monsters. The incoming analog signal is sampled and
converted into a digital representation. Noise reduction is achieved by nifty
algorithims which basically recognize voice as being more coherent than noise.
Same thing with the auto-notch, this time in reverse. A carrier, which produces
a hetrodyne in an SSB receiver, is far more coherant than a voice signal.

The notch, as well as frequency response are handled through a mathematical concept
known as convolution. It is a fancy way of saying you're algebraically summing
together the undesired signal with it's inverse. Since everything exists in a
numerically domain, it is (almost) as simple as 1+(-1)=0 and *poof* no more
undesired signal.
>
>Any comparisons would be appreciated.

The bottom line is to start out with the best possible receiver before adding the
DSP unit. The better the receiver, the better the DSP performance will be.
>
>73, and thanks.
>
>Craig, AA0ZZ (nifty new call, huh?)

Pretty neat call. The best one I have found so far though is VE4VV (especially during a
cw contest, toward the end, when you're getting punchy!)

73,

Bruce, WB4YUC

4571. Re: Need Help: Repeater Amp and Pre-amp.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <499rv5$csd@castle.nando.net>
Source record: 209965

>We (our radio club) are considering adding a receive pre-amp and a power
>amp to our 2 meter repeater. I'm confused about the duplexer cavities
>and their placement. Should the receive pre-amp go between the antenna
>and the duplexers or between the duplexers and the repeater itself.

The receive preamp should go between the repeater receiver and the
duplexers. Remember, the transmitter and receiver run at the same time on
a repeater, so the preamp would need to be out of the tx path at all
times. You don't need to buy a re preamp with antenna switching, since it
will be full time receive. Also, I have several of the rx preamps
advertised in the ham mags that are made by ARR and would recommend them
hands down for repeater applications. I've tried many others, but have
the best service with the ARR units.

>Also, for the power amp, should the power amp go between the repeater
>output and the duplexer input or between the duplexer output and the
>antenna. Any help on this is appreciated. Don't want to fry anything.
>Cordially:
>Rick Crider
>KD4FXA
>Monroe NC

THe TX amp should go between the repeater transmitter and duplexers.
Again, the rx and tx run at the same time and the PA would need to be out
of the rx path. What type of amp are you considering? Don't bother with
conventional ham amps unless they are designed for repeater operation.
Most amateur fixed station/mobile amps are designed for low duty cycles.
Their heat sinks and internal components are inadequate for the high duty
cyles that ham repeaters demand.

73 de Dave WB4IUY

4572. I need help for a friend (Schematics or Manuals)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: doctord@iwl.net
Message-ID: <499997$muk@news.iwl.net>
Source record: 209966

I have a friend I work with who requested a post on the following items he is looking for:

1- Schematic or manual for a Regency Model H R - 6
6 meter amateur Radio Transceiver.

2- Schematic or copy of a manual for a Heathkit Model IM-2202 Digital Multimeter.

You can email me at :

doctord@iwl.net and I will contact you back with address and telphone number

Thanks,

Bob Thompson

4573. Re: J POLE ANTENNA PLANS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: Bruce Burke <eaim103@email.mot.com>
Message-ID: <499uo1$bdu@brokaw.comm.mot.com>
Source record: 209967

w8jitom@aol.com (W8JI Tom) wrote:
>In article <48t4si$in4@brokaw.comm.mot.com>, burke_br@adcae1.comm.mot.com
>(Bruce Burke) writes:
>

>Hi Bruce,

>
>A balun is needed whenever a feedline connection to ground or some other
>electrical mass will disturb the current distribution in the antenna. One
>test of this is if any electrical potential difference exists between the
>antenna and the other electrical mass.
>
>Taping the feedline to the shield side element does form a crude balun.
>The shield then leaves the area of the antenna at a low or electrically
>neutral point. Leaving the antenna with the feedline at other angles will
>result in some increase in parallel current, with straight up being the
>worse condition (as you mentioned)..
>
>But adding a different form of working balun will not "mess up" the
>antenna at all!
>
>The main pattern skewing caused by unequal current in stub conductors is
>in the elevation pattern of the antenna, not the pattern on the azimuth. I
>wouldn't expect to see a big azimuth variation unless the stub had wide
>conductor spacing compared to stub length.

Which is precisely why I hammered at getting the feed and antenna length
exactly correct, they are critical in antenna system's performance.
There will be some distortion anyway since 1/2 of the stub exists
in only one point about the anenna. As I previously mentiond, it
would be an improvement to have in completely encircle the anenna, but
again, it isn't practical for the small amount of improvement achieved.
>
>Your real world results seem to agree with my understanding of how the
>antenna behaves, and Moritz's theoretical explaination was also not wrong.
>
>73 Tom

Tom,

Obviously, we aren't going to converge on this. Theory doesn't converge
nicely either. In my opinion, this
antenna will not work better with a balun if properly manufactured and
adjusted. Actually, it should deteriorate in performance.

In this antenna, the current balun would ruin it as it would try and force
the currents to be in phase on the stub which would result in
the stub radiating, which is what we are trying to avoid. Unless
you were actually referring to an un-un.(I hate that term!)

The quarter wave stub acts as both the decoupling mechanism and matching device,
at least from what I can gather from available materials and a friend who
works on antenna design.

I personally belive that at VHF and UHF, the construction of most baluns
are beyond the average amateurs capability. I know, I've frustrated
myself with them thoroughly! (And strained some friendships!)
Especially "current" baluns, which are mechanical nightmares.
(Outside of the naturally occuring 4:1)

Your comments also seem to be lumping baluns together with decoupling devices.
Although they do overlap, for this antenna they need to be distinguished.
By the strictest definition balun means a transformation from an
unbalanced to balanced condition or vice-versa. Feed line radiation reduction
then becomes a side benifit of not having imcompatible systems placed together.
Like feeding a 1/2 wave dipole with coax directly. Here the antenna currents
are in phase at the feed point and it needs to be fed that way.
In the jpole, the stub currents are out of phase and likewise, it needs
to be fed that way. Again I'll hammer this point - care must
be taken when feeding and adjusting this antenna! All the decoupling in the
world won't fix a poorly handled feedpoint.

The most I could ever recommend someone adding to a jpole feed point is a sleeve
choke as a decoupling device, not a balun. The jpole feed resembles this in first
place though.

73,
Bruce, WB4YUC

4574. Re: CW Filter 250 or 500hz??? (for weak signal or EME)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov26.150104.14631@ke4zv.atl.ga.us>
Source record: 209968

In article <494pfj$1id0@stealth.mindspring.com> wave@mindspring.com (Pieter Ibelings) writes:
>I am trying to decide on what filter 250 or 500Hz I should buy for an IC
>706. I am going to be using the radio mainly for real weak signal work
>that involves some meteor scatter and EME. Would the 250 Hz be too narrow
>to be used on signals that might have some dF/dt doppler component?
>Please Help.

Good question. The doppler on EME and MS shouldn't be sufficient to require the wider filter, but if you want to do aurora, you'll find the wider filter helpful (and of course it's a must for modes like Clover, PACTOR, etc). In fact, my on the air experience with the FL-100 says it's almost ideal for Clover and PACTOR.

I'm not so sure the IC-706 is the ideal radio for EME and MS, however. I think the FT900 or the FT1000D would be better choices to back a good transverter. The receiver dynamic range isn't that good on the IC-706. I don't know how nasty the phase noise is yet, gotta put it on the bench and test that. It may be Ok, or not, can't say since on the air experience points to front end crunch as the more serious problem.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4575. Re: IC706 one cycle tuning

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov26.151320.14738@ke4zv.atl.ga.us>
Source record: 209969

In article n4lq@iglou.iglou.com (Steve Ellington) writes:
>
>Anytime I activate the 1 cycle tuning, the display always reads 0.
>This tells me that my readout is not really showing the exact frequency
>down to the last cycle rather, it gives me an uncalibrated reference
>point much like a logging scale. Has anyone else noticed this?
>--
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

No, that's not what's happening. When you activate 1 Hz from 10 Hz,
of course the Hz digit will be zero since you've been tuning in
10 Hz steps. Try this instead, with 1 Hz active, tune to a 5 Hz
step while listening to the pitch of a carrier. Now press and hold
TS to go back to 10 Hz steps. You'll notice no pitch change. Now
press and hold TS again, and you'll find you still have a 5 in
the Hz position. But if you *tune* while in 10 Hz mode, the first
tuning step will jump to a whole 10 Hz frequency, and if you then
go back to 1 Hz steps, the display will correctly show 0 in that
position.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4576. Re: CW Filter 250 or 500hz???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Nov26.151826.14821@ke4zv.atl.ga.us>
Source record: 209970

In article wrt@eskimo.com (Bill Turner) writes:
>In article <48qeb6$jm@pcnet2.pcnet.net>,
> nema@pcnet.com (Richard Lubash) wrote:
>>I wish to buy a narrow band filter for my Yaesu Ft900 they offer a 250
>>or 500hz filter I work 40 meters at night which is kind of a QRM jungle
>>does anyone have a recomendation.
>>N1VXW
>---
>If you're only going to work CW and possibly RTTY, the 250 Hz filter is the
>best choice. If you might want to work AMTOR or PACTOR someday, the 500 Hz
>would be the one. Those modes need slightly more than 250 Hz.

Even for 45 baud RTTY, the 250 Hz filter is a bit narrow since the
250 Hz is measured from the 3 db down points and doesn't represent
the flat response portion of the filter (45 baud RTTY is crudely
260 Hz). And besides, phase non-linearity becomes extreme at the
filter corners and you don't want your data signal there because
it will distort the eye. The 500 Hz filter is the better choice.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4577. IC-706 remote control

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: walter_crauwels@qmserver.vtm.be
Message-ID: <49a3cb$1kj@news.Belgium.EU.net>
Source record: 209971

Hi

I was thinking to control an ICOM IC706 on remote,
So the idee was to extend the 4 pins connector over an RF link

Does anyone know something about the protocol,or did someone
tried this yet ???

73 Walter ON4BCB @ ON6AR or Email me

4578. Info needed on MFJ-9406X 6m xcvr

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: rec@goodnet.com
Message-ID: <DInuMD.Lrr@goodnet.com>
Source record: 209972

is anyone out there using one of these yet?

Is it worth the $239??

Please leave me e-mail with your positive or negative reviews.

ps: does this radio also do CW? The picture of the radio I have is out
of focus and I can't see if there is a 1/8 jack for a key on the front.

de KJ7MU

--
==========
Richard Eyre-Eagles, KJ7MU | "The opinions expressed are not
Tempe, Arizona | those of anyone but myself"
==========

4579. Re: Comments on JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: RMCCARTY@DELTANET.COM
Message-ID: <RMCCARTY.5.00090980@DELTANET.COM>
Source record: 209973

In article <490u56$pfd@maw.montana.com> dandroxl@montana.com (Dave and Rox) writes:
>From: dandroxl@montana.com (Dave and Rox)
>Subject: Comments on JPS ANC-4
>Date: 23 Nov 1995 04:43:18 GMT

>Am Considering buying the JPS ANC-4 Antenna Noise Cancller. Does anybody
>have any experience or comments on this unit?

Dave and Rox,

I have been plagued with an extremely high impulse noise on 75 and 160, here in So Calif. I contemplated building the low noise receiving antenna, as described in the Sept. 95 issue of QST. After quick calculations for investment of TIME and money, I realized that perhaps a gamble on the ANC-4 would be worthwhile. I purchased one Friday, 11-24.

I am estatic. it performs amazingly well. My S9 to 10 over noise level drops to S1 (REALLY)!

This is my personal experience. I am not associated with the JPS company in any way nor am I in the retail business of selling amateur radio related products.

Roger KD6CC

Roger A. McCarty
rmccarty@deltanet.com
ARS KD6CC

4580. VHF TX Mod for 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <49aac8$1g96@firehose.mindspring.com>
Source record: 209974

I just opened the face from my IC-706 and found a suspicious looking pad on the upper left side of the chip labeled HD6433834H. Has anyone tried jumpering this pad? It looks like it is desperately asking for a drop of solder. Temptation is growing.....

73's
AC4OP
Pieter Ibelings

4581. JPS NIR-10 firmware upgrade

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: Dave Hockaday <wb4iuy@nando.net>
Message-ID: <49ah73$jdb@castle.nando.net>
Source record: 209975

I just bought the rev. 4.0 firmware upgrade for my NIR-10. I must say, I think it's the best upgrade yet. It adds adjustablilty to the Peak mode, and "AUTO" to the NIR mode. The NIR mode is much smoother. and I don't notice the "processed" sound I heard in the NIR mode before. My ver 3.0 sounded a bit hollow when NIR and auto-notch was used, but it's not noticed in the 4.0. The "Auto"-NIR is slick...it's adjustment to NIR level is completely transparent.

Now to try one of those ANC-4's...I'm thinking of trying one on my 10 meter repeater. The receive site is a constant hassle for me and the local Power co. to try and keep the noise floor down. There is a 220 and 440 repeater at the same site, but the noise isn't a problem that high in frequency. I've changed the RX to one with a noise blanker, but that often isn't good enough. This ANC-4 sounds like the ticket. I have a preamp on the repeater rx, so that will probably compensate for insertion losses.

73 de Dave WB4IUY

4582. Re: VHF TX Mod for 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <49annt$11g2@stealth.mindspring.com>
Source record: 209976

In article <49aac8$1g96@firehose.mindspring.com>, wave@mindspring.com says...
>
>I just opened the face from my IC-706 and found a suspicious looking pad
>on the upper left side of the chip labeled HD6433834H. Has anyone tried
>jumpering this pad? It looks like it is desperately asking for a drop of
>solder. Temptation is growing.....
>
>73's
>AC4OP
>Pieter Ibelings
>

I soldered a N914 diode from this pad to ground and guess what?

No apparent change.

73's
Pieter Ibelings

4583. Re: Index Labs QRP+ vs Ten Tec Argo

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: gggrove@televar.com
Message-ID: <49ao9r$mj4@golden.ncw.net>
Source record: 209977

In article <okstein.132.000EAC5A@primenet.com>, okstein@primenet.com (Charles Okstein) says:
>
>has anyone had experience with these two rigs? What are some of the pros and
>cons of each? Thanks.

I have the Argo 555 and love it! It's a QRP'ers dream rig. I don't have an Index Labs rig, but have a friend that does and he's really pleased with it. Looks like you can't go wrong with either!

4584. Re: VHF TX Mod for 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <49ao4s$11g2@stealth.mindspring.com>
Source record: 209978

Does anyone know what the function of the Blue wire on the same connector header as the yellow wire is for? It has ~ 5 Volts (adjustable with RF power adjustment) and drops to 0 volts outside 144-148 MHz. Is it a detected Forward output or is it the control voltage to the PA ????
Anyone tried putting 5 Volts on it to see if it tx's.

73's
Pieter Ibelings
AC4OP

4585. Power out outside VHF band (IC-706)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <49aolc$11g2@stealth.mindspring.com>
Source record: 209979

I measured the output power into a 50 ohm load of the IC-706 transceiver outside the 144-148 band with the D59 mod. Here are the results:

Frequency Power (mW)
118 1.3
128 3.2
138 6.7
149 2.7
158 0.04
168 0.08
174 0.16

73's

4586. Re: CW Filter 250 or 500hz???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: fmoor@magicnet.net
Message-ID: <49asvb$973@comet.magicnet.net>
Source record: 209980

In article <DIKuCw.IsG@eskimo.com>, wrt@eskimo.com (Bill Turner) says:
>
>In article <48qeb6$jm@pcnet2.pcnet.net>,
> nema@pcnet.com (Richard Lubash) wrote:
>>I wish to buy a narrow band filter for my Yaesu Ft900 they offer a 250
>>or 500hz filter I work 40 meters at night which is kind of a QRM jungle
>>does anyone have a recomendation.
>>
>>Thanks in advance
>>Richard

Consider not buying a filter but placing your money into a Timewave 59+ DSP
filter. I have worked (and still do) lots of CW over the years. I also have
250hz and 500 hz filters, I find the ability to go down to 25 hz with no
ringing (normal in an audio filter) and the ability to kill hetrodines on 40
a real plus... good luck on what every you decide....
>>N1VXW
>---
>If you're only going to work CW and possibly RTTY, the 250 Hz filter is the
>best choice. If you might want to work AMTOR or PACTOR someday, the 500 Hz
>would be the one. Those modes need slightly more than 250 Hz.
>
>
>73, Bill W7LZP
>wrt@eskimo.com

4587. Re: speakers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DIo8r7.87x@iglou.com>
Source record: 209981

: The bottom line is that audiophile speakers will generally perform
: poorly for communications work. Save your money for something useful.

Beautifully put. And for cw, I find a cheap, bare speaker with no cabinet
of just a metal, open cabinet tends to resonate within the desired audio
range and makes copy much better. Never use one of those sealed, hi-fi,
air suspension, suspended cone, large magnet full range speakers. Use one
with a small magnet and a stiff cone!
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4588. Re: Repeater Controller suggestions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: fmoor@magicnet.net
Message-ID: <49at6p$973@comet.magicnet.net>
Source record: 209982

In article <1995Nov21.201416.50755@cobra.uni.edu>, Conklin@forbin.com (Chris Conkln) says:
>
>In article <48qm40$na1@engr.orst.edu>,
> steinr@holmes.ece.orst.edu (Raymond Stein) wrote:
>>In article <48p8vu$les@ixnews4.ix.netcom.com>,
>>Kevin Karamanos <wd6dih@ix.netcom.com> wrote:
>>>In <48g4j8$3ks@newsstand.cit.cornell.edu> F. Kevin Feeney
>>><fkf1@cornell.edu> writes:
>>>>
>>>>Hi,

Check out the 7k controller by SCOM we are using several of them and whey
give us the control needed, and are very reliable... Good luck with your
decision....
>>>>
>>>>We're upgrading our repeater and would like to add a controller that
>>>is
>>>>very flexible and easy to remotely program. I've looked at the CAT
>>>>series, and we have an RC85 - what's the next generation beyond these
>>>>like? I"ve heard of new controllers based on PC's and sound cards.
>>>Anyone
>>>>have pointers to controllers of this type, or any other new
>>>controllers I
>>>>should be aware of?
>>>>
>>>>Thanks in advance.
>>>>
>>>>Kevin, WB2EMS
>>>>"Unencrypted email is just another word for evidence."
>>>
>>>You may want to look at the Link-Comm Repeater Controllers, they are
>>>based in Bozeman MT. Phone: 406-482-7515.
>>>
>>>73's
>>>
>>>Kevin
>>
>>Actually, Link Communications, Inc is at:
>>
>>115 Second Avenue, N.E.
>>PO BOX 1071
>>Sidney, MT 59270-1071
>>1-800-610-4085
>

>Since we are on the internet, those with web or ftp priviledge can download
>user manuals to read up on what all Link's boxes can do:
>
>ftp://infonet.net/showcase/linkcomm
>
>For $649 the RLC2 does everything the ACC RC96 did and several dozen more
>
>Chris Conklin, N0PAV
>444.65 Cedar Falls, Iowa (Yes Virginia, it is an RLC2)
>
>Chris Conklin
>Amateur Radio station N0PAV
>Conklin@Forbin.com

4589. Re: Which HF Vertical

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: fmoor@magicnet.net
Message-ID: <49atgn$973@comet.magicnet.net>
Source record: 209983

In article <493g2a$383@newsbf02.news.aol.com>, w8jitom@aol.com (W8JI Tom) says:
>
>My two cents worth.....
>
>You can bet that ANY and all no-radial verticals will not work as well as
>systems with even a modest radial system.
>
>Keep that in mind, the "no free lunch" tale really applies well to this
>one.
>
>73 Tom

I don't think I agree, Over the years I have used Cushcraft, Butternut, homebrew, and GAP verticals, I find that the GAP work better than any of the others. Yes my other verticals had radials down... However I think that ground conductivity plays a big part. Some friends were on a DXpedition to VP5 land. The butternut vertical with the radials in salt water worked better than the GAP, but not the same on dry land... Good luck on your dicision....

4590. Re: Opinions of GAP verticals

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: fmoor@magicnet.net
Message-ID: <49atm8$973@comet.magicnet.net>
Source record: 209984
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antennas

In article <Pine.BSD/.3.91.951123120501.4568A-100000@avatar.avatar.com>, Kory Hamzeh
<kory@avatar.com> says:
>
>
>I had just narrowed my choice of antennas down to a butternut or hygain
>vertical, when I saw the add for GAP. They make some very bold claims in
>there adds. I was wondering if anyone can share there experiences with
>the GAPs, specially compared to the butternut hf6v or the hygain dx88.
>I've never seens a decent vertical without radials. Both the hygain and
>the butternut have radials. I'm most interested in the 20,40,80 meters
>for DXing and 10 meters for local nets. I'm looking at the GAP TitanDX.
>
>Thanks,
>Kory
>KE6VWO
>

I havd used all of the verticals you mentioned, currently I use a GAP
their claims are true, wouldn't trade mine...

4591. Re: Index Labs QRP+ vs Ten Tec Argo

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: fmoor@magicnet.net
Message-ID: <49au51$973@comet.magicnet.net>
Source record: 209985

In article <49ao9r$mj4@golden.ncw.net>, gggrove@televar.com (Gary Grove) says:
>
>In article <okstein.132.000EAC5A@primenet.com>, okstein@primenet.com (Charles Okstein)
says:
>>
>>has anyone had experience with these two rigs? What are some of the pros and
>>cons of each? Thanks.
>
>I have the Argo 555 and love it! It's a QRP'ers dream rig. I don't have an Index
>Labs rig, but have a friend that does and he's really pleased with it. Looks like
>you can't go wrong with either!

I suggest this question be asked on the QRP list server.

send mail to qrp-1@Lehigh.EDU for information

4592. Re: IF filters vs DSP for CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817438463.7498@pinetree.microserve.com>
Source record: 209986

Dave Hockaday <wb4iuy@nando.net> wrote:

>Hi Craig! I'll second Tom's statement. I've tried (and have) both
>filters. An IF filter will surpass the performance of the DSP in the
>selectivity department. DSP is nice for noise reduction and automatic
>notch action, but I've found good IF filters to be much better for
>improving selectivity than DSP.

This means the best approach would be a pre-filter noise blanker
followed by a sharp IF filter, followed by an IF adjustable notch.
Hmmm, weren't we using that technology in the 60's? :)

73,

Jack WB3U

4593. FS: Daiwa CNW 419 dual needle antenna tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: mfe@fast.net
Message-ID: <49a96n$6vs@nn.fast.net>
Source record: 209987

I have a barely used (I got a 940 with built in antenna tuner 3 months after buying this) Daiwa CNW 419 dual needle antenna tuner. Make me a reasonable offer and it could be yours !!

Mike

4594. need people for underground zine

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: Amit_Kalra@cyberden.com
Message-ID: <772866014.17330186@cyberden.com>
Source record: 209988

i am putting together a zine that covers
noize,ambient,industrial,goth,experimental,acid,gabber,hardcore,acid
core,house,punk,goth,goa,chill out, electro,acid
house,ethereal,trip-hop,grrrl
jungle,trance,emo,acid jazz, and whatever other obscure form of music there
is.....
i need help with writers from every corner of the world...i would simply ask
of you to review any concerts, raves,rituals,books,movies,or albums that you
saw orbought...i would also take commentary on any issue on what you feels
relates to the underground and it's well being......also how clubs are
doing.....anything.......fashion,advertizers welcome to question.....
I want writers with some writing capability, a sense of style, and an
opinion no matter what it is....
What i don't want are stupid fools who don't know shit about what they are
saying and who are just writing to piss people off...i want this thing to get
somewhere..and i have realized that by myself and a few others i cannot
handle a project this big...that is why i ask the help of you and many
others.............

Please email me back at Kush Arora@cyberden.com or AmitKalr@ix.netcom.com

``i am the light with no source"

4595. Buckmaster HamCall error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <49bn38$d11@bighorn.accessnv.com>
Source record: 209989

There is a minor error in the current (Fall 1995) edition of the Buckmaster HamCall CD-ROM ... Buckmaster Publishing is aware of it, and should have it corrected in the new (Spring 1996) edition.

If you enter the call look-up thru the "ICALL" entry, and find a call sign that --does not-- have a four-digit extension for the Zip Code (i.e., 12345 versus 12345-4321) listed, the Grid Square for that call sign will not be accurate. Note that the Longitude listed for that call sign will not be a negative number, whereas one that does have a four-digit extension listed will have a accurate Grid Square (out to the sixth digit) (i.e., DM26AA) listed.

If you would like an example, look up my call sign (AD7K) and note that I am properly listed in DM26, with the proper fifth and sixth character listed, and the Latitude/Longitude down to the "n-th degree". Then look up the call sign of my Assistant Manager, N7GBJ ... note that his Zip Code is in five-digit only (even though he has been at this residence for eight years - thank you, U.S. Postal Service!), his Longitude is not negative, and his Grid Square shows him half-way around the world.

Buckmaster Publishing says that this error affects only a very small percentage of the call signs listed in the database, and that they should be able to correct the error in their next issue of the disk.

As a side note, we at Amateur Electronic Supply cross our database against one of the more popular, high-level Zip-Plus-Four programs when we get ready to mail our 160-page catalog twice per year, and Tom's address does not convert what that program, either - that conversion is done at our IBM AS-400 at our Milwaukee, WI main office.

Very 73 to all!

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

4596. Need Info - 6m vs 2m

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: 75034.1566@compuserve.com
Message-ID: <49aui5$gok@dub-news-svc-3.compuserve.com>
Source record: 209990

Greetings,

Any radios out there that are both 2 and 6 meter? I am considering going 6m to start, but I'm not sure of the usage by others.

4597. TS450SAT for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: sidell@shellx.best.com
Message-ID: <49bjp9$mkq@shellx.best.com>
Source record: 209991

Hi,
I'm selling my HF rig, mainly because I never use it. The rig is a Kenwood TS450S-AT in mint condition, covering all Ham bands from 160 - 10 meters. It is also an excellent general coverage receiver, covering from 50 kHz to 30 MHZ continuous. It has a built in antenna tuner, and the extra cost narrow band voice and cw filters are installed. Other features include: built in automatic antenna tuner, 100 memory channels, tunable AF notch filter, speech processor, and more!
A brand new TS450S-AT goes for about $1300 at HRO (discount from $1759 list price). I'm willing to part with mine for $1000, or best offer. Please contact me via Email at: sidell.ron@gene.com if you're interested.

Ron

4598. IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9511262325.AA03484@aragorn>
Source record: 209992

Comments on 250KHz CW filter!!
This weekend I put in the FL-101 CW 250Khz filter into
my new IC-706. It sure works great for the CW Contest
this weekend!!
Also ran semi Break-in CW with no complaints.
A few don't care for full break in as it does not
respond fast enough for those 35+ Wpm CW op's on full
break-in well.
The radio performed great on CW with this narrow filter,
if your into CW, the 250Khz filter is great. If your into
packet, then get the 500Khz filter. If I didn't have the filter,
I would have had real problems copying stations with all the QRM
in the CW contest this weekend!!
Using pair of headphones is recommended over the speaker,
at least when using CW narrow, It sounds a little better, less
resonant vibrations over that little speaker in the rig. A larger
external speaker is better than thru the small speaker,
but both ways seem to work well, depending on the situation.
Very satisfied with the IC-706, have fun with your IC-706's
73
Mike
WB6DJI

4599. Yaesu FT-51R and No Cross

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-26 00:00:00 UTC
From: charles.brown@windmill.com
Message-ID: <59.7294.7023@windmill.com>
Source record: 209993

KH>nd Repeat.
KH>Message-ID: <497m6v$8js@sneezy.icinet.net>
KH>Newsgroups: rec.radio.amateur.equipment
KH>Organization: InfoNet Communications

KH>I did the extended receive mod by holding the arrow keys and ever since the
KH>cross band repeat does not function. The function says RPT ***** in the
KH>display but nothing is repeated. Any suggestions? Please email me at the
KH>below address. Thanks a bunch.

KH>---
KH>Ken Harvey - kharvey@goldrush.com
KH> WWW - http://www.goldrush.com/~kharvey
KH>---

You have to put the radio in duplex mode. It was left out of the
manual.
Charlie N5TYI

---
* OLX 2.1 TD * He was a bold man that first ate an oyster.

4600. mod for yaesu ft-815

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: lnorvill@ix.netcom.com
Message-ID: <49bfj5$1td@ixnews3.ix.netcom.com>
Source record: 209755

I am in need of the mod for the FT-815 440 ht. There is a mod to open up the t/r bandwidth for Mars/CAP freq. operation . If anyone can come up with the mod, it would be greatly appreciated.

THANKS,

KD6KCD

Lee Norville

4601. Re: PRODUCT REVIEW: PALOMAR ENGINEERS' TUNER TUNER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: mc@shore.net
Message-ID: <49c7al$svs@northshore.shore.net>
Source record: 209756
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <6u/twEqQFI6Y083yn@southwind.net>,
steve nomer <nomer@southwind.net> wrote:
>In article <497bu5$2kd@mgate.arrl.org>,
>mtracy@mgate.arrl.org (Mike Tracy) wrote:
>>Michael Crestohl (mc@shore.net) wrote:
>>: PRODUCT REVIEW: PALOMAR ENGINEERS' TUNER TUNER
>>
>>: frequency. Make sure to turn the Tuner Tuner OFF (or you'll risk putting
>>: R F into it). Its that simple! If you do forget to turn the Tuner Tuner
>>: off you will blow the internal fuse (and a spare is provided!) but
>>: otherwise the instrument will be unharmed.
>>
>>Michael, et. al. - Just be sure you don't blow the fuse more than once! The
>>rating is 1/100th amp, which is very hard to find!
>>
>>73 de Michael, KC1SX
>
>In fact, I have yet to find a source for one of these fuses. Can anybody
>tell me where I can find one?
>
>Steve
><nomer@southwind.net>
>--
>

You might try Palomar Engineers! They sell them for a buck each.

Just make sure to turn the Tuner Tuner OFF when you are properly tuned up
on frequency. Then you shouldn't need any fuses.

Michael Crestohl, KH6KD/W1
mc@shore,net

4602. Re: IF filters vs DSP for CW

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DIp6vF.HFw@hpqmoea.sqf.hp.com>
Source record: 209757

John S. Hill (jhill@minn.net) wrote:

: IF filters will offer selectivity before the signal is demodulated to
: audio. External DSP filters add selectivity to that audio. Selectivity
: helps eliminate the problems caused by strong adjacent signals to the
: frequency you are listening to. Without IF filters, the strong signal
: will reduce the sensitivity of your receiver. I recommend both as the
: DSP filter will add to the selectivity provided by the IF filters,
: help reduce noise and help eliminate heterodynes when you're operating
: SSB. If I could only have one, I'd choose the IF filter. 73, John

Some of the latest radios sport DSP implemented "IF" filters and DSP demodulators.

DSP techniques offer some remarkable things:

A plethora of filter widths and shapes without increased hardware

New freedoms between amplitude and phase responses

Multiple notches with smart control (tone-seeking)

Sharp filtering without the usual amount of ringing

Tempting, n'est-ce pas? The problem is still the analogue to digital conversion. The very best ADCs available do not yet begin to threaten the spurious free *Instantaneous* dynamic range of the best analogue radios. So, even with IF DSP, the digital section is put late in a receiver's gain profile, possibly sheltered behind some AGC. If the DSP is creating your ultimate selectivity, then you are open to overload problems from large signals, outside your DSP bandwidth, but within the bandwidth of your analogue section.

DSP before or after demodulation is not the deciding factor, it is the inter-relationship of the profiles of gains, bandwidths, and dynamic ranges down the stages of the receiver that matter.

Ultimately, I think, fabulous receivers will be made around DSP IF structures, given further progress in ADC technology, but I think that it's fair to point out that currently, going to DSP means losing some capabilities in terms of hunting small signals close to very big signals, though such radios do sound marvellous under less demanding conditions.

I'd better add that I don't mean to suggest that all existing analogue radios are necessarily wonderful, some are truely awful. I mean the sort of thing that could be built by a well-read, genuinely amateur, home-brewer rather than the "features sell radios" stuff.

Cheers
David GM4ZNX

4603. Looking for documentation/contacts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: roll@Bucklan.Stupi.SE
Message-ID: <49bug1$68b@Bucklan.Stupi.SE>
Source record: 209758
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I have got a broken linear amplifier. In it's previous life it where located in the attic, close to the antenna and served it's masters well until the roof broke and rain water dripped into the operating amplifier.

Mixing rain water, 2.5KV, HF and TTL-circuitry turned out to be fatal...

It's manufactured by "Advanced Radio Devices" that used to be in Sterling VA, USA, apparently they are out of business since several years now. The model number is 230C

I have a manual, but for some reason they decided to not include all circuitry that has to do with communications between the actual amplifier and the remote control box (wich has a Z-80 microprocessor).

I'm trying to find the missing documentation of the hardware, and some insight to how the program actually works, so I can diagnose the IO-circuitry. If the SW has any diagnostic/production testing routines that could be handy etc.

If I manage to get this working I assume that all of it including the tuning presets has to recalibrated, but how?

Any information or leed to anyone who might know, would be most appreciated. (as a private email or call)

Peter Lothberg, SM4KEL
roll@stupi.se
+46 8 669 9720

4604. Henry 6 & 2 Linear

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: ve1alq@mi.net
Message-ID: <49cbqi$bqc_001@ve1alq.mi.net>
Source record: 209759

Hellow All;
I have forsale 1 Henry 6 & 2M linear. This unit was purchased 3 years ago from a University and was still in the shipping crate, ie never used.

It has a NEW matched pair of 8874's in it and will run a very easy 1200W output on both bands. The complete unit has 5.5 hrs of use. It also has 4 DK60 high power coaxial relays with it.

I am asking $900.00US plus shipping, the new tubes cost me $525.00 + $30.00US for matching them.

Only interested parties please.

Darrell Ward, ve1alq. Ve1alq@mi.net, or Phn 506 738-2734

Thanks & Best 73

4605. Re: IC706 one cycle tuning

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DIpL4y.LLE@iglou.com>
Source record: 209760

OK OK OK I understand now. Thanks for setting this dummy straight. Cheeeeese......those big 10 cycle jumps are way too much. Sure glad we are down to 1 cycle now! Next thing you know, they will put a picture of a cycle on the display and we can click on what area we want to land on.

The net now meets at 3532213.7 cycles boys. No drifting allowed!
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4606. Yaesu Manuals Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: z006539b@bcfreenet.seflin.lib.fl.us
Message-ID: <49avsk$bbg@bcfreenet.seflin.lib.fl.us>
Source record: 209761

I am looking for manuals(or photocopy) for the following Yaesu items:

FT301SD HF Rig
FL110 Linear Amp
Landliner 301 Phone Patch

If you have any of these manuals, please leave E-MAIL to the address
below. Thanks!!!

--

Lewis Horn
z006539b@bcfreenet.seflin.lib.fl.us

4607. Re: Which rig: FT1000 or FT1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: USCG TELECOMMS <gttm@cais.cais.com>
Message-ID: <Pine.BSI.3.91.951127094754.2724B-100000@cais2.cais.com>
Source record: 209762

Thom: Congrats on the 1000MP purchase. Sounds like a nice radio. I was talking with N4ZZ the other night; he's had one for a couple weeks. He drives an Alpha 87A (requires less than 50 watts drive). He found a bugaboo with the 1000MP in that you can not continuously adjust the power output on SSB, only on CW. Because of this problem he is considering sending the radio back, unless Yaesu can send him a mod. The west coast people are aware of the discrepancy and may do something about it. I had considered the 1000MP, but like N4ZZ I use an Alpha 89 amplifier and need the variable power option to drive it.

Ron,, W4VR

4608. Re: Which rig: FT1000 or FT1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: ignacy@misz.animal.uiuc.edu
Message-ID: <49csbq$oh@vixen.cso.uiuc.edu>
Source record: 209763

In <Pine.BSI.3.91.951127094754.2724B-100000@cais2.cais.com>, USCG TELECOMMS <gttm@cais.cais.com> writes:
>Thom: Congrats on the 1000MP purchase. Sounds like a nice radio. I was
>talking with N4ZZ the other night; he's had one for a couple weeks. He
>drives an Alpha 87A (requires less than 50 watts drive). He found a
>bugaboo with the 1000MP in that you can not continuously adjust the
>power output on SSB, only on CW. Because of this problem he is
>considering sending the radio back, unless Yaesu can send him a mod. The
>west coast people are aware of the discrepancy and may do something about
>it. I had considered the 1000MP, but like N4ZZ I use an Alpha 89
>amplifier and need the variable power option to drive it.
>
>Ron,, W4VR

If Alpha 89 has an ALC output, this will drive down tyhe power on your 1000MP to whatever level is comfortable for the Alpha.

Ignacy Misztal Ham radio: NO9E, SP8FWB
E-mail: ignacy@uiuc.edu
University Of Illinois 1207 W. Gregory Dr., Urbana, IL 61801, USA
tel. (217) 244-3164 Fax: (217) 333-8286

4609. IC-706 Comments and Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <49cun3$hvm@pacific.mps.ohio-state.edu>
Source record: 209764

A few questions, re the IC-706, based on one weekend's experience with the radio:

1. AGC Time Constant: The time constant in the slow position seems to be several seconds, which is too long for my taste. I'd like to change it to about 1 second, presumably by changing a resistor or capacitor. Anyone figured out where the AGC circuit is?

2. Duty Cycle: Is the duty cycle 100% for key-down 100 Watts output? Does the rig shut itself down if it gets too hot?

3. Relay Control: I'd like to key a linear amplifier, using the accessory connector, but the manual is a bit vague on this point. It seems to suggest that the control output has two modes: (1) grounding the control line keys up the transmitter, and (2) keying up the transmitter grounds the control line. Somehow the rig accomplishes this feat without latching itself into a key down condition. Obviously, mode (2) is the one for controlling an external amplifier, but using it would seem to preclude using a foot switch or external PTT switch to key the transmitter via mode 1. Also, the manual doesn't indicate the current/voltage limitations for keying an external amplifier. Has anyone tried it?

4. Line (audio) Output: A fixed audio output line appears on the ACC connector, but the manual doesn't give the spec. I'm guessing it is about 1V rms at a fairly high Z, but has anyone measured it? A variable audio output (linked to the volume control) appears at the microphone connectors, which makes the rear panel mike connector unsuitable for packet control. I'd think a fixed level would be preferable.

5.Tinny Transmit Audio: A transmit carrier setting of -100 gives good base response for my voice, with excellent on-the-air reports. Some reports have preferred the audio to that of my FT1000D/Shure 444 combo!

Miscellaneous Impressions: The rig is clearly a tour de force for ICOM, and an amazing feat of engineering. Some of the quirks,noted in earlier discussion on this newsgroup, can probably be fixed with firmware updats. I wouldn't recommend the rig as a main station transceiver, since the menu-driven system is inconvenient and clunky. For day-to-day use, one needs a bigger front panel with dedicated switches for changing bands, selecting AGC response times, setting the mike gain, etc. And the manual leaves a great deal to be desired, in my opinion. Although written in clear English, it somehow manages to belabor the obvious (instructing the user to turn up the volume control to increase the volume, and to turn it down to decrease the volume (!)), while leaving out important specifications. It also is extremely repetitive, which makes it hard to

concentrate on while staying awake. For what it's worth, I paid $1259 for my 706, if you're into comparison shopping. If you bought yours for $900, please don't tell me.

Jim W8ZR

4610. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: clifto@indep1.chi.il.us
Message-ID: <DIpsD0.D2@indep1.chi.il.us>
Source record: 209765

In article <4978k4fnc1@mhafm.production.compuserve.com> Mike Whatley
<73057.2225@CompuServe.COM> writes:
>Nobody builds rigs anymore and for good reason. It's a waste of
>time.

Well, you're part right, anyway. Mostly it's because those hams who
aren't too ignorant to know how to do so, are too lazy to do so.

--
Cliff Sharp There are days when no matter which
WA9PDM way you spit, it's upwind.
clifto@indep1.chi.il.us --The First Law of Reality

4611. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: clifto@indep1.chi.il.us
Message-ID: <DIpsKG.G2@indep1.chi.il.us>
Source record: 209766

In article <498nv8$d09@ssi.syspac.com> dnorris@k7no.com writes:
>I started this hobby in 1965 at 14 years old. Ham gear was expensive
>then and it is now. I found out how to get around the problem tho. I
>work my butt off and go out and buy what I haven't built. What a
>"bold, new concept".

Neat coincidence; I started this hobby in 1965 at the age of 14, too.
Built some from kits and some from scratch, collected pop bottles and
did paper routes to get money to buy. However...

...it didn't hurt when dad finally worked up the steam to get his
ticket, too. (BOY, did the ham shack get modern about two days after
his ticket arrived in the mail! :-)

--
Cliff Sharp There are days when no matter which
WA9PDM way you spit, it's upwind.
clifto@indep1.chi.il.us --The First Law of Reality

4612. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: nbender@ghi.techline.COM
Message-ID: <199511270211.SAA07197@UCSD.EDU>
Source record: 209767

```
add ham-equip
```

4613. Re: Sinclair SC-110 Scope

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: kaboom@usit.net
Message-ID: <kaboom-2711951434330001@arcade-slip2.dynamic.usit.net>
Source record: 209768

Bob, what is a Sinclair 110 scope? Is it some kind of little portable scope?

Email to: kaboom@usit.net

4614. Re: rechargable alkalines- comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: kaboom@usit.net
Message-ID: <kaboom-2711951438370001@arcade-slip2.dynamic.usit.net>
Source record: 209769

In article <4977af$1qd@panix2.panix.com>, reinerp@panix.com (Peter Reiner) wrote:

> How do the new "millenium" rechargable alkalines compare with
> nicads in terms of power output and life?

Do you mean the Rayovac "Renewal" batteries? I don't think millenium are alkaline... I believe they are nicads. As for Renewals, I've had them for a year. They do take a charge OK, but the power in them, right from the start, is more like a carbon-zinc battery than an alkaline. They don't have much instantaneous current capability. For instance, a brand-new set won't start my camcorder (which has an alkaline holder), but normal alkalines run it just fine.

4615. Address/Phone Number needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: cnc23a@b4pph13e.bnr.ca
Message-ID: <49d7ne$h9c@crchh327.rich.bnr.ca>
Source record: 209770

Does anyone have the address and/or phone number for CelWave or
Phelps-Dodge ? (They make duplexers)

--
==========

Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
(919) 991-4769 email: cnc23a@bnr.ca Ham: N4ZBB Packet: n4zbb@n1gmv.nc
DX PacketCluster (tm) Node : W4DW

All opinions are my own and do not necessarily reflect the views of
my employer or co-workers, family, friends, congress, or president.

4616. Some specific duplexer design questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: cnc23a@b4pph13e.bnr.ca
Message-ID: <49d7s0$h9c@crchh327.rich.bnr.ca>
Source record: 209771

Working on a project for a class, and had some specific questions...

1) I am working on a 900 Mhz design, any special considerations you
would recommend ?

2) What is the effect of the material used on a cavity/tuning rod/etc. ?

3) What determines the diameter of the cavity ?

4) Should the cavity be a 1/4 wavelength ? If it were 3/4 wavelengths,
how would that affect performance ?

5) What is the purpose of the "coupling loops(s)" ? What considerations
are needed to develop the geometry ?

6) Can a duplexer be achieved with a tuning shaft that is simply a screw
into a cylindrical cavity ? What is the effect of the cylinder in a
cylinder design ?

7) Are the interconnecting cables 1/4 wavelength ? What is the significance
of the interconnecting cables ?

8) What is the circuit element model of a cavity ?

9) How can I determine insertion loss and isolation of a design ?

10) What would you recommend about shunt capacitors and inductors ?

11) How do you determine the Q of the cavity circuit(s) ?

--
==========

Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
(919) 991-4769 email: cnc23a@bnr.ca Ham: N4ZBB Packet: n4zbb@n1gmv.nc
DX PacketCluster (tm) Node : W4DW

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my employer or co-workers, family, friends, congress, or president.

4617. FT-51R 15 kHz mod completed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: rkmorrow@aol.com
Message-ID: <49d7ng$q5t@newsbf02.news.aol.com>
Source record: 209772

I just got my FT-51R back from Yaesu after they replaced the microprocessor with one containing the firmware for performing the 15 kHz step properly. Of course, all your programmed data is lost, so be sure to save your data with the Yaesu software if you have it. Turnaround time was 5 working days (will-call window at the Cerritos CA facility). I had to re-initialize the extended receive feature by pressing the up/down arrow keys while turning on the power, but after that (and re-programming memories) everything worked fine.

-Bob Morrow WB6GTM

4618. Looking for instructions about Infotech 300 and M200E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: organiss@icnucevx.cnuce.cnr.it
Message-ID: <1995Nov27.223614@icnucevx.cnuce.cnr.it>
Source record: 209773

Dear Ham friends,
my call-sign is IN3YGW and I am an Italian radio amateur. I'm looking for the I
nstruction book of an RTTY equipment produced by the Infotech. I mean two diffe
rent models: model 300 and the model M200E.
If somebody can send it to me I will pay for all the expenses. Anyway, if you h
ave the instructions just contact me and we will sure agree.
Since I am guest of another Internet user, please e-mail your answers to MASTIN
O@ISSCNR.AREA.SS.CNR.IT
Thanks in advance for your kind collaboration,

Antonello Mastino
IN3YGW

4619. Yeasu 8500 2m/70cm Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: lslewis@gate.net
Message-ID: <49ba10$va4@news.gate.net>
Source record: 209774

Can the Yeasu 8500 be easily modified for seperate antenna outputs
2m/70cm? There appears to be room for another connector??? Otherwise
will the AD-3 diplexer do the job? Is there a better alternative?

Thanks & 73 - Larry KN6WC

e-mail lslewis@gate.net

4620. RF choke color codes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: "Colin Schmutter"
Message-ID: <49df0a$i2f@chopin.bcit.bc.ca>
Source record: 209775

I am a bit unclear as to how the color coding scheme applies to small RF chokes. The type of choke I am refering to look like small resistors and have colored bands around them.

I can see that the first and second band refers to a digit value as in a resistor but the multiplier band confuses me.

For example what value would a choke with the colors brown black and orange represent?

Any help would be appreciated.

cschmutter@bcit.bc.ca

Colin

4621. Re: J POLE ANTENNA PLANS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <49cfp0$i99@newsbf02.news.aol.com>
Source record: 209776

In article <499uo1$bdu@brokaw.comm.mot.com>, Bruce Burke
<eaim103@email.mot.com> writes:

>
>The most I could ever recommend someone adding to a jpole feed point is a
>sleeve
>choke as a decoupling device, not a balun. The jpole feed resembles this
in
>first
>place though.
>
>73,
>Bruce, WB4YUC
Hi Bruce,
Choke baluns (current baluns) are isolating devices. They are also baluns.

I said choke balun because a voltage balun would not isolate the
feedpoint. A sleeve type balun or a small coil of minature coax would be
fine. The J pole feed certainly "resembles" this when the feedline follows
the short element (or the element where the shield attaches) to the
voltage null.

I think we are saying the same basic things, just in different jargon.
73 Tom

4622. Re: IC706 one cycle tuning

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-2711951303240001@k4dii.ksc.nasa.gov>
Source record: 209777

In article <DIK19z.H7J@iglou.com>, n4lq@iglou.iglou.com (Steve Ellington) wrote:
> Anytime I activate the 1 cycle tuning, the display always reads 0.
> This tells me that my readout is not really showing the exact frequency
> down to the last cycle

Steve-

I noticed this, but assumed that frequency was forced to the nearest 10 Hz, when the 1 Hz digit was not showing. As I recall, when a non-zero digit is showing when changed from 1 Hz to 10 Hz readout, a zero appears when changed back to 1 Hz readout. In other words, frequency steps are 1 Hz ONLY when the display shows the 1 Hz digit.

This is somewhat like the case where tuning steps are set to 1 KHz. Even though some non-zero digits may be displayed when the 1 KHz step is first turned on, the first time a frequency change is made, the display jumps to the nearest 1 KHz interval in the direction of the change, rather than merely adding 1 KHz to the prior reading.

73, Fred, K4DII

4623. Re: speakers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: clemens@academ.wvwc.edu
Message-ID: <19951127.174248.712740.NETNEWS@WVNVM.WVNET.EDU>
Source record: 209778

If you put a tube (cardboard, plastic, etc.) of the right length on the
end of cheap speaker you can enhance your desired CW frequency tone and
it will help pinpoint the desired signal.

In article <DIo8r7.87x@iglou.com>
n4lq@iglou.iglou.com (Steve Ellington) writes:

> : The bottom line is that audiophile speakers will generally perform
> : poorly for communications work. Save your money for something useful.
>
>
> Beautifully put. And for cw, I find a cheap, bare speaker with no cabinet
> of just a metal, open cabinet tends to resonate within the desired audio
> range and makes copy much better. Never use one of those sealed, hi-fi,
> air suspension, suspended cone, large magnet full range speakers. Use one
> with a small magnet and a stiff cone!

--
Richard Clemens, Academic Computing West Virginia Wesleyan College
clemens@academ.wvwc.edu Buckhannon, WV 26201 (304)473-8480

4624. Re: old clegg and polytronic radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <17463B2DFS86.WALLY@ukcc.uky.edu>
Source record: 209779

I have heard some plugs that Radio Shack has called Jones plugs.. Don't see my catalogue around at the moment, but they're in the section with all the DC type plugs.. I use them on medium amperage connections, works fine for mobile units and such to disconnect quickly.

Walter _ Wally@POP.UKY.EDU KE4UWN
R _ // Wally@UKCC.UKY.EDU Alinco 580 2/70 Beam
Francis ⊗X/ Francis@MIK.UKY.EDU Kenwood 530S DXCC Dipole

4625. Re: IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <49e0m1$dbo@nile.intac.com>
Source record: 209780

Mike,

If you prefer using a speaker for CW, but not the one in the radio, there is a good, fairly inexpensive solution. There is a 4" speaker made for the military by University, Adec and others. It comes in a "bullet resistant" die-cast aluminum case approximately 5" sq. by 3 inches deep, usually with a 600 Ohm -> 8 Ohm transformer inside.

Now, while it so far sounds like a clunker, ugly and tinny sounding, remember your elementary school teachers and don't judge a speaker by it's enclosure. Besides being nearly bullet-proof, they are also tuned for a narrow frequency response that drops off _Extremely_ sharply below 500 Hz and above about 2800 Hz. I've seen them tested and the graph looks like an inverted "U" with a wide bottom. It does a very good job filtering out extraneous signals outside the normal SSB passband, as the military intended. On CW it limits the amount of "garbage" you need to filter out to dealing only with signals already within it's passband.

As for availabity, I've seen them as low as US$2 at hamfests. A good commercial source would probably be Fair Radio Sales in Lima, Ohio. The model number on mine is LS-203/U.

73's
Gary, WA2BAU

4626. Re: Need Info - 6m vs 2m

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: raf@dwroll.att.com
Message-ID: <DIprHn.Kp@bigtop.dr.att.com>
Source record: 209781

From article <49aui5$gok@dub-news-svc-3.compuserve.com>, by 75034.1566@compuserve.com (Thomas P. Branch):
> Greetings,
>
> Any radios out there that are both 2 and 6 meter? I am considering going 6m to start, but I'm not sure of the usage by others.
>
The new ICOM IC-706 HF radio also covers 2M and 6M, 10 Watts on 2M,
and 100W on 6M. Note that 6 meters is not very popular in areas
with a channel 2 TV station, because of interference with TV receivers.
(This interference may exist with other channels as well). 2 Meters
is probably the most popular ham band. I love 6 meters when the band is
open.

Richard Ferguson
KA0DXM
Boulder Colorado

My opinion is my own, not that of my employer.

4627. Re: PRODUCT REVIEW: PALOMAR ENGINEERS' TUNER TUNER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: CSLE87@email.mot.com
Message-ID: <CSLE87-2711951136500001@145.39.1.10>
Source record: 209782
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <95329.102255KOELG@CUNYVM.CUNY.EDU>, <KOELG@CUNYVM.CUNY.EDU> wrote:

> Just a quick note on noise-generating matching devices..while they work well I
> have found them to be useless on an active band. The noise level is
often well
> below the ambient signals and noise, so you can't hear well enough to
find the
> null. It works well on a quiet band, but don't expect it to be too
helpful i
> n the midst of working a rare on.

You may also find that any nearby source of RF energy, including an AM broadcast, amateur station, or semi-legal CB operator can introduce enough RF to seriously alter the apparently correct tuner settings. Palomar probably did mention this in their product manual, but the reviewer did not.

--
Karl Beckman, P.E. < If our English language is so >
Motorola RNSG Pvt Data < precise, why do you drive on the >
Schaumburg, IL / Parma, OH < parkway and park on the driveway? >
** Opinions expressed here do not represent the views of Motorola Inc. **
--
By sending unsolicited commercially-oriented e-mail to this address, the sender agrees to pay a $100 fee to the recipient for proofreading services.
--
Amateur radio WA8NVW NavyMARS NNN0VBH @ NOGBN.NOASI

4628. WTB: Service monitor

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: recurry@insighttec.com
Message-ID: <49cr3q$hf@voyager.Internex.NET>
Source record: 209783

I need a service monitor to cover 2m and 440. Cash or trade for
Pentium-133 computer.

Ron Curry
KE6WED
recurry@insighttec.com
recurry@inside.intel.com

4629. Re: Repeater Controller suggestions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: Conklin@forbin.com
Message-ID: <1995Nov27.125609.50823@cobra.uni.edu>
Source record: 209784

In article <49at6p$973@comet.magicnet.net>,
fmoor@magicnet.net (Fred Moore) wrote:
>In article <1995Nov21.201416.50755@cobra.uni.edu>, Conklin@forbin.com (Chris
Conkln) says:
>>
>>In article <48qm40$na1@engr.orst.edu>,
>> steinr@holmes.ece.orst.edu (Raymond Stein) wrote:
>>>In article <48p8vu$les@ixnews4.ix.netcom.com>,
>>>Kevin Karamanos <wd6dih@ix.netcom.com> wrote:
>>>>In <48g4j8$3ks@newsstand.cit.cornell.edu> F. Kevin Feeney
>>>><fkf1@cornell.edu> writes:
>>>>>
>>>>>Hi,
>
>Check out the 7k controller by SCOM we are using several of them and whey
>give us the control needed, and are very reliable... Good luck with your
>decision....
>>>>>
>>>>>We're upgrading our repeater and would like to add a controller that
>>>>is
>>>>>very flexible and easy to remotely program. I've looked at the CAT
>>>>>series, and we have an RC85 - what's the next generation beyond these
>>>>>like? I"ve heard of new controllers based on PC's and sound cards.
>>>>Anyone
>>>>>have pointers to controllers of this type, or any other new
>>>>controllers I
>>>>>should be aware of?
>>>>>
>>>>>Thanks in advance.
>>>>>
>>>>>Kevin, WB2EMS
>>>>>"Unencrypted email is just another word for evidence."
>>>>
>>>>You may want to look at the Link-Comm Repeater Controllers, they are
>>>>based in Bozeman MT. Phone: 406-482-7515.
>>>>
>>>>73's
>>>>
>>>>Kevin
>>>
>>>Actually, Link Communications, Inc is at:
>>>
>>>115 Second Avenue, N.E.
>>>PO BOX 1071

>>>Sidney, MT 59270-1071
>>>1-800-610-4085

My earlier web address for Link was erronious (as several have told me!)
Try: http://ftp.netins.net/ftp/showcase/

That should do it.

Chris Conklin
Amateur Radio station N0PAV
Conklin@Forbin.com

4630. Looking for cheap 2m. handie

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: venkat@happy.ee.vill.edu
Message-ID: <49d4h4$86u@ftp.ee.vill.edu>
Source record: 209785

Hi,

I am looking for a cheap 2m handheld.. If anyone is willing to sell theirs,
I would appreciate a response.

Thanks..
Venkat

email:venkat@ee.vill.edu
****
K S Venkatraman, 443T ECE Deptt.,Villanova Univ.,Villanova, PA19085.
RES: 610-254-8227, OFF: 610-519-7040, URL: http://www.ece.vill.edu/~venkat
****

4631. Logikey Keyer help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: kschnell@riter.computize.com
Message-ID: <kschnell-2711951954570001@hst7.computize.com>
Source record: 209786

My Logikey K-1 keyer quite working and I wonder if any one knows how to get ahold of the mfger so that I can send it back to get it fixed. Or can any one else out there help me. Please e-mail me for a faster response.
TU

--
Ken

4632. Radio For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: sdp9513@is.nyu.edu
Message-ID: <49bc64$9g5@cmcl2.NYU.EDU>
Source record: 209787

Baby Boom Box for sale $25. Straight out of the box. E-mail me at sdp9513@is.nyu.edu if interested.

4633. Looking for cheap 2m. handie

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: venkat@happy.ee.vill.edu
Message-ID: <49cvft$6li@ftp.ee.vill.edu>
Source record: 209788

Hi,

I am looking for a cheap 2m. handie (5W of power should be sufficient). If
anyone is willing to sell theirs, please let me know!!

Thanks,
Venkat.

email : venkat@ece.vill.edu

--
****
K S Venkatraman, 443T ECE Deptt.,Villanova Univ.,Villanova, PA19085.
RES: 610-254-8227, OFF: 610-519-7040, URL: http://www.ece.vill.edu/~venkat
****

4634. 2M HAND HELD HAM TRANSCEIVER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: visw@cronos.homer.att.com
Message-ID: <DIpt3H.JD@ulysses.homer.att.com>
Source record: 209789

Hi,

I am looking for a 2M hand-held Ham radio, which has atleast
5W of power output. If you have a used one for sale, Please
let me know.

Thanks a lot.
Ajai.

4635. WANTED: 2M Hand_Held HAM Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: visw@cronos.homer.att.com
Message-ID: <DIpwH8.5Iz@ulysses.homer.att.com>
Source record: 209790

Hello there,

I am looking for a 2M hand-held Ham radio, which has atleast
5W of power output. If you have a used one for sale, Please email me
at-
visw@ulysses.homer.att.com

Thanks a lot.

Ajai.

4636. Mods for a Yeasu FT-8500 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: 72110.2310@compuserve.com
Message-ID: <49avlu$phl@dub-news-svc-5.compuserve.com>
Source record: 209994

[No readable article body recovered]

4637. NEEDED: ACC Controller Code

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: mgillie@nando.net
Message-ID: <49b1eu$p50@castle.nando.net>
Source record: 209995

I need the EPROM and EEPROM files for version 4.x for an RC-85 controller. Version 5 is too large for my EPROM so I need 4.x. If you can help, please e-mail mgillie@nando.net

Thanks,

Miles, WA4NNA

4638. HELP: Info needed on amps etc

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: ctbaker@burrito.engr.ucdavis.edu
Message-ID: <49b6kl$ekn@mark.ucdavis.edu>
Source record: 209996

I am currently using a 5w HT dual bander radio... in Davis, CA at 5 watts I can't reach the local 440 repeater with a diamond rh77ca antenna on the radio (a ft51r)... so now I am considering picking up like a 30w 2m and a 30w 70cm amp to give me extended transmit from home... should I continue to go this route or should I just go ahead and pick up a mobile unit that I can put in the house with the eventual possibility of putting it in the car (probably not be put in the car any time soon as a don't want to start hacking up my 1969 Mustang)

Thanks!!

Chad
KE6ZTC

4639. Kenwood TM-241 Aircraft Recive

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: rbickel@ccnet.com
Message-ID: <49bbj6$f4f@ccnet2.ccnet.com>
Source record: 209997

I've got a Kenwood TM-241 and it exhibits very low sensitvity on the AM aircraft band. I'm told that some are better than others and wonder if anyone knows of a fix. I checked the mods listings at BARC and found nothing on the rig. Any comments are appreciated.

Thank-you
Robert

4640. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: Gary <design@thereporter.com>
Message-ID: <49bgi1$1h9@miwok.nbn.com>
Source record: 209998

NICK, N3FKS is concerned about todays price of ham gear...

> These are all pertinent questions to the future of ham radio. What kind
> of hobby are we developing? Are we going to price ourselves out of existance?
>
> Lets have a good talk about this.
> 73's
> Nick N3FKS
>
>
Nick, my first a.m. station in the '50s, a Johnson Valiant and a National
NC303 cost over $1000 and was ham band only and a.m./c.w. only. Today, about
the same $1000 will get you something like a TS450sat which would have
been considered science fiction back in the 50s!
Considering what inflation has done to food, housing, transportation, and
just about anything else you can name, our radio hobby has blessed us
with bargains that should be the envy of most other pursuits you can
name. Qwitchurbitchin, and enjoy the vast bargains available out there
for your dollar.

73,Gary, KJ6Q

4641. Re: Burt Fisher jokes not funny

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DIp4wt.Gpw@hpqmoea.sqf.hp.com>
Source record: 209999
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

James E Muehlberg (muehlber@plains.nodak.edu) wrote:

: It's unfortunate that this tirade must continue.

True!

: Even more unfortunate
: that our younger readers must be exposed to this behavior by, I assume,
: adults.

Youngsters seem to (usually) be more sophisticated and sensible than
adults (usually) credit them with.

:I do not know Mr. Fisher, and even if I did, I would not comment
: about him on the net.

Your restraint is commendable, though, as yet, untested.

: Making personal attacks on people in public is
: just plain tacky.

Engaging in a little banter with a wind-up merchant is not quite the
same as no-holds-barred-go-for-the-jugular hatred propelled flame wars that
sometimes erupt. May I suggest you read Burt's earlier postings? He's
quite right about there being plenty of boring radio amateurs (I may be
one of them..), but, unfortunately, he forgets those who do not fit his
stereotypes, and lumps everyone together. He seems to be having fun
stirring people up. While I've enjoyed watching this, I did consider his
remarks about Germans to be unreasonable and tasteless.

:Do I sound like your mother?

No

: Well, yes. There is an
: absolute right and wrong. You are wrong.

Your opinion is that *I* am wrong. I do not believe that I have any
right to declare anything to be absolutely right or absolurely wrong.

: God gave us free will, though,
: but some still dont know what to do with it. I'll pray for you.--

Thank you, but please do not. I think it most important that people
take responsibility for their thoughts and actions, and, if ever judged, I
should be judged fairly on my own performance without aid from others.

Cheers
David GM4ZNX

: SUPPORT YOUR MILITARY PERSONNEL +++ Jim Muehlberg MUEHLBER@PLAINS.NODAK.EDU

Isn't warfare evil?

4642. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: santa@northpole.com
Message-ID: <49cntv$kbl@its.hooked.net>
Source record: 210000
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.swap

wa6ube@aol.com (WA6UBE) wrote:

>In amateur radio parlance, SPAM is a an amateur radio interest group that
>promotes the use of A.M. (Amplitude Modulation) using older, usually
>vacuum tube transmitters.
>
>SPAM: Society for the Preservation of Amplitude Modulation
>
>check 75 meters around 3870-3885 KHz in the evenings if you live on the
>west coast of the U.S.
>
>Trish
>WA6UBE@aol.com "The Vertical Skywave Girl"
>Mobile radio repair shop supervisor - City of San Jose, GSA-Communications

SPAM is also idiots like JOE and his frend Brandis whoever who post
off topic messages, or people who cross post a "Call me, I'm horny.
011-32-4443-22332. Only 10 cents a minute" to EVERY newsgroup,
including binaries.

4643. Re: Even my wife thinks hams are...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: cnc23a@b4pph13e.bnr.ca
Message-ID: <49ch3e$st8@crchh327.rich.bnr.ca>
Source record: 210001
Cross-posted to: radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space

In article <4952h8$n9e@vivanews.vivanet.com>, mulveyr@vivanet.vivanet.com (Rich Mulvey) writes:
|> Dennis A. Mason (damason) wrote:
|> : Burt must be a Chicken Bander.
|>
|> Please, we don't appreciate fowl language here.
|>
|>
Well, it's in the same family, seeing as Burt's a turkey. BTW, do ol' Burt survive Thanksgiving ? %^)
--
==========

Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
(919) 991-4769 email: cnc23a@bnr.ca Ham: N4ZBB Packet: n4zbb@n1gmv.nc
DX PacketCluster (tm) Node : W4DW

All opinions are my own and do not necessarily reflect the views of my employer or co-workers, family, friends, congress, or president.

4644. <> Still Need: UT-49 Paging Board For Icom Handheld <>

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: 2WSK000@gc.maricopa.edu
Message-ID: <01HY59JHGVY0001P28@gc.maricopa.edu>
Source record: 210002

Through this net I have recently acquired an Icom IC-3SAT handheld. The set is missing the UT-49 Touch-Tone (DTMF) code-squelch/paging board, which I will need to help ham communications with my soon-to-be-licensed wife.

It's OK with me if either your board was purchased and never used, or used but removed and saved when the set in which it was installed was sold. If the board works and the price is reasonable, I'm interested.

I will be looking forward to e-mail from any of you who can help.

Thanks.
Steve N7AJP/Phoenix 2WSK000@gc.maricopa.edu

P.S. I have for sale or trade a spare CTCSS (PL-transmit) board (UT-51) for that same series of small Icom handheld transceivers.

4645. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: davidst1@aol.com
Message-ID: <49bsgm$deh@newsbf02.news.aol.com>
Source record: 210003
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

You're not alone, Lewis. I used to live in Austin and visited
AARS a few times. They were surly, unhelpful and
had a general "yeah, whadda YOU want?" attitude.
So chalk me up as being on your side on this one.
Dave AB5S/7

4646. Re: Mods for Alinco Transceivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-27 00:00:00 UTC
From: depbri@aol.com
Message-ID: <49bvgp$ebv@newsbf02.news.aol.com>
Source record: 210004

On the DR130T just remove the cover and find the yellow wire. Clip it and reset the radio. That's all there is to it. It will tx 130 - 174.

Brian

4647. Re: Need Help: Repeater Amp and Pre-amp.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: rburgan@detroit.freenet.org
Message-ID: <49fbcn$f2d@detroit.freenet.org>
Source record: 209555

You might want to look for a Motorola Micor 135-150 Mhz. preamp. They are available from dealers for usually about $30, and make□ superb repeater preamps.
I agree with previous answers about power amps...MAKE SURE that they are rated for continous duty operation, and add about a 30% factor on what you're looking for in output power. That way you can run them throttled down, so to speak, and therefore a bit cooler.
--

4648. Re: KENWOOD WEBSITE WHERE????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: kencook@ix.netcom.com
Message-ID: <49fdkb$cuh@cloner3.netcom.com>
Source record: 209556

In <95332.152305S624684@vm.uni-bocconi.it> Giuseppe Sorrentino
<S624684@vm.uni-bocconi.it> writes:
>
>I'll thank a lot to who will be able to communicate me the internet
> address of kenwood rig company(i'm sure it exists).
>
>tnx for 73
>
>DEFCON
==========
Why don't you go to the rec.radio.scanner newsgroup and download
article number 40337. N7OLQ has the Kenwood address listed along with
many more you may find of interest.

73...

Ken / N5RVK

4649. Kenwood vs. Yaesu factory repair time?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: "John T. Young" <jtyoung@u.washington.edu>
Message-ID: <Pine.PTX.3.91j.951128085828.5928A-100000@carson.u.washington.edu>
Source record: 209557

To all, I would be interested in hearing about your experiences re: factory repair turnaround time for all the major radio companies. Please let me know exactly how long it took for the Kenwood, Yaesu, Ten Tec, or Icom repair factories to fix your radio. Who gave you the best, fastest service? The worst? Thanks & 73, de John, KI7JB.

4650. Battery available in Canada?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: byrnes@fc.hp.com
Message-ID: <49fkmt$m8h@fcnews.fc.hp.com>
Source record: 209558

I recently purchased a Yaesu FT-11R HT and am looking for a extra battery for it. Yaesu makes a FNB-35, 7.2v 900maH battery, but I was told it was "not imported" to the U.S. I was wondering if it might be available in Canada.

Could someone up there please find out for me? And/or provide a phone number of a good shop to call?

Thanks,

John
KB0UNC

4651. Re: KENWOOD WEBSITE WHERE????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: RGF <rgfoster@anl.gov>
Message-ID: <30BB6F92.6616@anl.gov>
Source record: 209559

Giuseppe Sorrentino wrote:
>
> I'll thank a lot to who will be able to communicate me the internet
> address of kenwood rig company(i'm sure it exists).
>
> tnx for 73
>
> DEFCONThe WWW page is http://www.kenwood.net/

4652. Re: KENWOOD WEBSITE WHERE????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: RGF <rgfoster@anl.gov>
Message-ID: <30BB6FC2.2C42@anl.gov>
Source record: 209560

Giuseppe Sorrentino wrote:
>
> I'll thank a lot to who will be able to communicate me the internet
> address of kenwood rig company(i'm sure it exists).
>
> tnx for 73
>
> DEFCONThe World Wide Web site is http://www.kenwood.net/

4653. Re: CW Filter 250 or 500hz??? (for weak signal or EME)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <49fjsu$1r99@ns4-1.CC.Lehigh.EDU>
Source record: 209561

In article <1995Nov26.150104.14631@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>In article <494pfj$1id0@stealth.mindspring.com> wave@mindspring.com (Pieter Ibelings) writes:
>>I am trying to decide on what filter 250 or 500Hz I should buy for an IC
>>706. I am going to be using the radio mainly for real weak signal work
>>that involves some meteor scatter and EME. Would the 250 Hz be too narrow
>>to be used on signals that might have some dF/dt doppler component?
>>Please Help.
>
>Good question. The doppler on EME and MS shouldn't be sufficient to
>require the wider filter, but if you want to do aurora, you'll find
>the wider filter helpful (and of course it's a must for modes like
>Clover, PACTOR, etc). In fact, my on the air experience with the
>FL-100 says it's almost ideal for Clover and PACTOR.
>
>I'm not so sure the IC-706 is the ideal radio for EME and MS, however.
>I think the FT900 or the FT1000D would be better choices to back a
>good transverter. The receiver dynamic range isn't that good on the
>IC-706. I don't know how nasty the phase noise is yet, gotta put it
>on the bench and test that. It may be Ok, or not, can't say since on
>the air experience points to front end crunch as the more serious problem.
>
>Gary
>--
>Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
>534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
>Lawrenceville, GA 30244 | |
>
An important concern may be the insertion loss of the filter and the shape factor. I have found my old Drake R4/C will outperform my Kenwood TS830s. The Drake has a 250 cycle filter and the Kenwood has the 300 cycle unit. However the kenwood has a higher insertion loss and weak signals are often lost.

73's Dick K8WHA

4654. Re: Which rig: FT1000 or FT1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <30ba2c0f.18212196@nlcnews.nlc.state.ne.us>
Source record: 209562

On 27 Nov 1995 17:26:18 GMT, ignacy@misz.animal.uiuc.edu (Ignacy Misztal)
wrote:

>In <Pine.BSI.3.91.951127094754.2724B-100000@cais2.cais.com>, USCG TELECOMMS
<gttm@cais.cais.com> writes:
>>Thom: Congrats on the 1000MP purchase. Sounds like a nice radio. I was
>>talking with N4ZZ the other night; he's had one for a couple weeks. He
>>drives an Alpha 87A (requires less than 50 watts drive). He found a
>>bugaboo with the 1000MP in that you can not continuously adjust the
>>power output on SSB, only on CW. Because of this problem he is
>>considering sending the radio back, unless Yaesu can send him a mod. The
>>west coast people are aware of the discrepancy and may do something about
>>it. I had considered the 1000MP, but like N4ZZ I use an Alpha 89
>>amplifier and need the variable power option to drive it.

>>Ron,, W4VR

>If Alpha 89 has an ALC output, this will drive down tyhe power on your
>1000MP to whatever level is comfortable for the Alpha.

But, this isn't the same. All you have there is a limiter circuit. You will
lose the dynamic range in amplitude and, with it, some intelligibility. This
is something that has been sorely needed on some rigs for years. The earlier
solid state rigs included it, but the took it away.

Gary McDuffie, Sr. - AG0N - Scottsbluff, NE
Internet: mcduffie@hannibal.wncc.cc.ne.us
Packet Radio: AG0N@AG0N.#WNE.NE.USA.NOAM
Ex-callsigns:WB0KKM, WA7UPI, WA6MDL, WV6MDL
This message contains recycled characters.

4655. Re: Standard C5718DA

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <49fr4f$bqi@watt.oedison.com>
Source record: 209563
Body handling: 1 inline base64-encoded payload block was not displayed

On Sat, 25 Nov 1995 22:55:09 GMT gauger@vir.com (Gilles Auger) wrote:

>Need infos: Standard C5718DA

>

>I am planning to buy a Dual-Band mobile transceiver STANDARD

>C5718DA in a near future. I would like to know some informations

>about this rig:

>

>- Could it be modified for extended RX coverage and what is the

>modification to do so?

No mod necessary. Out of the box, its RX covers

118-142 AM/FM Aircraft
142-185 FM
250-327.5 AM/FM
327.5-500 FM
800-1000 FM (cellular blocked)

>
>- Is there a product review for this radio in a magazine ?
>
November 1995 QST

>- Is it possible to connect an external speaker ?

Yep, you can either connect 1 speaker that will pass both VHF and UHF
together, OR connect 2 external speakers, and the radio will play VHF from
one and UHF from the other. There is also a speaker built in the
microphone, that may be enabled/disabled through the keypad.
>

Other comments:
I've had mine for about 9 months, and am very happy with it. Several
others bought them in our club, and the most noticable thing is the TX
audio. It is the sharpest, crispest TX audio I've ever heard.

Also, the intermod rejection isn't bad, but not as 100% foolproof as their
ads would lead you to believe. All of us that have them have a small
amount of intermod when in known bad areas, but these areas usually have so
much RF in them you can feel it in your tooth fillings as well. Intermod

seems worse on UHF than VHF, and may be partially due to mixing in the
built-in duplexer.

Good luck!
John, N8CID

>Please send your reply to:

>

>Daniel VE2BAP@VE2CSC.#MTL.PQ.CAN.NA

>Internet: quinty@ps.telecom.hydro.qc.ca

>
>Thanking you in advance, 73rs

>
>Daniel VE2BAP, Montreal, Quebec, Canada

John Wagner wagnerj@watt.oedison.com

Version: 2.6.2

[Inline base64-encoded payload not displayed]

=WVd9

4656. Re: Hal P38 - Clover Solution for a Laptop ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDIruA2.BCA@netcom.com>
Source record: 209564

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: I believe the PCI-4000 is an EISA slot card too. HAL's naming conventions

It's an ISA card.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

4657. Info wanted: Ten Tec 2510

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: kharker@cs.utexas.edu
Message-ID: <kharker-2811951537110001@slip-58-4.ots.utexas.edu>
Source record: 209565
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.equipment

I was window shopping inside Austin Amateur Radio Supply this
afternoon, and I came across a really old (1985) radio review reprinted in
a small booklet about satellite operations that seemed to focus mainly on
Oscar-10. The review was for the Ten Tec 2510, which apparently coupled
a 10w 440MHz SSB/CW transmitter with a 2m<->10m ssb/cw transverter and
preamp.
While this wouldn't cover every satellite mode, and it most certainly
wouldn't handle 9600bps packet (I'm also interested in working pacsats
some day)
if one could be had cheaply, it might make for a good starting point for
me. I've already acquired a cheap HTX-100 10m ssb/cw rig I could use with
it.
Does anyone own one of these rigs or have any comments on them?
About how much would I expect to pay if I found someone selling one?
Anyone know of a source selling these?

Kenneth E. Harker kharker@cs.utexas.edu
University of Texas at Austin
Department of the Computer Sciences Amateur call: N1PVB
Taylor Hall TAY 2.124
Austin, TX 78712-1188 USA http://www.cs.utexas.edu/users/kharker/

4658. WANTED: Transel Wattmeter Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: gharmon@txdirect.net
Message-ID: <49fv91$55u@nimitz.fibr.net>
Source record: 209566

Looking for a manual for a Transel Mark IIA Wattmeter.

Thanks and 73,

Gary Harmon/K5JWK

gharmon@txdirect.net

4659. WANTED: Gessy PS Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: gharmon@txdirect.net
Message-ID: <49fvbq$55u@nimitz.fibr.net>
Source record: 209567

Looking for a instruction sheet/schematic for a GESSY 20R, 20amp power supply.

Gary Harmon/K5JWK

gharmon@txdirect.net

4660. WANTED: Heathkit Manuals

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: gharmon@txdirect.net
Message-ID: <49fvk5$55u@nimitz.fibr.net>
Source record: 209568

Looking for a manual or copy of same for the following Heathkits:

IG-18 Sine/Square Wave generator

MR-11 receiver

RF-1 schematic only

Thanks and 73,

Gary Harmon/K5JWK

gharmon@txdirect.net

4661. Re: CW Filter 250 or 500hz???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: jagon@lander.es
Message-ID: <49g20v$ob3@lince.lander.es>
Source record: 209569

nema@pcnet.com (Richard Lubash) wrote:

>I wish to buy a narrow band filter for my Yaesu Ft900 they offer a 250
>or 500hz filter I work 40 meters at night which is kind of a QRM jungle
>does anyone have a recomendation.

>Thanks in advance
>Richard
>N1VXW

Don't hesitate it!, 250 hz is the best choice!

Best 73, HPE CU ON 40 M

--
____
Jose Antonio Gonzalez Lorenzo -- jagon@ibm.net -- Amateur Radio: EA2BSN
~~~~~~
~~~~~~

4662. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <49f7fh$qh5@cville-srv.wam.umd.edu>
Source record: 209570

Not to forget Lambda. Very rugged, and they're backed by the company
until the end of time.
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...

4663. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: griffithj@ricks.edu
Message-ID: <DIrw31.H8M@ricks.edu>
Source record: 209571

In article <48gnog$ep4@netaxs.com>, feliccia@unix3.netaxs.com says...
>
>
>Has anyone notice how DAMN expensive ham equipment is. Is it just me or
>is anyone out there also really discouraged. It is a wonder anyone gets
>on the air anymore. I was looking for a mobile HF rig, but any new
equipment
>will set me back a grand or better. I work as an engineer but I don't
>have the cash to squander on something I will use a few hours a week at
best.
>
>
>What can we as hams do nowadays about this? Do we turn to Homebrewing. I
am
>an EE and I know what it takes to build something. If you have a nice
variety
>of parts, etching facilities, a 20 MHz scope at least, in short a
working
>electronics lab you can do it. Otherwiese I feel making anything but a
>groundplane is more trouble than it is worth. Do we hand someone we have
>never met at a hamfest a week's pay on a bet we'll get a rig that will
last.
>
>Does this have something to do with the dollar/yen thing? Is drake still
>making trasmitters? I saw a reciever but no transmitters?
>
>These are all pertinent questions to the future of ham radio. What kind
>of hobby are we developing? Are we going to price ourselves out of
existance?
>
>Lets have a good talk about this.
>73's
>Nick N3FKS
>
>
Nothing personal, Nick. But you don't have to be and EE to homebrew. The
basic concept is don't get stuck on all the bells & whistels, then you
can build anything. You don't need an electronics lab, a small table is
just fine. But the big differences, my own oinion, that ham radio is in
one's blood, not talking on the ham radio being the driving force for
homebrewing.

4664. FT51R RX range?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: rob@sun.alegria.com
Message-ID: <49facp$isu@sun.alegria.com>
Source record: 209572

Can anyone tell me the RX range of the FT51R after modification, if
any, to widen it as much as possible? thanks.
--Rob

--
Rob Lingelbach | 2660 Hollyridge Dr LA CA 90068 213 464 6266 (voice)
rob@xyzoom.alegria.com | "I care not much for a man's religion whose dog or
rob@sun.alegria.com | cat are not the better for it." --Abraham Lincoln
rob@dagmar.alegria.com | http://www.alegria.com KB6CUN

4665. (Q) Singal Amplifier for 915Mhz range.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: whitefox@ix.netcom.com
Message-ID: <49f509$ajg@ixnews2.ix.netcom.com>
Source record: 209573

I am using a 915Mhz RF Ethernet card to connect two office network together, but I have a very low S/N ratio (less than 28%). There is some interference from trees, but not much. I would like to know if anyone is aware of a signal amplifier or noise reducer for that frequency range. The output power of the transmitter is 250mW. If you have any ideas, please let me know...

Send responce to
whitefox@ix.netcom.com

Thanks

4666. ANC-4 Response from JPS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: geo@nando.net
Message-ID: <49fffc$7ot@castle.nando.net>
Source record: 209574

Hi Guys and Girls,

I'm an Engineering Technician at JPS Communications. I took a copy of this mornings post to the Engineer who designed the ANC-4, and he asked me to post this response.

---

28 November 1995
PWP

Regarding the comments about the ANC-4's noise and overload performance:
Noise- Yes, the unit can introduce some noise at higher gain settings. While the noise figure of the noise antenna preamp is quite good (the input stage uses two low noise FET's), the problem is that to get a useable signal level from the electrically short, high impedance noise antenna, quite a bit of gain may be required. The high gain necessary to amplify weak noise antenna signals makes the ANC-4's noise apparent in the receiver. Another way of looking at the problem is this: when using an efficient antenna and good receiver at HF, particularly at low frequencies, the SNR is determined by atmospheric noise, not by receiver noise. But with a short, inefficient antenna, the SNR will be determined in the input stage, in this case in the ANC-4's preamplifier. (Of course, we want an inefficient antenna for the noise antenna because we want to receive only local noise.)

Overload- We're always trying to balance cost and performance in our products, so every product design involves a series of tradeoffs. One of those tradeoffs was the 3d order intercept point of the noise preamplifier, which at +17 dBm is about as good as it can be given the constraints of cost and available power supply voltage. We also chose to make the circuit broadband down to 500 kHz so it would be useful to BCB DXers and others interested in lower frequencies, knowing that there could be problems with overload from close-proximity BCB stations. However, assuming that you're operating in a ham band, the BCB overload problems are easy to take care of with a simple series-resonant trap applied from the noise antenna to ground. JPS will calculate and supply trap components free of charge to those experiencing overload problems from a BCB station.

Any further questions can be sent to jps@nando.net

73 DE KQ4QM (George)

4667. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: sherwood@oribi.cig.mot.com
Message-ID: <49fjps$ae9@newdelph.rtsg.mot.com>
Source record: 209575

In article <49ejtq$223@cloner3.netcom.com> "James A. Storm" <jastorm@ix.netcom.com>
writes:
>I would suggest Astron. I've been using an RS-20A for over 20 years. I
>
> 73, WB6LWS Jim in Pacifica, CA

I was told that someone would not honor the guarantee of their radios
when they were used with astron power supplies. (kenwood, I think)

Has anyone else hear this? It might not hurt to check before buying....

chuck sherwood N9QZT
sherwood@cig.mot.com

--
Chuck Sherwood
sherwood@cig.mot.com
708-632-7078

4668. WANTED: EICO Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: gharmon@txdirect.net
Message-ID: <49fv64$55u@nimitz.fibr.net>
Source record: 209576

I need a copy of the manual for an EICO 324 signal generator.

Best 73,

Gary Harmon/K5JWK
6302 Robin Forest
San Antonio, TX 78239

gharmon@txdirect.net

4669. Re: Anyone heard of ' TPI Comm Inc.' ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: Alan Raskind <alan.raskind@trw.com>
Message-ID: <49fp21$183@ns5.nba.TRW.COM>
Source record: 209577

rickcrider@aol.com (RICKCRIDER) wrote:
>In a local ' junque ' shop which carries some military surplus gadgets,
>I've found what appears to be a UHF power amp. Apparently modern
>military surplus. It's a 19" rack mount rig, about 7" wide and 3" thick.
> Takes 28v DC for power. Has two female 'N' type coax connectors, one
>in and one out. No markings as to frequency or even band. I'm assuming
>UHF. Manufactured by 'TPI Comm Inc.', according to sticker on unit and
>box, however no address or telephone number. Any idea what this is,
>and/or how to contact TPI Comm for more info? Thanks all. Rick Crider
> KD4FXA Monroe NC

What you have found (I believe) is a UHF power amplifier made by the now defunct TPL (not "I") Communictations Inc. company which stood for the owner, Thomas P. Litty. He made VHF & UHF power amps back in the '70's. He has been out of business for about 15 years or so I think.

They were not all that good I thought, but if the price is right, it probably is ok. You need to search for a model number on the label to find out what frequency it was designed for.

Good luck, Alan WA6AQC

4670. Re: (Q) Singal Amplifier for 915Mhz range.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: Bill Bennett <bb@tisc.com>
Message-ID: <49g3tc$fu4@taxis.corp.titan.com>
Source record: 209578

whitefox@ix.netcom.com (Scott Anderson) wrote:
>I am using a 915Mhz RF Ethernet card to connect two office network
>together
funny here in San Diego we have an amateur television repeater with a
input at 915 mhz were only running 25 watts!

4671. DTMF control of radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: dddavis@mindspring.com
Message-ID: <dddavis.6.00662497@mindspring.com>
Source record: 209579

I'd like to purchase a dual band 2m/70cm mobile radio with cross-band repeat capability. I had planned on getting the Yaesu FT-5100, but I understand that the Alinco DR-610 and the Kenwood TM-733 offer the ability to change frequencies remotely via DTMF. That sounds worth getting for my purposes. Any comments on how well this feature works and if there are other radios to consider with similar capability? Comments appreciated. Don - KE4KYO

4672. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: landers@dbsun.vitek.com
Message-ID: <49g2rj$kp4@dbsun.vitek.com>
Source record: 209580

In article <49esdn$ino@northshore.shore.net> mc@shore.net (Michael Crestohl) writes:

<Original posting and reply deleted>

>And, just look want that Valiant and NC-303 are worth today!!!

Probably not the $1000.00 that the "original poster" paid for them.

When I got my ticket in 1975, I recall most new equipment (Kenwood, Yaesu) going for $600-$900,(Kenwood TS520, Yaesu FT-101s, FT-401Bs, etc), had tube finals, "dipper" type radios and ham bands only. Now you can get a general coverage receive ham radio, all solid state, no final tuning for around $900. Not much price difference, but a big performance difference.

Now I am comparing the more "bottom of the product line" radios - not the FT-1000 (compare those to Collins or Drake top of the line stuff).

73, Rod, WI0T

4673. Re: rechargable alkalines- comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <49fpsk$177a@watt.oedison.com>
Source record: 209581
Body handling: 1 inline base64-encoded payload block was not displayed

On 25 Nov 1995 08:56:31 -0500 reinerp@panix.com (Peter Reiner) wrote:

>How do the new "millenium" rechargable alkalines compare with
>nicads in terms of power output and life?

I've been using the Rayovac Renewal batteries in a Tandy Zoomer Personal Digital Assistant for about 6 months, and have had pretty good luck with them. I agree with the other replies though, that they don't like deep discharge and won't provide a lot of current.

The problem I have is that the Zoomer sucks batteries dry (<0.75 volts) before it says the batteries are low. When the Renewal's get that low it takes 2 or more charge cycles to get them nearly all the way back. I'm on cycle 12, and they are just about at the end of their lives. I found the payback happens after about 5 to 6 cycles, if you figure the cost of (4 AA Renewals + 4 AA charger) vs 20-24 conventional AA Alkalines.

John Wagner wagnerj@watt.oedison.com

Version: 2.6.2

[Inline base64-encoded payload not displayed]

=WVd9

4674. Mods for Icom Z1A?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: geraden2@aol.com
Message-ID: <49g6uc$rjv@newsbf02.news.aol.com>
Source record: 209582

Anyone know of mods for an Icom Z1A?

If there are any available, if you could give me a point in the right direction, or email them to me at spett@hcia.com, I'd be most appreciative!

Thx in advance!

Scott Pettigrew, N8VSI

4675. looking for DRAKE TR-4 parts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: hillgen@romulus.rutgers.edu
Message-ID: <49ft36$qdv@romulus.rutgers.edu>
Source record: 209583

I just bought a beautiful Drake TR-4 HF rig and I need a few things for it. I'm going to need the 6JB6 final tubes and a power supply. In terms of a supply, I need either an AC3, AC4 or DC4. Any suggestions where to look? Thanks,

Jay

N2OTK

4676. Any mods for the HTX-202?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10247.7583.0NFBB94D@woodybbs.com>
Source record: 209584

Subject: Any mods for the HTX-202?

>>Does anyone know of any mods for the HTX-202?

There are NO frequency-expansion modifications for the HTX-202. Anything you have found that states differently is entirely bogus.

Darn those Radio Shack engineers! How dare they manufacture a solid, reliable performer that ONLY WORKS FLAWLESSLY AS ADVERTISED.

<g>

clint.bradford@atdbbs.com
---
* TLX v4.00 * The worst thing about censorship is ########

4677. Re: Kenwood and Icom 4sale!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <30bb4021.3667836@nlcnews.nlc.state.ne.us>
Source record: 209585

On 28 Nov 1995 03:18:58 GMT, store131@interramp.com (George Pabon) wrote:

>Forsale:
>
>Kenwood TS430S $500.00
>Kenwood AT-250 $250.00
>Icom SM-8 Desk Mike $ 50.00
>Icom 229H $250.00
>Astron RS 20-M $100.00

Buyer beware! Check out those prices. You can do better buying new on some
of them!!!!

Gary

4678. Re: KENWOOD WEBSITE WHERE????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: pelt@vt.edu
Message-ID: <pelt-2811951119060001@box185.ams.vt.edu>
Source record: 209586

In article <95332.152305S624684@vm.uni-bocconi.it>, Giuseppe Sorrentino
<S624684@vm.uni-bocconi.it> wrote:

> I'll thank a lot to who will be able to communicate me the internet
> address of kenwood rig company(i'm sure it exists).
>
> tnx for 73
>
> DEFCON

Try http://www.accessnv.com/kenwood/amateur.html

--
Ranson J. Pelt
pelt@vt.edu
QST de nz4i

4679. HELP: What antenna to buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: ctbaker@burrito.engr.ucdavis.edu
Message-ID: <49fje2$nfl@mark.ucdavis.edu>
Source record: 209587

I want to get a 2m/70cm dual band antenna to use to help me extend the range of my HT when at home... I can put an antenna in the attic or in a room (ie. mag mount in a room) but I can't put one outside...

Any suggestions?

Thanks

Chad
KE6ZTC

4680. Yaesu FT-51R or Kenwood Th-79A (D) Pros & Cons?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: cpaulien@aol.com
Message-ID: <49echd$d7o@newsbf02.news.aol.com>
Source record: 209588

I am planing to purchase a dual band HT soon and am thinking of purchasing a Yaesu FT51R or a Kenwood TH-79A (D) based on their specs and features. I was wondering if anyone had any comments pro or con about either, including any mods. Although I have worked the HF bands for a couple of years I haven't as yet purchased anything for the VHF/UHF bands. Any suggestions will be welcome.

Chuck Paulien KG0PF

4681. Re: CW Filter 250 or 500hz???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817626215.26165@pinetree.microserve.com>
Source record: 209589

fmoor@magicnet.net (Fred Moore) wrote:

>Consider not buying a filter but placing your money into a Timewave
>59+ >DSP filter.

The problem with this approach is it's no good for weak signal work.
Strong nearby signals will activate the receiver's AGC and cause the
desired signal to disappear.

I work CW almost exclusively and Tom (W8JI) is right. A 250 Hz IF
filter is what's needed. The Timewave is useful as a secondary filter,
after the 250 Hz filter eliminates most of the junk.

RTTY is a different matter.

73,

Jack WB3U

4682. Re: speakers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817630259.26165@pinetree.microserve.com>
Source record: 209590

Bruce Burke <eaim103@email.mot.com> wrote:

>A high guass speaker, if designed for high frequency reproduction
>will be more sensitive than one with a low gauss rating. Or, will
>be more efficient.

Not if the voice coil gap is simultaneously made larger in order to handle greater power. Audiophile speakers with large magnets are inefficient due to their larger gaps, as well as their longer voice coils. Longer coils are necessary in order to keep the same amount of coil within the gap during long cone excursions. At any given position of the cone however, only a small portion of the coil is in the gap and energized by the field.

>It's power limitations will be both a combination of the coil
>structure and the mechanical limits the cone can move. For
>communications receivers, the audio output rarely exceeds 5 watts,
>therefore, it is easy to find a speaker that will handle the power
>electrically. Then the main concern becomes mechanical capability.

Even the mechanical requirements are not a significant concern when the power is limited to 5 watts and the frequency band is 300-3,000 Hz. Almost any cheap speaker will perform well in this situation.

<snip>

>Mostly this assumes the use of a large speaker, but it is true,
>a large speaker will poorly handle the highs needed in communications
>work. The voice coil will be unable to change the direction of the
>cone mass quickly resulting in not only loss of efficiency, but
>distortion due to "cone break-up."

No, break-up is a phenomenon that occurs at low frequencies as a result of excessive cone pressure. It almost never occurs at higher frequencies because cone movement and air pressure are much less substantial. Yes, the inertia of the cone and motor assembly is a major factor, but this causes frequency response rolloff, not breakup, and not harmonic distortion.

>Indeed, there is no need to seal the enclosure, but if you have one,
>just make sure that the volume of air inside is way above the critical
>amount for that speaker. (Vab)

This isn't particularly necessary from a practical standpoint. Critical volume is a function of the lowest reproduced frequency. Published specifications for this criteria assume the speaker will be used at its lower limit. The minimum necessary air mass for most

4" or 5" speakers at 300 Hz is probably about the volume of an egg. Cone-type audiophile midrange speakers with sealed backs often do have more enclosure volume, but this has more to do with elimination of unwanted resonances, speaker dampening, and efficiency matching in multiple-driver systems.

>Absolutely! I personally use an 8 inch PA horn for listening to voice
>communications. Otherwise, I use the 5 inch communications speakers
>from the professional two-way manufacturers, but they rank a distant
>second to the horn in my opinion.

A mid-range horn intended for audiophile use would also make an excellent communications speaker. However, the ones that extend down to 300 Hz are expensive and the mouth of the horn is large. They do offer extremely high sensitivity, but that's not useful unless you want to plug them it into the headphone jack.

Again, save your money.

73,

Jack

4683. Re: FT51R RX range?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: ctbaker@burrito.engr.ucdavis.edu
Message-ID: <49fj2u$nfl@mark.ucdavis.edu>
Source record: 209591

Rob Lingelbach (rob@sun.alegria.com) wrote:
: Can anyone tell me the RX range of the FT51R after modification, if
: any, to widen it as much as possible? thanks.
: --Rob

Using the MARS/CAP mod will give you 100-180 Mhz and 320-512 Mhz receive.
I believe the radio comes with 100-180 Mhz receive and 420-470 Mhz receive.

Chad

4684. Phone lines

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: "Charles W. Doolittle-Scovish" <doolic@rpi.edu>
Message-ID: <49dra9$3p7@usenet.rpi.edu>
Source record: 209592

I know this is in the wrong group, sorta, but if anybody could point me in the right direction.

I am creating a 2 station internal phone system. I have a 12-volt bias on the line. Everything works fine.

ONE CATCH: When phone A is picked up, I want phone B to ring. When phone B is picked up, I want phone A to ring. Not continuosly, but 1 ring of 4 seconds (standard) would suffice. This should be automatic, i.e. no buttons to push, as I have a cordless phone as one of the ends.

I am looking for either a manufacturer or schematics.

Thanks

--
Charles W. Doolittle-Scovish
doolic@rpi.edu
N1SPX
Frequencies at http://acm.rpi.edu/~n1spx

4685. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDIq957.B55@netcom.com>
Source record: 209593

o10022@a81.corp.mot.com wrote:

: Your experience-based opinions would be appreciated. I suggest an
: email response, unless you feel thet others in this forum would be
: interested.

Unless you do not read this newsgroup often, it would be nice to keep responses to this question out in the open, please.

I am thinking of buying the Astron RS-50M, and would be interested in hearing any responses that you get.

Thanks...Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

4686. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <49ejtq$223@cloner3.netcom.com>
Source record: 209594

I would suggest Astron. I've been using an RS-20A for over 20 years. I did have a problem with it once. RF got into it and it stopped working. Astron repaired and modified it at very reasonable cost. That was 15 or more years ago.

I also have a newer RS-35M. Yes they are somewhat large and heavy but they sure work like a champ. When I first got the newer one I measured the output with a Fluke DVM and it was exactly 13.8 VDC. It is very "stiff." When the power supply is turned off, it takes about 4 or 5 seconds before the radio actually goes off.

I can't knock other power supplies since I have no experience with them, but you can't go wrong with Astron.

73, WB6LWS Jim in Pacifica, CA

4687. Re: CW Filter 250 or 500hz??? (for weak signal or EME)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817626436.26165@pinetree.microserve.com>
Source record: 209595

In article <49fjsu$1r99@ns4-1.CC.Lehigh.EDU>, a313@Lehigh.EDU wrote:

>An important concern may be the insertion loss of the filter and the
>shape factor. I have found my old Drake R4/C will outperform my
>Kenwood TS830s. The Drake has a 250 cycle filter and the Kenwood has
>the 300 cycle unit. However the kenwood has a higher insertion loss
>and weak signals are often lost.

I've had that problem too, and it's a point that seems to be lost on
newer radios. In fact, I seem to remember some older rigs (or was it
homebrew designs?) that incorporated gain adjustment in filter selection.

73,

Jack WB3U

4688. Re: speakers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817629218.26165@pinetree.microserve.com>
Source record: 209596

clemens@academ.wvwc.edu (Richard Clemens) wrote:

>If you put a tube (cardboard, plastic, etc.) of the right length on the
>end of cheap speaker you can enhance your desired CW frequency tone and
>it will help pinpoint the desired signal.

This is the same principle employed in ported speaker designs, except
they tune the air mass of the entire enclosure. Tuned columns were
also used on a number of speaker designs in the 50's and 60's to
resonate drivers at low frequencies and provide a narrow-band increase
in low-frequency efficiency.

73,

Jack WB3U

4689. Re: IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817626782.26165@pinetree.microserve.com>
Source record: 209597

aust@gandalf.sp.TRw.COM (Mike Aust) wrote:

>A few don't care for full break in as it does not
>respond fast enough for those 35+ Wpm CW op's on full
>break-in well.

Full break-in CW isn't exactly rocket science. Why can't these guys
get it right?

73,

Jack WB3U

4690. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: mc@shore.net
Message-ID: <49esdn$ino@northshore.shore.net>
Source record: 209598

In article <49bgi1$1h9@miwok.nbn.com>, Gary <design@thereporter.com> wrote:
>NICK, N3FKS is concerned about todays price of ham gear...
>
>> These are all pertinent questions to the future of ham radio. What kind
>> of hobby are we developing? Are we going to price ourselves out of
>> existance?
>> Lets have a good talk about this.
>> 73's
>> Nick N3FKS
>>
>>
>Nick, my first a.m. station in the '50s, a Johnson Valiant and a National
>NC303 cost over $1000 and was ham band only and a.m./c.w. only. Today, about
>the same $1000 will get you something like a TS450sat which would have
>been considered science fiction back in the 50s!
>Considering what inflation has done to food, housing, transportation, and
>just about anything else you can name, our radio hobby has blessed us
>with bargains that should be the envy of most other pursuits you can
>name. Qwitchurbitchin, and enjoy the vast bargains available out there
>for your dollar.
>
>73,Gary, KJ6Q

And, just look want that Valiant and NC-303 are worth today!!!

73 de KH6KD/W1

4691. KPC 3 TNC WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: ab409@ccn.cs.dal.ca
Message-ID: <49dl21$l5v@ra.isisnet.com>
Source record: 209599

```
--
HELLO I AM LOOKING FOR A KPC-3 TNC FOR A FELLOW HAM.PREFER WITH CABLES.
THANKS BARRY VE1ROB FOR VE1DOT.
```

4692. Re: Kenwood HT79 Mods/Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: David Sorrel <dsorrel@omen.com.au>
Message-ID: <49e3fi$o2i@hades.omen.com.au>
Source record: 209600

Mods abound for the TH79 Ralph. However, I think the US version is shipped sans 800 mhz components. But the rest can be opened.

If you really can't find anything send me an email and I will send you what I have. I havn'e seen anything lately since all mods really have been published

Regards

David
VK6VW

4693. IC 706 D59

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DIr84H.2DI@iglou.com>
Source record: 209601

I performed the "yellow wire" mod last night and was very pleased with
the results. Thanks to whomever.

Chickened out of the D59 removal though. Even with my magnifying glass,
it is hard to see. perhaps after the warranty expires!

By the way. How did anyone know it was D59 since no diagram is available
and the board is not marked? Did this info leak from ICOM?
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4694. Re: ? Contacting Heathkit ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: Andrew Olney <aolney>
Message-ID: <1995Nov28.174403.61055@ucl.ac.uk>
Source record: 209602

Heathkit's been dead for years

4695. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: jdc@cci.com
Message-ID: <DIrK9E.BxG@sunsrvr6.cci.com>
Source record: 209603

Hear, hear! If anything there are more reasons and fewer excuses to homebrew today than say 20 or 30 years ago. All kinds of great stuff available, and it's cheap: DC-light MMIC amps with 50 ohm inputs and outputs, single chip receivers/transmitters, pre-built double balanced mixers, etc.

Pick up a Lafayette or Allied catalog from 30 years ago and see what prices were like in the "good old days."

As far as building your own printed circuit boards goes: So what? It sure beats point-to-point. Get a copy of shareware Pads/PCB and have at it. Print mirror image artwork on a laser printer, iron it to the PC board and etch. Or scan magazine PCB artwork on your PC, print on laser printer, etc.

Now on the soapbox for my pet peeve:

People who whine about how some new or different idea will never work.
People who are never willing to experiment or try anything different.
Note: This is not limited to hams.

On a drive home I mentioned a magazine article that used wireless VCR Rabbits to make a 900 mhz ATV station. (You just add BNC connectors and a 12-volt amp module.) Our local whiner thought it was all foolishness that could never ever work. Not only are these sniveling simps too afraid or ignorant to build anything, they feel the need to put down those who do. If all hams were like that we would still be using spark gap transmitters.

(Steps off soapbox.)

73..Jim N2VNO

In article <495pba$jv6@nnrp1.news.primenet.com>,
Christopher Trask <ctrask@primenet.com> wrote:
>
> As they say, EE heal thyself. Any engineer, in any discipline, who
>feels that rolling up his (her) sleeves is not worth the effort, should get
>out of the profession and make more room for people with genuine engineering
>talent. Flame me if you will, but an engineer who does not enjoy his pro-
>fession is about as useful as a sex partner who does not participate. And
>by that I mean that they are without any value whatsoever.
>...
> So, if you are a degreed EE, and a ham as well, then you have no
>reason to not being a homebrewer. You should, in fact, be out there pro-
>viding the technical leadership that this art (not hobby) needs. You don't
>need the latest and greatest test equipment. Your project doesn't have
>to have all of the features of Kenwood or Yaesu. It just has to work well

>enough to get you on the air.
>
> Okay. Take your best shot. Aim well: I don't die easy.
>
>
> Regards,
>
> Chris
>
>---
>Chris Trask / N7ZWY Circuit Design for the RF Impaired
>ATG Design Services __ __ ____ ___ ___ ____
>ctrask@primenet.com _~_ /__)/__) / / / / /_ /\ / /_ /
> (@ @) / / \ / / / / /__ / \/ /___ /
>----------------------ooO~(_)~Ooo---

4696. Re: FT-51R 15 kHz mod completed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: rkmorrow@aol.com
Message-ID: <49fbgs$j38@newsbf02.news.aol.com>
Source record: 209604

I've received several e-mail messages asking about how to test a FT-51R for the 15 kHz step problem. Set the VHF step size to 15 kHz and key in 146.52 MHz from the front panel. Next, step down one with the top knob. If the display now reads 146.505 MHz you're OK; if it reads 146.50 MHz you need the mod.

-Bob WB6GTM

4697. Re: TEN TEC SCOUT...GOTTA LOVE IT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: kencook@ix.netcom.com
Message-ID: <49fd38$d62@ixnews2.ix.netcom.com>
Source record: 209605

In <49e06g$9ac_002@news.erie.net> chris robson@erie.net (Chris Robson) writes:
>
>I would like to hear from anyone who has a Ten Tec Scout and your experiences
>good or bad. Even though I had mine to the factory once, I still love it and
>it's got a better receiver than the Yaesu FT-840 I USED to own.
>
>Any Commenets???
>
>Chris KB3A
>crobson@moose.erie.net
>
==========

Chris,

I recently used a brand new Ten Tech Scout that a friend insisted on loaning me during one of our trips out to the Eastern Tennessee area.(actually very near the Ten Tech location) In reality, I initially figured that he thought I would be a great field tester but I now think that he was tired of looking for me on 20 Meters / QRP / CW.

Short story, I was very pleased with it. I used it both mobil and portable with hamsticks for 20 and 40 meters attached to my car and the frame of my tent. I powered it with a 120 amp hour marine battery and did not even worry about recharging the battery until the 4th day; I only did that because I had the AC to do it at the time.

I kept several schedules with friends back in the Houston area with what I consider to be highly compromised antennas. I found that the 50 watts was plenty if band conditions were OK and the receiver seemed to operate almost as well as my Kenwood 850 SAT back at the house. I did buy and install the noise limiter but could not really tell it made much difference. It would likely be better tested in different cars with more noise than I had. It just seemed like a good idea at the time.

All things considered, it is a fine piece of equipment. When you can now buy a new Kenwood TS-50 for around $900, I wonder if the money would be better spent buying the Kenwood. If you take the price of the Ten Tech Scout, add in the costs of all of the bands (even though most will only use a couple) with the noise limiter, would you not be better off buying the TS-50? Maybe yes, maybe no. If you are looking for your first radio and can live with a couple of bands, the $300 or so

difference might be better in the bank than in more radio.

73...Ken Cook / N5RVK

4698. FS- Knwd Dual Bander+Access.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: Mike Whatley <73057.2225@CompuServe.COM>
Message-ID: <49dp9c$bf2$4@mhafc.production.compuserve.com>
Source record: 209791

For Sale-

TM-733 Kenwood Dual Bander 2m/440
DK-4 (13 foot breakaway kit)
Kenwood SP-50 External Speaker (mobile/fixed)
Kenwood SP-41 External Speaker (mobile)
Kenwood Dual Band Antenna MA-700 with Duplexer
Diamond Hvy Dty Mag Mount

Boxes+Manuals Package deal only -- All in excellent condition.
You pay shipping-E-mail-cash only- Firm $600

mike wa4d

--
Mike Whatley

4699. FS on USENET OK? or NOT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: Mike Whatley <73057.2225@CompuServe.COM>
Message-ID: <49dqehjlo1@mhafm.production.compuserve.com>
Source record: 209792

I am unfamiliar with the rec.radio. amateur equipment usenet policy.
I posted -(stupidly)- without checking a For Sale message.

Is this permissable? If not-- apologies to all.

Where are the USENETS for listing Ham gear for sale?

thanks-

mike wa4d

--
Mike Whatley

4700. Re: rechargable alkalines- comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: Erik Westgard <71505.341@CompuServe.COM>
Message-ID: <49ds2kjnt2@mhafm.production.compuserve.com>
Source record: 209793

There is a technical paper out on the "Renewal" brand rechargable
Alkaline batteries you can get by calling 800-237-7000. They
are supposed to be about like other alkalines the first time
around, and then steadily lose capacity. I use the AA types
in various portable radios, CD players and scanners.

Alkalines in general don't have much surge current capacity, so
are not suggested for transmitters like high power HT's.
Renewals do not like to be deep discharged, and have no memory
properties.
I was deep discharging mine (long years of ni-cad practice)
and was ruining quite a few. They have a modified design from
the throw-away models, and use a fast-pulse charger. The
chargers cut out at about 1.6 volts- "bad" batteries won't
charge that far, and the red light stays on on the charger.

I have not seen the claimed 25 cycles, but have gotten as far
as 5-6 so far. (About 5% of my batteries fail every charge, so
I may not get to 25 cycles). Shelf life (and self-discharge
rates) so good that I sold all of my loose Ni-cads at a recent
hamfest. I still run the stock Ni-cad packs and fast
chragers for those rigs where I have them.

73's
Erik, NY9D

4701. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: scibelli@ix.netcom.com
Message-ID: <49dtil$cgk@ixnews4.ix.netcom.com>
Source record: 209794

jlowman@netcom.com (Jim Lowman) wrote:

>I am thinking of buying the Astron RS-50M, and would be interested in
>hearing any responses that you get.

>Thanks...Jim

Jim, I've used the Astron 35A for 5 years. I did have the on/off
switch go on me a few years back and they sent me a new one free of
charge with no questions asked. They seem to be extremely well built
and the service was great. I'd buy an Astron in a nano.

Chris
NU1O

---
scibelli@ix.netcom.com
sjs1994@delphi.com

4702. TEN TEC SCOUT...GOTTA LOVE IT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: "chris robson"@erie.net
Message-ID: <49e06g$9ac_002@news.erie.net>
Source record: 209795

I would like to hear from anyone who has a Ten Tec Scout and your experiences good or bad. Even though I had mine to the factory once, I still love it and it's got a better receiver than the Yaesu FT-840 I USED to own.

Any Commenets???

Chris KB3A
crobson@moose.erie.net

4703. Re: FS on USENET OK? or NOT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: barsta1@epo.gov.on.ca
Message-ID: <49e0lj$17u@govonca3.gov.on.ca>
Source record: 209796

Mike Whatley <73057.2225@CompuServe.COM> wrote:

>I am unfamiliar with the rec.radio. amateur equipment usenet policy.
>I posted -(stupidly)- without checking a For Sale message.
>
>Is this permissable? If not-- apologies to all.
>
>Where are the USENETS for listing Ham gear for sale?
>

You can probably post For Sale anywhere you like, but I think you have better success with rec.radio.swap

73,
VA3ARE - Are Barstad

4704. Kenwood and Icom 4sale!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: store131@interramp.com
Message-ID: <49dv32$1lk@usenet1.interramp.com>
Source record: 209797

Forsale:

Kenwood TS430S $500.00
Kenwood AT-250 $250.00
Icom SM-8 Desk Mike $ 50.00
Icom 229H $250.00
Astron RS 20-M $100.00

None of the above units have ever seen the inside of a car. The TS430S is in mint condition. The
AT-250 is in excellent condition. The SM-8 is in mint condition and is wired for the TS430S and
Icom 229H. The Astron supply is also in mint condition. If you are interested in any of the above
please e- mail me. If you are curious why I'm selling all of this, the fact is that I use them about 3
times a year. They are just collecting dust. Please give them a nice home where they will used.

George

e-mail address: goflying@interramp.com

4705. Wanted: 2M mobile rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: deellis@cln.etc.bc.ca
Message-ID: <1995Nov28.033427.17479@news.etc.bc.ca>
Source record: 209798

I am looking for a 2m or dual band radio suitable for genaral use and packet.
No rockbound or obselete units please but I can't mortgage the house either.

Thanx & 73 de VE7DZJ

4706. Re: Radio with Taping at Selected Times?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: NCZN58B@prodigy.com
Message-ID: <49e4nu$1j8k@usenetw1.news.prodigy.com>
Source record: 209799

I just caught the tail end of this thread, so forgive me if I cover some old ground.

I use a Radio Shack Cassette recorder AM/FM clock radio combination to record at selected times. Set the radio to the desired freq, set the clock to wake to music, and the selector to radio, then set the alarm to go off at the program start time. Press record on the tape drive, so when the alarm kicks in, the radio comes on, and the tape starts.

-
JAMES DEAN KD4USF NCZN58B@prodigy.com
Yes that's really my name.

4707. Re: Comments on JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: gatkins@gatkins.seanet.com
Message-ID: <gatkins.43.30BA98FC@gatkins.seanet.com>
Source record: 209800

A couple things to keep in mind about the ANC-4. It introduces some noise of its own... if you are seeking weak DX signals near the noise level, be advised that the unit will RAISE the noise a bit. This is not a problem with stronger signals.

The ANC-4 is also overloaded without too much difficulty by strong RF floating around. If you have powerful local MW broadcasters this may be a down-side to the ANC-4.

It's a shame that JPS did not use a higher quality preamplifer circuit for the unit (i.e. lower noise, higher 3rd Order I.C.P.). I know this would have added to the cost, but it would have made the ANC-4 more useful to more people.

Guy Atkins
Fine Tuning's PROCEEDINGS Staff

4708. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: lnorvill@ix.netcom.com
Message-ID: <49eb9i$26o@ixnews2.ix.netcom.com>
Source record: 209801

In <jlowmanDIq957.B55@netcom.com> jlowman@netcom.com (Jim Lowman)
writes:
>
>o10022@a81.corp.mot.com wrote:
>
>: Your experience-based opinions would be appreciated. I suggest an
>: email response, unless you feel thet others in this forum would be
>: interested.
>
>Unless you do not read this newsgroup often, it would be nice to keep
>responses to this question out in the open, please.
>
>I am thinking of buying the Astron RS-50M, and would be interested in
>hearing any responses that you get.
>
>Thanks...Jim
>
>jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
>Systems Analyst | San Bernardino City Unified School District
>(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
>(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

Jim, have you given any thought to HP power supplies? they make a
great system supply, 0-24v/0-40a and also some great switcher supplies
@ 30-50a.

Lee Norville *KD6KCD *

4709. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <49e8dn$hgk@bighorn.accessnv.com>
Source record: 209802

In 1965 I picked rasberries at $1.27 a flat to purchase my used NC300 receiver and my first used motorcycle grand total $400. My father purchased our home of $16,500.

Seems to me in 1975 a FT101E sold for about $1000 with CW filter and External VFO. In 1995 for $1000 you can buy a transceiver that does all of the above and more for the same price. My latest dream machine at ZX750R sells for just under $10K. The same house today $125,000. Seems to me that todays hams have nothing to bitch about

Bob KG7D

4710. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: David Sorrel <dsorrel@omen.com.au>
Message-ID: <49e261$no3@hades.omen.com.au>
Source record: 209803

Spam or Spamming is in reference to something that stays forever or won't go away and never changes, you can't get rid of it. Also implies that "it" is bad or unwanted.

In this context:
Messages that people sent to multiple and maybe unrelated new groups, with unrelated content generally just to irritate the new group readers.

But you have to read it first to be irritated.

4711. KENWOOD WEBSITE WHERE????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-28 00:00:00 UTC
From: Giuseppe Sorrentino <S624684@vm.uni-bocconi.it>
Message-ID: <95332.152305S624684@vm.uni-bocconi.it>
Source record: 209804

I'll thank a lot to who will be able to communicate me the internet address of kenwood rig company(i'm sure it exists).

tnx for 73

DEFCON

4712. Re: What some think about sexy hams

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: russell@dreamscape.com
Message-ID: <49g9np$b10_001@x42.dreamscape.com>
Source record: 209606
Cross-posted to: rec.puzzles,rec.puzzles.crosswords,rec.pyrotechnics,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,rec.roller-coaster,rec.running,rec.scouting,rec.scuba,rec.skiing.alpine

In article <498k6u$5ee@news0.accent.net>, emdx@accent.net (Marc Dufour)
wrote:
>
>==========
>dmwelch@ornews.intel.com (Don Welch)
>&#65533;crivit le - wrote on 14 Nov 1995 17:01:27 -0800:
>----------
>
>>jimc@mdsroc.com (Jim Clarke) writes:
>
>>>I've only been an amateur radio operator for 18 years and I would
have to
>>(snip)
>>>Don't let the bad apples spoil the excitement that can be found in
amateur
>>>radio, there is something there for everyone (wives/girlfriends
too).
>
>>Speaking of HAM radios, could this group help me out? Every time I
go and
>>dive with my radio set, the fuse blows. What's the trick here?
>
> It could have something to do with your set antenna's SWR. What
does
>the S-meter says just before the fuse blows?
>
>----------Pour la R&#65533;publique Fran&#65533;aise du
Qu&#65533;bec----------
>In a Republic, society should be like school, whose prime mission is
to
>teach citizens how to judge for themselves by their own natural
light.
>In a democracy, it is school that must look like society, and it's
prime
>mission is solely to produce people adapted to the job market.
> R&#65533;gis Debray in "Are you a democrat or a
republican?"
>- Marc Dufour -- [\]ACUC 6 31874 & TDI -- http: will soon be relocated
-
>Pardon me, but what are ham radio enthusiasts doing in the

rec.pyrotechnics newsgroup?

4713. WTB

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: kkidd@usit.net
Message-ID: <49g8ed$e9q@news.usit.net>
Source record: 209607

I'm looking for a mobile hf amp with around 500watts out. An Ameritron ALS-500 mobile amp would be my first choice. I have a Yaesu FL-2100B in good condition / full output / spare set of tubes that I would like to trade for the above mentioned amp (with some boot of course).

Anyone with such an animal please email: kkidd@usit.net

Thanks,

Kevin Kidd
WD4RAT/mobile 4

4714. Alinco DR-600 losing its memory

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: jimw@nando.net
Message-ID: <49gcva$frq@castle.nando.net>
Source record: 209608

I have an Alinco DR-600 dual band VHF/UHF mobile transciever. It's about 18 months old. Anyway, it's developed the annoying problem of losing all of its memory settings intermittently. Sometime it will go a couple of days before losing it. Other times it will lose it just by turning it off and back on.

I've replaced the lithium battery located in the removable control head. That hasn't helped. The battery I replaced it with wasn't from the factory, but was a solder in 3v lithium.

If anyone else has experienced this problem and figured out how to fix it, I'd like to hear about what you did.

Otherwise, I guess it's a (probably expensive) trip back to the factory :-(

Thanks in advance.

Jim Wagner, N4SVZ
jimw@nando.net

4715. R.E. ICOM 735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: kevind@accesscom.net
Message-ID: <49ggms$1c0@ux.accesscom.net>
Source record: 209609

I am looking for anyone that has or knows where I can purchase an interface to my ICOM735 to my PC.

Thanks, Kevin

4716. Re: ? Contacting Heathkit ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <49g800$818@crow.cybercomm.net>
Source record: 209610

I've heard that they can be contacted at:

Heath Parts 1-616-925-5899

Also

Heath Replacement Parts
455 Riverview Drive
Benton Harbor, MICH 49022

Please let me know if this info is still valid..I found it a few
months ago...

Steve, Wa2nhz

4717. Re: Which rig: FT1000 or FT1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <49gll5$hp@tilde.csc.ti.com>
Source record: 209611

>drives an Alpha 87A (requires less than 50 watts drive). He found a
>bugaboo with the 1000MP in that you can not continuously adjust the
>power output on SSB, only on CW.

>it. I had considered the 1000MP, but like N4ZZ I use an Alpha 89
>amplifier and need the variable power option to drive it.
>
>Ron,, W4VR

Ron, guess I'm missing something. I've never had problems driving the Alpha amps at less-than legal limit by reducing the carrier drive or the microphone gain. I mean, I've used radios with amps (like the 77DX) and simply cut the mic gain down to reduce input drive to the amp. Provided you use an ALC feedback circuit from the amp to the rig, there is no risk of overdrive.

From your message, is that to say that the 1000MP's RF PWR control only controls the carrier / drive, and not the ALC on SSB? Why not just reduce mic gain like we did on older tube-final HF rigs?

Unless you want to drive the amp at less-than-legal limit, wont the ALC feedback from the amplifier to rig automatically reduce the exciter drive to adequate levels ? Or, are you saying that the ALC input jack of the 1000MP does not operate?

Just curious. This is the first I've heard of this problem with the 1000MP, but then what do I know!

73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

4718. TX mod for Alinco DJ180?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: jls <jls@sierra.net>
Message-ID: <49glbi$dja@jobes.sierra.net>
Source record: 209612

Is there a TX mod for this radio?

--
Cya l8er... -=lArRy=-

4719. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <49gnte$olg@odo.PEAK.ORG>
Source record: 209613
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Santa Claus (santa@northpole.com) wrote:

: SPAM is also idiots like JOE and his frend Brandis whoever who post
: off topic messages, or people who cross post a "Call me, I'm horny.
: 011-32-4443-22332. Only 10 cents a minute" to EVERY newsgroup,
: including binaries.

No, off topic posts are NOT spamming. You should learn the meaning of a term before trying to define it.

Note the trimmed newsgroups. Your post WAS a spam.

Bill

4720. Icom IC02A channel spacing.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: as149@detroit.freenet.org
Message-ID: <49gin8$opo@detroit.freenet.org>
Source record: 209614

Hi,
I have an IC02A which has been modded to 12.5/25 kHz channel spacing
and I want to change it back. I know that it involves moving
SMD diodes at the top of one of the boards, but I have no schematic
or knowledge of which is which.

Do you know which diodes are which, or, do you have an IC02A
I can have a peep into to find out?

73, Murray ZL1BPU/W8

4721. Re: Yaesu FT-51R or Kenwood Th-79A (D) Pros & Cons?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: mlin@nwu.edu
Message-ID: <49gb6g$h1v@news.acns.nwu.edu>
Source record: 209615

Hi,

I'm also looking into the Yaesu FT51R or the Kenwood TH-79A(D). Which
would you choose and why?

mark

CPaulien (cpaulien@aol.com) wrote:
: I am planing to purchase a dual band HT soon and am thinking of purchasing
: a Yaesu FT51R or a
: Kenwood TH-79A (D) based on their specs and features. I was wondering if
: anyone had any
: comments pro or con about either, including any mods. Although I have
: worked the HF bands for
: a couple of years I haven't as yet purchased anything for the VHF/UHF
: bands. Any suggestions
: will be welcome.

--
Mark Lin <mlin@nwu.edu>
http://www.nwu.edu/people/mlin
Northwestern University, Evanston, IL, USA

4722. Re: Yaesu FT-51R and No Cross Band Repeat.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <49h3ei$aue@ixnews5.ix.netcom.com>
Source record: 209616

In <497m6v$8js@sneezy.icinet.net> kharvey@goldrush.com (Ken Harvey)
writes:
>
>I did the extended receive mod by holding the arrow keys and ever
since the
>cross band repeat does not function. The function says RPT ***** in
the
>display but nothing is repeated. Any suggestions? Please email me at
the
>below address. Thanks a bunch.
>
>
>
>---
>Ken Harvey - kharvey@goldrush.com
> WWW - http://www.goldrush.com/~kharvey
>---
>
FT-51R Cross-band Help

YOU NEED TO TURN THE DUPLEX MODE ON. PRESS [F] [9] TO TURN ON..

Guess what... Your cross-band or one-way repeat function will now
work..

73's

Kevin

4723. Thanks, and more on Repeater / Amp situation.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <49h3v6$9eo@newsbf02.news.aol.com>
Source record: 209617

Thanks to all who responded both email and to the group.

Here's what we've done. (And, thanks to ya'll, everythings in the right place.)

Repeater: Micro Control Specialties, Mark 3 CR, Rack Mount

Amp: T E Systems 1412 R, rack mount repeater type, 170 watt.

Power Supply: Astron RM-50M, 50 amp metered rack mount.

Duplexer: Telewave TPRO 1454

PreAmp: Custom made and expensive, but generic looking, by GLB.

All this rack mounted in a beautiful 5 foot tall beige colored communcations cabinet, found at a surplus store. (For $40.)

Repeater site is at our regional State Highway Patrol Communications center. Rack rolled up right next to their impressive array of repeater and gadget systems. Polyphasers, the whole works. Even a Catepillar (sp?) emergency power generator large enough to run the entire facility. The radio room itself is backed up by a room full of lead acid glass jar type batteries just in case the generator quits. VHF antenna by Decibel Products mounted 240 feet up on the top of their microwave tower.

System installed this past Monday. Works great with one exception: Lots of extra power though the receive capability is terrible. Worse than before the added improvements. Our theory is that the duplexer cavities need realigning, and that the extra power is desensing the receive capabilities. Repeater is putting 30 watts into the amp. Amp is putting out 135 watts into the duplexers. Only 90 watts coming out of the duplexers. Losing 45 watts and lots of receive somewhere in there. SWR is not a problem. Any ideas on this appreciated.

Thanks again. I'll keep you informed.
Cordially:
Rick Crider kd4fxa
UCARS (Union County Amateur Radio Society)
145.39 Mhz, (down 6)
Monroe NC

4724. Re: KENWOOD WEBSITE WHERE????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <49gpnt$r7e@bighorn.accessnv.com>
Source record: 209618

Giuseppe Sorrentino <S624684@vm.uni-bocconi.it> wrote:
>I'll thank a lot to who will be able to communicate me the internet
> address of kenwood rig company(i'm sure it exists).
>
>tnx for 73
>
>DEFCON
Kenwood Communications Corporation netsite is:

http://www.kenwood.net

73 Bob KG7D

4725. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: Bob Winingham <kc5ejk@onramp.net>
Message-ID: <49gol7$ob3@news.onramp.net>
Source record: 209619

It is too bad you did not just come over to Dallas and visit
TUCKER or Texas Tower. I try to visit them one a month.

73

4726. Yaesu FT70G information

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: faunt@netcom22.netcom.com
Message-ID: <FAUNT.95Nov29042959@netcom22.netcom.com>
Source record: 209620

Can someone give me information about this rig, like its power output,
frequency coverage, weight, etc.?
73, doug

4727. Last TenTec Without PLL ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: dsnowden@ccd.harris.com
Message-ID: <49hplj$eprt@rs2.ccd.harris.com>
Source record: 209621

What was the last (most modern) TenTec transceiver that did *not*
use a PLL system? I am thinking of scouting around for one, and
want to buy a radio I have a chance of repairing myself. The PLL
area tends to be propreitary and difficult to troubleshoot.

Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
dsnowden@ccd.harris.com

4728. Re: HELP: What antenna to buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <49hnjj$e7d@mksrv1.dseg.ti.com>
Source record: 209622

Hi, Chad. You might try a Discone in the attic (Radio Shack or other brand). Also, consider a dual-band mobile antenna with a counterpoise arrangement. These are commercially available, or you could build one yourself and mount the antenna on it.

Or... install an antenna on your Mustang and run coax into the house ;)

73,
Dean Hemphill, KC5NG
(you know me from the Classic-mustangs mail group)

4729. Re: FS on USENET OK? or NOT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <49hnm8$e7d@mksrv1.dseg.ti.com>
Source record: 209623

<snip>
>Where are the USENETS for listing Ham gear for sale?
<snip>

Try "rec.radio.swap". It's a buy/sell/trade newsgroup.
I've bought and sold a bunch of stuff through that one.

73,
Dean, KC5NG

4730. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <49i6s8$jk9@hg.oro.net>
Source record: 209624

Heathkit did not die as a direct result of the lower cost of Japanese
>"appliances." It died because our society stresses convenience and instant
>gratification, and places little or no (often negative) value on hands-on
>labour and personal accomplishment.
>
Well, it is just a little more subtle than that. The Heathkit model
that sold the best, more of them than any other, was the venerable old
"Twoer", sometimes called the Benton Harbor Lunchbox". I shamelessly
admit to having one of those old behmoths back in the engineering cage
somewhere just to show me what fundamental simplistic engineering can
accomplish. When Heathkit decided that they had to have all the bells
and whistles of the offshore junk and charge accordingly, they died.

Today's ham (and I speak for the great unwashed majority, certainly
not ANYBODY interested enough in the hobby to read this article) makes
his/her buy decision based on how many goodies the box has. Is it
smaller than a matchbox, 1100 memories, puts out a kilowatt powered by
a flashlight battery, a readout that puts a stoned spider to shame,
buttons on front, top, side, back, and a secret reset series of
dipswitches on the bottom that double as a carlock mechanism when you
detach it.

And only used on the vfo to talk crosstown to other goofs who can't
remember how to program THEIR rigs either.

If somebody (and I speak as a design engineer as well as a minor
manufacturer of ham gear) comes out with a bonehead simple 2-meter rig
that has ten channels with +/-/s offsets and all the pl freqs
(internally EPROM controlled and changeable at the factory or locally
by anybody with a simple EPROM programmer) and can sell it for $99,
they are going to make a fortune. To hell with the secret tone
squelches, the hi-lo power switch, the clock, the timers, the handy
pocket clip that doubles as a pencil sharpener and the alarm that
sounds your anniversary. You want an egg timer? Go buy a West Bend.

Sorry, the soapbox got to me. KISS and BURP.

Jim

Jim Weir VP Engineering | "We seem to be standing on
RST Engineering | the foreskin of technology."
Grass Valley CA 95945 | (Gen Chuck Yeager)
voice/fax 916/272-1432 |
rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

4731. Re: rechargable alkalines- comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <49i7bh$js2@hg.oro.net>
Source record: 209625

reinerp@panix.com (Peter Reiner) wrote:

>How do the new "millenium" rechargable alkalines compare with
>nicads in terms of power output and life?

millenium --> Renewal(tm)

Well, I just did a rather in-depth study of them for use in aircraft hand-helds and wrote an article that is due to be published in "KITPLANES" magazine in January or February. You might want to get a copy of that magazine. Failing that (copyright laws and all) I'll post a copy of the article (less photos) in my ftp site and you can download it in March. Sorry about the delay, but my editor has first publication rights.

The bottom line, though, is that they are the best thing since bottled beer for a medium-power handheld, ESPECIALLY if you RTFM and recharge them BEFORE they get so low that recharging is a real effort for them. I've got a set in my 2-m Kenwood that have been there for two years, weekly if not daily use, and I must have 50 recharge cycles on them and they still test in the high green on my loadmeter after charge.

Jim

Jim Weir VP Engineering | "We seem to be standing on
RST Engineering | the foreskin of technology."
Grass Valley CA 95945 | (Gen Chuck Yeager)
voice/fax 916/272-1432 |
rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

4732. Re: Ham equipment is so damn Expensive. GET ANOTHER HOBBY!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: pieter.ibelings@sciatl.com
Message-ID: <49i7k4$dqo@firehose.mindspring.com>
Source record: 209626

:}

4733. Re: Last TenTec Without PLL ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: David Werner <werner@itis.com>
Message-ID: <49i98c$3a1@tower.itis.com>
Source record: 209627

I had exactly the same idea... So I sold my TS-850 and now
am very happy with a Ten Tec Corsair. (the "II" model is
slightly better but is disproportionately more expensive.)

Good Luck!

Dave (AA9OL)

4734. WANTED: CY-979/URR RADIO METAL CABINET

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: mc@shore.net
Message-ID: <49idkl$8m3@northshore.shore.net>
Source record: 209628
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Does anyone out there have a military metal radio cabinet labelled
CY-979/URR. This is for the R-390/390-A receivers.

Thanks.

73 de KH6KD/W1

Michael Crestohl
mc@shore.net

4735. Tripp Lite Corp.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: robertso@csc.mc.edu
Message-ID: <49ilcd$e97@csc.mc.edu>
Source record: 209629

Does anyone know the phone number or adress of Tripp Lite?

Anything would help!

Please e-mail or post.

Thanks
--
Chad Robertson
Box 4862 inet:robertso@csc.mc.edu
Mississippi College (601)925-3033
Clinton, MS 39058

4736. Screw Driver HF Mobile Ant

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: kkidd@usit.net
Message-ID: <49hn0k$hvt@news.usit.net>
Source record: 209630

Im looking for information on building or buying a good quality "Screw Driver mobile HF antenna. Please reply here or email: kkidd@usit.net.

Thanks,

Kevin Kidd
WD4RAT/mobile 4

4737. VHF Communications Magazine

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: Michael J Wooding <vhf-comm@g6iqm.demon.co.uk>
Message-ID: <286637861wnr@g6iqm.demon.co.uk>
Source record: 209631

Hi There,

Things have changed a little on our WWW site. A few (not too many)
graphics and a small selection of past articles as tempters.

Take a look?

http://www.taynet.co.uk/~gdx/ag/vhfcomm.htm

73 ... Mike
--
Michael J Wooding vhf-comm@g6iqm.demon.co.uk - CompuServe: 100441,377
Web Pages: http://www.taynet.co.uk/~gdx/ag/vhfcomm.htm
Tel: (0)1788 890365 Fax: (0)1788 891883
KM Publications, 5 Ware Orchard, Barby, Nr.Rugby, CV23 8UF, UK
VHF Communications Magazine - Especially Covering VHF, UHF and Microwaves

4738. Re: Comments on JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <49hsrh$d08@newsbf02.news.aol.com>
Source record: 209632

In article <gatkins.43.30BA98FC@gatkins.seanet.com>,
gatkins@gatkins.seanet.com (Guy Atkins) writes:

>
>A couple things to keep in mind about the ANC-4. It introduces some noise
of
>its own... if you are seeking weak DX signals near the noise level, be
>advised
>that the unit will RAISE the noise a bit. This is not a problem with
stronger
>
>signals.

It would have to add some low level noise, since the noise from the sense antenna and the outside antenna are not the same.

Remember how it works, it requires identical noise sources to canel. If the imnternal antenna picks up noise the external antenna does not, or if the different noises have different phase variances between the two antennas, the noise will not cancel and can actually add.

If you want to overcome this problem, you nead a clear area for a direction receiving array!

The pre-amp may not be as bad as it seems, this is probably the most difficult application in the world for a pre-amp!

73 Tom

4739. Re: J POLE ANTENNA PLANS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <49hv8a$26t@mgate.arrl.org>
Source record: 209633

Bruce Burke <eaim103@email.mot.com> wrote:

>I personally belive that at VHF and UHF, the construction of most baluns
>are beyond the average amateurs capability. I know, I've frustrated
>myself with them thoroughly! (And strained some friendships!)
>Especially "current" baluns, which are mechanical nightmares.
>(Outside of the naturally occuring 4:1)

A very effective balun that is easy to build is to use a coil
of miniature coax and stick it inside a piece of aluminum tubing,
such as a yagi boom or mast support. By paralleling quarter
wavelengths of 75 or 50 ohm coax, you can even do a bit of impedance
matching for that portable yagi. If you use square tubing, you can
drill and tap holes for a BNC or N connector. Maybe not the lowest
loss, but you can build a pretty rugged antenna to take on hikes.

Zack KH6CP/1 zlau@arrl.org

4740. Radio Mods for Most all Gear

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01HY7X77G9UO8WWWNN@SUNBELT.NET>
Source record: 209634

I collect mods for ham gear and scanners,I have 1,600 of them
if anyone need a mod please email too me with the mod you
need and your retrun email address and i will see if i have it
and sent it back too you via email.Radios i have mods for
Kenwood,Alinco,Yaesu,Standard,Icom,Heathkit,I also have mods
for the bearcat and radio shack scanners.

From Bobby Raymer AD4HL Email braymer@sunbelt.net

PS..I dont have any mods for the NEW ICOM AND ALINCO Radios yet.

--

4741. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <49i5pu$hqt@hg.oro.net>
Source record: 209635

> Yes Nick Drake is still in business

Who is Nick Drake??

;-}

Jim

Jim Weir VP Engineering | "We seem to be standing on
RST Engineering | the foreskin of technology."
Grass Valley CA 95945 | (Gen Chuck Yeager)
voice/fax 916/272-1432 |
rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

4742. Yaesu FT-1000MP: Reality Check

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: "Paul Christensen, N9AZ" <paulc@jax.se.continental.com>
Message-ID: <49i6a8$g97@usenet.continental.com>
Source record: 209636

For those of you with pricing questions concerning the Yaesu FT-1000D and FT-1000MP models, consider this:

A $2800 street price FT-1000MP will end up costing $3875 when you purchase all the I.F. filters, and the high-stability TCXO reference oscillator (Included in the FT-1000D).

The purchase price between the two becomes very close when we compare apples with apples. Chip Margelli, Yaesu's Service Manager confirmed this today.

-Paul, N9AZ

4743. Astron Power Supplies

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <49i77h$pl@pacific.mps.ohio-state.edu>
Source record: 209637

Astron power supplies work as advertised, but are definitely not
commercial-grade instruments. The internal wiring is definitely not
"pretty." I have a 50 Amp 12V model with meters, and was shocked at the
internal construction. I ended up rewiring it because I
couldn't stand to look at it. Furthermore, various external bolts on the
cabinet were at the postive unregulated voltage. Your best bet would be
to find a used Lambda or Kepko supply. Either will outlast the buyer.
Jin W8ZR

4744. RF choke color coding

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: "Colin Schmutter"
Message-ID: <49i7f7$r2g@chopin.bcit.bc.ca>
Source record: 209638

I am a bit unclear as to how the color coding scheme applies to small RF chokes. The type of choke I am refering to look like small resistors and have colored bands around them.

I can see that the first and second band refers to a digit value as in a resistor but the multiplier band confuses me.

For example what value would a choke with the colors brown black and orange represent?

Any help would be appreciated.

cschmutter@bcit.bc.ca

Colin

4745. Help: What 2m amp to buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: ctbaker@burrito.engr.ucdavis.edu
Message-ID: <49gqfv$rep@mark.ucdavis.edu>
Source record: 209639

I want to buy a 2m amp for my HT for use at home.. I want between 35w and 90w out with no more than 5w in but I would prefer no more than 3w in.

Any suggestions on brands and models??

Thanks

Chad
KE6ZTC

4746. Re: Thanks, and more on Repeater / Amp situation.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DItJEH.8y3@avalon.chinalake.navy.mil>
Source record: 209640

rickcrider@aol.com (RICKCRIDER) wrote:
>Thanks to all who responded both email and to the group.
>
>Here's what we've done. (And, thanks to ya'll, everythings in the right
>place.)
>
>Repeater: Micro Control Specialties, Mark 3 CR, Rack Mount
>
>Amp: T E Systems 1412 R, rack mount repeater type, 170 watt.
>
>Power Supply: Astron RM-50M, 50 amp metered rack mount.
>
>Duplexer: Telewave TPRO 1454
>
>PreAmp: Custom made and expensive, but generic looking, by GLB.
>
>All this rack mounted in a beautiful 5 foot tall beige colored
>communcations cabinet, found at a surplus store. (For $40.)
>
>Repeater site is at our regional State Highway Patrol Communications
>center. Rack rolled up right next to their impressive array of repeater
>and gadget systems. Polyphasers, the whole works. Even a Catepillar
>(sp?) emergency power generator large enough to run the entire facility.
>The radio room itself is backed up by a room full of lead acid glass jar
>type batteries just in case the generator quits. VHF antenna by Decibel
>Products mounted 240 feet up on the top of their microwave tower.
>
>System installed this past Monday. Works great with one exception: Lots
>of extra power though the receive capability is terrible. Worse than
>before the added improvements. Our theory is that the duplexer cavities
>need realigning, and that the extra power is desensing the receive
>capabilities. Repeater is putting 30 watts into the amp. Amp is
>putting out 135 watts into the duplexers. Only 90 watts coming out of the
>duplexers. Losing 45 watts and lots of receive somewhere in there. SWR
>is not a problem. Any ideas on this appreciated.
>
>Thanks again. I'll keep you informed.
>Cordially:
>Rick Crider kd4fxa
>UCARS (Union County Amateur Radio Society)
>145.39 Mhz, (down 6)
>Monroe NC

135 watts in and 90 out is about a 1.5 to 2 db loss in the duplexor which is pretty much what you expect. When you tune the duplexor make sure you have the open port terminated with 50 ohm. putting a dummy load or 50 ohm 3 or 6 db pad on works well. Get a spectrum analyzer and tune using it. Make sure that all of your cables and connectors are perfect. Double shielding on all coax is required in a high RF site as you describe and when using 135 watts out. Using N connectors will sometimes help the desense problem.

Try without the preamp. They sometimes are the culprit if not tuned properly. Also try turning down the gain on the preamp a few db. Sometimes they ossilate when run a max gain. You are using the preamp for its low noise figure rather than the high gain anyway.

Good luck!!!!

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-----------------------------------------------/
```

4747. HELP: FT-23r Display Blinking!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: gaulandm@mdhost.cse.tek.com
Message-ID: <49iinv$bev@tekadm1.cse.tek.com>
Source record: 209641
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

My Yaesu FT-23R HT has taken up the rather distressing habbit of
continuously flashing everything on the display. It no longer
seems to transmit, though receive works fine on whatever repeater
it was last tuned in to.

Any ideas on how to best discourage this behavior?

Thanks,
Mike

--
Michael A. Gauland gaulandm@mdhost.cse.tek.com
AA7JF (503) 627-5067

4748. IF filtering/gain question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <3717.817623588@safety.ics.uci.edu>
Source record: 209642

I am reworking a Kenwood TS 130V and just added another crystal filter (two 8 pole filters, monolithic design), and I plan to move the noise blanker in before both filters. I also want to add a little more IF gain, got a Ten Tec wideband RF preamp and plan to stick it in there at the 9 MHz stage. Would it make sense to put it before both filters, or in between, or after? I figured to put it between the two filters, but it is just a sense I have.

I also have to do some impedance matching, the preamp has 50 ohm input and output, whereas the filters are 2 K input and output. Any hints on how best to do this? Wind two little toroids? Where would I get design info on how to do it?

Along similar lines, the mixer stage uses a pair of 3SK74's. Anyone ever replace these to come up with a mixer capable of more signal handling? I get easily overloaded with an outboard preamp, and wondered where I could improve this situation. I think my 130 uses the bandswitch to switch in the bandpass filters for the receiver, so diodes are not the problem.

Any ideas?

Clark
WA3JPG

4749. Re: Which rig: FT1000 or FT1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: "Paul Christensen, N9AZ" <paulc@jax.se.continental.com>
Message-ID: <49i5lu$g97@usenet.continental.com>
Source record: 209643

I spoke with Chip Margelli, Yaesu's Service manager this morning. When driving an external amp, you presently have two choices:

1) Use the ALC from the amp to regulate the transceiver or,

2) The method I prefer: Use an adjustable constant voltage source at the ALC connector. This can simply be a potentiometer connected to a 12 volt power supply with the pot's wiper arm connected to the ALC jack's inner conductor. You should consider using a current limiting (1,000 ohm or so) protective resistor on the pot's wiper arm.

Hopefully Yaesu will address and correct for this. I have *never* used ALC on my amplifiers in the past. Their operation seems to be erratic and difficult to properly match between the various amplifier and transceiver manufacturers. Instead, I use a Bird peak-responding wattmeter and adjust the transceiver's drive level to the desired amplifier output level.

-Paul, N9AZ

4750. Yaesu 8500 Info?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: "Alan K. Adamson" <ne1h@tornado.ne1h.radio.org>
Message-ID: <30BCF486.77783AF3@tornado.ne1h.radio.org>
Source record: 209644
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

All,

I looking for feedback on the yaesu 8500 mobile. Any users out there
with comments. Please email or post.

Thanks,
Alan Adamson
NE1H
ne1h@tornado.ne1h.radio.org

4751. Re: Last TenTec Without PLL ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DItuqx.Gz1@iglou.com>
Source record: 209645

Probably the Corsair 2. The price you pay for no Pll is drift. It had
no general coverage, ham band only.

Doug Snowden (dsnowden@ccd.harris.com) wrote:
: What was the last (most modern) TenTec transceiver that did *not*
: use a PLL system? I am thinking of scouting around for one, and
: want to buy a radio I have a chance of repairing myself. The PLL
: area tends to be propreitary and difficult to troubleshoot.

: Doug, N4IJ dsnowden@ccd.harris.com

: --
: Doug Snowden
: dsnowden@ccd.harris.com
:
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4752. Need good used HF rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: Someone <someone@lps.esu18.k12.ne.us>
Message-ID: <49igde$mus@news.nde.state.ne.us>
Source record: 209646

I'm a new ham, and I don't have anything except a lisence, so if anyone has one for sale, E-mail me.

Thanx!

4753. Re: IC-706 remote control

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-2911951707050001@paul_nix.aud.alcatel.com>
Source record: 209647

In article <49a3cb$1kj@news.Belgium.EU.net>,
<walter_crauwels@qmserver.vtm.be> wrote:

> I was thinking to control an ICOM IC706 on remote,
> So the idee was to extend the 4 pins connector over an RF link
>
> Does anyone know something about the protocol,or did someone
> tried this yet ???
>
> 73 Walter ON4BCB @ ON6AR or Email me

I talked to the ICOM folks a week ago (November 22) in Washington State, here in the U.S., and they sent me a schematic. It isn't the best quality (being made on a copier), but most of the text can be read.

I've been curious myself, about the control protocol used between the control head and the main radio. I don't know anything about that yet, but I do now know something about the signal lines used.

There are separate transmit & received data lines, from the control head to the radio, and from the radio to the control head (it's not a shared bus). I don't see any sign of clock lines, so I presume the signals are sent in an asynchronous format, where there isn't too critical a requiremnt to synchronize the control head to the radio (as with a 'start-stop' protocol like 5-level Baudot Code). If I get brave I may put a scope probe on the lines, to see if I can tell anything about the data simply by observation.

Wouldn't it be convenient if we found that the control head to radio data is something simple like a 10-bit code, at a data rate that a PC could generate? Then we could 'write' our own control head in software.

73

Paul Nix (WB5AGF)
e-mail: Paul_N_Nix@aud.alcatel.com
Garland, Texas

4754. Where is JVFAX

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: ea2abj@jet.ES
Message-ID: <19951129110355702.AAA171@GAS-2.JET.ES>
Source record: 209648

Hallo every body.
I=B4m looking for the adreess where is the program Jvfax 7.1, and where is=
the
first site where is the TPK 1.83 for windows.
Thanks.

=20
Tony Guerrero Esquina AX25Net : EA2ABJ@EA2RCF.EAVI.ESP.EU
Apdo 677 CP 01080 AMPRNet : ea2abj@ea2abj.ampr.org [44.133.01.32]
VITORIA (ALAVA) E-mail : ea2abj@jet.es =20
SPAIN Excuse me for my poor English.

=20
=20

4755. Kenwood TS850SAT For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: billrobb@serv01.net-link.net
Message-ID: <49hs4b$8k3@leol.net-link.net>
Source record: 209649

Kenwood TS850S-AT in mint condition, covering all Ham bands from 160 - 10 meters. General coverage receiver, also, covering from 50 kHz to 30 MHZ. Built in antenna tuner, 100 memory channels, tunable AF notch filter, speech processor, etc. $1,200.

Please contact me at: billrobb@serv01.net-link.net

Days 616/345-7988
Evenings 616/375-7978

4756. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <49hjp6$3li@solaris.cc.vt.edu>
Source record: 209650

I have a LUKE power supply and it is a first-class, commercial grade supply that has exceptional RF filtering. They make supplies primarily for the military and the FAA but have advertised in some of the Ham mags. They are located in Michigan and don't sell any small supplies (i.e. less than 50 amps).

4757. Re: (Q) Singal Amplifier for 915Mhz range.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: Gary Watts <gwatts@qni.com>
Message-ID: <Pine.SOL.3.91.951129075347.16150D-100000@qni.com>
Source record: 209651

Scott:

On 28 Nov 1995, Bill Bennett wrote:

> whitefox@ix.netcom.com (Scott Anderson) wrote:
> >I am using a 915Mhz RF Ethernet card to connect two office network
> >together
> funny here in San Diego we have an amateur television repeater with a
> input at 915 mhz were only running 25 watts!
>
What is so funny about that.

There are a lot of 900 MHz stuff that operates close and in the ham
band at 440 and 900.
Look at your Rabbits and other 900 MHz tv extenders
they operate AM , FM and SS<Phones>

Bandplans.... They can be fun

Gary Watts de N0OXV
Kansas City Mo
81 GL1100I

4758. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: Santa@northpole.gov
Message-ID: <30bc90c4.381903851@news.hooked.net>
Source record: 209652
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

billn@PEAK.ORG (Bill Nelson) wrote:

>Santa Claus (santa@northpole.com) wrote:
>
>: SPAM is also idiots like JOE and his frend Brandis whoever who post
>: off topic messages, or people who cross post a "Call me, I'm horny.
>: 011-32-4443-22332. Only 10 cents a minute" to EVERY newsgroup,
>: including binaries.
>
>No, off topic posts are NOT spamming. You should learn the meaning of a
>term before trying to define it.
>
>Note the trimmed newsgroups. Your post WAS a spam.

No, their yelling back and forth arguing about who's cock was bigger,
who called who, who fed ex'd what, who's son was a ham, who's annoying
while they type in all caps.. THAT is spamming. YOUR spamming, telling
someone the're spamming. Get a life..

==========
Evan Platt, Communications Department - IncidentNet (tm)--Emergency Notification System
eplatt@hooked.net / National ID: (Net/3501)
http://www.hooked.net/users/eplatt/incidentnet.html
Fax : 415-813-1072 / Pager: 415-907-1697 / Office: 415-856-1803
Standard Disclaimer

4759. Re: CW Filter 250 or 500hz??? (for weak signal or EME)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <30bc8b90.4718826@nlcnews.nlc.state.ne.us>
Source record: 209653

On Tue, 28 Nov 95 18:23:22 GMT, jackl@pinetree.microserve.com (WB3U) wrote:

> I've had that problem too, and it's a point that seems to be lost on
> newer radios. In fact, I seem to remember some older rigs (or was it
> homebrew designs?) that incorporated gain adjustment in filter selection.

I believe that was the Kenwood TS-180. I worked lots of CW back then and
remember the rig having extra gain when switching in the narrow filter. I
liked this feature and wish it was included in the current crop.

_____ _____ _____ ___ _____
__	___ ___ _ _ ___	_	__			
		.'| _|		|___|								
_____	__,	_		_		__	__	_____	___	_	___
___	mcduffie@hannibal.wncc.cc.ne.us

[Message made entirely of recycled characters.]

4760. Re: IC-706 Comments and Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-2911951716360001@paul_nix.aud.alcatel.com>
Source record: 209654

In article <49cun3$hvm@pacific.mps.ohio-state.edu>, James Garland
<garland@ohstpy.mps.ohio-state.edu> wrote:

> A few questions, re the IC-706, based on one weekend's experience with
> the radio:
>

> 2. Duty Cycle: Is the duty cycle 100% for key-down 100 Watts output? Does
> the rig shut itself down if it gets too hot?
>

>
> Jim W8ZR

Jim:

Last Saturday (Nov 25th) was 'ICOM Day' at Tucker Electronics, in
Garland, Texas (where I live). A couple of guys from ICOM were there,
and I asked them that same question (regarding duty cycle).

The answer I got left me a little unsure but ... here it is:

"Yes ... 100 % duty cycle" ...but then they said
"the radio will cut-back power if it gets too hot"

So I guess that's kind of a 'limited' 100% duty cycle ...

I still can't figure out how that little radio can generate 100 Watts
RF output. My Tentec Paragon has a heatsink that's got almost as much
surface area as the whole IC706. Of course the 706 uses 'forced-air'
cooling (that itty-bitty internal fan), and the Paragon depends on
ambient airflow over its external heatsink (although on RTTY I've
been known to turn a fan onto it).

73

Paul Nix (WB5AGF)
e-mail: Paul_N_Nix@aud.alcatel.com

4761. Re: Info Wanted on Ten Tec 515

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: "Paul Christensen, N9AZ" <paulc@jax.se.continental.com>
Message-ID: <49imt0$kfb@usenet.continental.com>
Source record: 209705

I presently own an Argonaut 515 and wouldn't give it up for anything. It is truly Ten-Tec's gem in the Argonaut series. I was fortunate enough to have found one new-in-the-box with all the options about a year ago.

In comparing it with other QRP rigs, its greatest asset is in its preselector circuit. I don't believe there is another QRP rig with it. Its only drawback is its size. By today's small QRP standard, it is too large to accompany you in a backpack, but it's certainly portable enough and quite light. The current draw in receive is on par with the Index Labs QRP Plus and therefore can be run a long, long time with a gell-cell power source.

Finding an Argonaut 515 is very difficult and when you do, be prepared to pay between $350 and $550 for one depending on its condition. Like all Ten-Tec radios, its QSK is flawless.

Ten-Tec made a matching model 405 50-watt amplifier for the Argonaut line. They too are scarce, but I have seen them on the used market for around $150 or so.

-Paul, N9AZ

4762. Re: rechargable alkalines- comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: bpeters@aardvark.org
Message-ID: <1897070399.5704407@aardvark.org>
Source record: 209706

> There is a technical paper out on the "Renewal" brand rechargable
> Alkaline batteries you can get by calling 800-237-7000. They are
> supposed to be about like other alkalines the first time around, and
> then steadily lose capacity.

I called the number above, and they gave me a different number for
"technical service": 800-362-7422.

K7TL
Sent via The Aardvark Burrow FC BBS -- 716-383-1387
** 4 lines -- 1 GB -- Rochester, NY USA**

4763. FT-990 CAT info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-29 00:00:00 UTC
From: nomer@southwind.net
Message-ID: <6UUvwEqQFERN083yn@southwind.net>
Source record: 209707

I'm thinking about buying a Yaesu FT-990DC. I want to control it with a computer. Can anyone tell me where I can find documentation on what commands are available to control the rig, and also what parameters you can monitor with the computer (i.e., frequency, S-meter readings, operating mode, etc.)? I need detailed information. Is it, as I hope, in the manual(s) that come with the rig? Or do you have to purchase additional manuals from Yaesu to find this information? Is there anywhere on the WWW that this info is available? Thanks very much...

Steve
<nomer@southwind.net>
--

4764. Wanted: Kenwood MC-50 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: rsorge@phoenix.net
Message-ID: <49l8ie$a3@gryphon.phoenix.net>
Source record: 209655

I have a Kenwood ts-530s that I would like to locate a Kenwood MC-50 Desk Microphone for. Does anyone have one for sale?
73 de Robert - KC5FMZ

4765. Pro-2035

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: Danny Browning <dannyb@usit.net>
Message-ID: <49lbl1$54p@news.usit.net>
Source record: 209656

****For sale****

Radio Shack Pro-2035

1000 channel scanner. Mint condition. Box,Manual and antenna (telescopic)
$275 (firm)

Or possible trade on a Handheld scanner with cell coverage. Must be in
perfect condition!

dannyb@usit.net
KD4LYP

4766. Re: FT-51R 15 kHz mod completed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jdv@iglou2.iglou.com
Message-ID: <DIvKuG.KAo@iglou.com>
Source record: 209657

rkmorrow@aol.com (RKMorrow) writes:

>I've received several e-mail messages asking about how to test a FT-51R
>for the 15 kHz step problem. Set the VHF step size to 15 kHz and key in
>146.52 MHz from the front panel. Next, step down one with the top knob.
>If the display now reads 146.505 MHz you're OK; if it reads 146.50 MHz you
>need the mod.

>-Bob WB6GTM
What are the ramifications of having this mod performed?
Loss of programing/undocumented features perhaps? Couldn't you
set the step size to 5 khz and get around this problem? I
just finished programing mine the way I want it and I don't look
forward to doing it again for a while. :-)
What did you have to do to get Yaesu to perform the mod?

Thanks.
John KF4ERV

--
****
* Defenselessness is a crime which generates it's own punishment. *
* The four boxes of Freedom: Soap, Ballot, Jury, and Ammo. *
****

4767. Standard C508 Series Portables

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: ukclapr@ukpmr.cs.philips.nl
Message-ID: <49keef$pfe@phcoms4.seri.philips.nl>
Source record: 209658

The C508 (family?) is an extremely small 2m/70cm, 250mW TX, dual band portable with wide band RX including 800-1000MHz. It runs on two AA cells. It is an absolute beauty and really does fit a shirt pocket. Does anyone know if there are plans to retail this in the UK and, if so, at what price?

73s Roger, G3XBM

4768. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: brian@nothing.ucsd.edu
Message-ID: <49l8ng$14g@news2.ucsd.edu>
Source record: 209659
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Author: Brad Templeton
ClariNet Communications Corp.
Wed, 28 Sep 1994 07:08:33 GMT

Subject: Emily Postnews explains how to spam the net
Newsgroups: alt.current-events.net-abuse,news.admin.policy

Q: Emily, how can I put out my billboard on the information superhighway?

A: The best way to do it is to perform a spam. It's called that because everybody loves it as much as the customer in the Monty Python "Spam" sketch loves his spam.

The best way to do this is to find some naive programmer and ask it to write a script that posts your message to every newsgroup. You'll start by getting as big a list of newsgroups as you can find. The members of USENET, hoping to see your ad, have prepared these lists just for you. It doesn't really matter what your product is. If people on the net might use it, they'll be happy to read about it in every group.

Now create a message promoting yourself. Be bold, be daring, and be sure to provide info on how to contact you in ways that people on the net can't shut off. (More on that later.)

Because the reaction is going to be so overwhelming, be sure to take the following steps:

a) Unlist your phone number. The networking public is going to want to contact you so much to talk about your product or service that they'll even try to call you at home. If they get your home phone or address, they'll be sure to share it with all the other people seeking to send you their admiration, and your fame may prove too much. You want business, of course, but do you want to take orders all night?

b) Get an account with some other internet account providers. For reasons not quite certain, your provider probably has a clause in their contract with you saying not to do this. Even if they don't, they will probably delete your account a few hours after you announce your product, so be sure to get other accounts under assumed names so you can follow what's going on. This is the reason that expecting E-mail replies to your ad won't work.

c) Be sure you've led a clean life. You and your product are going to become as famous as Gary Hart and O.J. Simpson! But, as you know, such fame has its downsides, as your eager fans research every tawdry episode from your past history. So be sure there are no skeletons in

your closet. (Unless your product is skeletons!) Of course, since you're no net-communist, you probably have had a clean life.

d) Due to the Brady Bill, you may want to file your firearms acquisition permit a few days in advance of your ad. Soon you're going to be rich, and you'll need to protect that wealth.

e) Load plenty of fax paper in your fax machine. Hire extra staff to load the rolls. There may be orders in all the faxes you will get.

f) Resign any memberships you may have in any professional associations you may have joined relating to your business that might have something as pesky as a code of ethics. Why put them through the trouble of handling all the calls from your adoring fans, looking for somebody to talk with about you.

Ok, now you're ready. Unleash the posting program. Have it send your message once to every group. There are thousands. Now picture in your mind the prospective customer. She starts her day, perhaps, reading a group about her hobby. And right there is your ad! The title is curious so she reads it. Your name is now inserted into her mind -- you've got mindshare. It's true your product didn't have anything to do with her hobby, but the net is there to find customers for you, not for people to share their thoughts.

Then she goes to her next group, perhaps about her brand of computer. There's your ad again! You've sneaked into the great demographics of the high-tech world. As she goes on, she sees your ad again and again. Imagine her joy as she sees your now familiar headline everywhere she goes. "Wow, they must be really big and important," she'll think. "They're as famous as IBM." Soon that joy will be so much that she'll be ready to buy, buy, buy.

Now comes the bad news. USENET is unreliable, and postings don't always work. So, for unknown reasons, a few hours after you make your postings they will all have disappeared. Normally you would just post them again, but by this time your internet mail access will have been deleted, as I said above, so you'll have to just sit back and bask in the adulation and orders. There is a theory that some people, who don't like your ad, will have a smarter program than your posting program root around the net and stamp it out, but I hardly think it's likely anybody would do that.

There will be some people annoyed, it's true. But the net has at least 10 million people on it, and you'll probably only *really* annoy perhaps 3 to 4 million of them -- a minority!

Others who have tried this have reported not only that a mere minority show displeasure, but that vast numbers of people take the time to send back inquiries and orders just so you can have more to read. Unfortunately, they rarely actually pay. Some theorize that those in the vocal minority who don't like you are sending in pretend positive responses, to waste your time. Who would bother to do that? Perhaps just 1% out of the 3 to 4 million annoyed people, at most. That shouldn't bother you too much.

A similar percentage may try to phone you, or fax you, or send bricks postage due, or subscribe you to magazines. Ignore them. They're just 40,000 or so of the lunatic fringe, communist element you find on the net. They're just upset because you're making money and they're not. In fact, suckers that they are, they actually ended up paying to transmit your ad everywhere. Learn to ignore them. (That's not advice, it's just something you'll have to do.)

Now at this point you probably have to stop answering your phone, but keep those faxes coming in, and of course get ready for the mail. If you ever do get to see some of the E-mail you got sent -- wow, what a flood!

When it settles a bit, threaten to sue anybody who didn't like you. That should put some fear of God into them. They should have known better than to build a system so open. Sure, they built the network as a cooperative effort, but if they didn't want your ads, why didn't they put in protections against them or enact laws to stop them? What you did was probably legal, so what's their complaint? They're like people who leave their keys in their cars and whine when they get stolen. Really, like they didn't deserve it. They just don't see the wonderful new purpose to which their network can be put, to help small, exciting firms like yours get famous. That's the American dream, after all, and you're living it, or will, when the time comes to come back out of your bunker and reconnect your phones.

-Emily Postnews

[Ok, so this is more satire than pure sarcasm, the way my original Emily Postnews was. Sue me. (*)]

[(*) Above remark not addressed to Canter and Siegel.]
- --
Brad Templeton, publisher, ClariNet Communications Corp. | www.clarinet.com
The net's #1 Electronic newspaper (circulation 70,000) | info@clarinet.com

4769. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: MVBC06A@prodigy.com
Message-ID: <49lfr5$295o@usenetp1.news.prodigy.com>
Source record: 209660

d010730c@dcfreenet.seflin.lib.fl.us (Marcial E Lopez) wrote:
>
>COULDN'T HAVE SAID BETTER MY SELF.
>
>Keep all the responses here so we all share the answers. That's what is

>all about.
>
>Marcial Lopez
>mlopez@ix.netcom.com
>
>Jim Weir (rst-engr@oro.net) wrote:
>: Bill Kirkner <Billk@postoffice.ptd.net> wrote:
>: >Please reply via e-mail ..
>
>: [snip in consideration of bandwidth]
>
>: C'mon fellers. Consider what you are doing when you ask for a reply
>: by email.
>
>: 1. You are preventing the rest of us who have an interest in this
>: thread from seeing the whole answer -- this strikes me as being
>: somewhat selfish.
>
>: 2. You are admitting that you don't lurk this group very often and
>: want a personal answer so that you don't have to take up your
valuable
>: time reading the newsgroup to pick up your answer.
>
>: If the question is by newsgroup, the return post should be by
>: newsgroup.
>
was this info about the radioshack radio? i'd be interested in anyones
thoughts about the radios they have. i was hoping that would be a
reasonable radio to start out with. as far as cost, as i'm not able to
latch onto one of the better ones out there.
thanks for any replies
ernie

4770. RSGB report on icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Nov30132714@rinhp750.gmr.com>
Source record: 209661

I found a url for icom UK where they have a product review done by
the staff of the RSGB. Find it at:
htp://world.worldserver.pipex.com/nc/icom/icom706r.htm

(I have a hard time believing how badly I covet one of those.)

--
Val Breault vbreault@gmr.com \ /| ars N8OEF
GM R&D Center - instrumentation dept. \ / | pres GM ARC
My opinions are not necessarily those \ /__| HF mobile on
of GM R&D or of the GM Corporation. \/ |___ 14.200 +/-

4771. Re: FT-51R 15 kHz mod completed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <49lbh9$1j9@newsbf02.news.aol.com>
Source record: 209662

Bob:
Do they charge you something for the mod or is it covered under warranty?

Tnx,
Mike KS4DA

4772. Re: Kenwood TM-241 Aircraft Recive

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jimbo@sr.hp.com
Message-ID: <49iumb$7sk@canyon.sr.hp.com>
Source record: 209663

Robert Bickel (rbickel@ccnet.com) wrote:
: I've got a Kenwood TM-241 and it exhibits very low sensitvity on the AM aircraft band.
: I'm told that some are better than others and wonder if anyone knows of a fix. I checked
: the mods listings at BARC and found nothing on the rig. Any comments are appreciated.

I just purchased a TM-241A and haven't heard anything on the aircraft band
yet. I was just wondering how it knows to use AM for the 118-136 freq and
FM for the 144-148 freqs. I don't see any info in the users manual on this.

Thanks,

Jim WN6D

4773. Mem backup batt for Ranger RCI-2950 rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jenglish@sparc1.castles.com
Message-ID: <49jstg$1sd@miwok.nbn.com>
Source record: 209664

Hello all;
Does anyone know what is the type/batt number for the memmory backup
battery for the Ranger RCI-2950 10m rig?

73 de John KC6VLG
jenglish@sparc1.castles.com

4774. Re: Comments on JPS ANC-4

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: gatkins@gatkins.seanet.com
Message-ID: <gatkins.44.30BD43B3@gatkins.seanet.com>
Source record: 209665

In article <49hsrh$d08@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:

>It would have to add some low level noise, since the noise from the sense
>antenna and the outside antenna are not the same.

>Remember how it works, it requires identical noise sources to canel. If
>the imnternal antenna picks up noise the external antenna does not, or if
>the different noises have different phase variances between the two
>antennas, the noise will not cancel and can actually add.

>If you want to overcome this problem, you nead a clear area for a
>direction receiving array!

>The pre-amp may not be as bad as it seems, this is probably the most
>difficult application in the world for a pre-amp!

Good points, Tom. The residual noise is probably unavoidable since neither the receiving antenna nor the noise antenna will EVER "see" the *exact* same RFI.

Personally, I'm very partial to passive solutions which cannot introduce intermod or noise, such as the noise-reducing horizontal loop antenna featured in the Sept. QST. I built mine for the middle of 90 meters (3300 kHz) and it is dynamite on powerline and TV oscillator noise on that band. It also works well on 60 meters, where I also DX. The antenna can knock a S-8 or S-9 noise level back to S-1 or 2.

73, Guy

4775. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: Gareth Crispell <stranger@ccsnet.com>
Message-ID: <49jbff$mre@alterdial.UU.NET>
Source record: 209666
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

In case anyone remembers, Spam was also an exceptionally foul human food.
I'm not sure if it is still available.

--

..as for the mysteries of the
Universe...they knew them not...

And in the time of their visitation they shall shine, and run
to and fro like sparks among the stubble.

gareth e-mail stranger@ccsnet.com

4776. Drake TR7 info wanted:

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: herb@alpha1.csd.uwm.edu
Message-ID: <49jau1$4pt@uwm.edu>
Source record: 209667

I would like any info available on the Drake TR-7. (i.e. freq range,
size, features, etc...)

T.I.A,

Nate, KB9LSX

4777. Re: Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817803401.17400@pinetree.microserve.com>
Source record: 209668

rst-engr@oro.net (Jim Weir) wrote:

>I wonder, when the laws of this country allow me to import a radio
>complete except for the knobs, install the knobs, and mark "Made in USA".
>And yes, I know this for a fact because I researched it when I was
>considering having some of my company's equipment partially assembled
>in Mexico.

This brings up a point I've wondered about for some time. Why do some products say "Assembled in ..." and others say "Made in ..."? Is there a legal distinction? Did you run across this in your research?

73,

Jack WB3U

4778. FS: Yaesu 2100B

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: David <74650.716@CompuServe.COM>
Message-ID: <49leec$qt2$1@mhafm.production.compuserve.com>
Source record: 209669
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Yaesu 2100B 600 watt linear. This rig has a dark gray refinished case, not the puke green that it came with. I fits in with almost any station because of the pleasing color. The 572B's are almost new (less than 10 hours), and are NEC's not the cheep Chinese that seem to find there way into For Sale Amps. It has the 10-12 meter mod so it puts out near full power there. It is in perfect working and cosmetic order. Double packed, insured, shipped to you door COD. $500.00

David, 74650.716@compuserve.com or 303-415-5167

--
zelmo

4779. Re: Wanted-23cms gear.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <817765907snz@microvst.demon.co.uk>
Source record: 209670

In article <817762308snz@boltons.demon.co.uk>
Al@boltons.demon.co.uk "Al Bolton" writes:

> I am looking for 23cms gear-either an FM handheld or, better still, a
> transverter with (preferably) an IF of 144MHz. These seem to be just about
> unobtainable in the UK so I would definitely consider obtaining gear from the
> US-post paid of course! I am aware that there is a fine transverter available
> from DownEast as a kit but being lazy I would rather buy one! I must point out
> that I am a cheapskate, so the cheaper the better........

Try calling Piper Communications in Abingdon, 01235-834328. Dave Ahrem was
UK rep for both SSB and EME equipment, but I last spoke with him about one
year ago. First class but not very cheap.

> If you have anything you wish to sell matching the above descriptions then
> Email me at: al@boltons.demon.co.uk

cc: via email.

73.
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4780. MOTOTROLA PROGRAMING SOFTWARE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: bishop226@aol.com
Message-ID: <49lvri$a6o@newsbf02.news.aol.com>
Source record: 209671

CAN ANYONE PLEASE TELL ME WHO TO CONTACT ABOUT GETTING

PROGRAMING SOFTWARE FOR MOT SABERS ??

PLEASE E-MAIL BISHOP226@AOL.COM

4781. Re: rechargable alkalines- comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: raiar@inlink.com
Message-ID: <49l7be$j2t@news1.inlink.com>
Source record: 209672

>>How do the new "millenium" rechargable alkalines compare with
>>nicads in terms of power output and life?

The first point I will make is how bad nicads are in the first place, so bad that they cannot be trusted for emergency use, hence, most of the equipment I serviced designed for emergency use had all the nicads replaced with nickel-metal-hydride batteries. Unfortunately, these are a little bit to expensive for the Amateur Hobbyist.

We use Ray-O-Vac Renewal batteries in almost everything else we operate!

The downside to the rechargeable alkalines is that they do not produce the current that nicads do, but it is higher than regular alkalines throughout it's cycle.

Another downside is that you cannot allow them to run below 1 volt per cell or they take several cycles to regain a full charge, shortening their life.

The upside is they do not pick up a memory block or grow whiskers that cause internal resistance draining.

On the upside, they are very inexpensive. If charged before they are drained very far, you can easily expect over 50 charges on each cell.

More on the upside, once charged, you can plop them on a shelf for extended periods of time and they will be ready to go when you need them.

If you don't mind a little extra weight on your belt, you can make a series parallel powerpack that will weigh just a little more than an equivalent nicad pack and have 1/3 more punch for the same voltage.

Gary - KG0ZP

4782. Re: Kenwood vs. Yaesu factory repair time?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1995Nov30.154126.410@nad.com>
Source record: 209673

In article <Pine.PTX.3.91j.951128085828.5928A-100000@carson.u.washington.edu>, "John T. Young" <jtyoung@u.washington.edu> writes:
> To all, I would be interested in hearing about your experiences re:
> factory repair turnaround time for all the major radio companies. Please
> let me know exactly how long it took for the Kenwood, Yaesu, Ten Tec, or
> Icom repair factories to fix your radio. Who gave you the best, fastest
> service? The worst? Thanks & 73, de John, KI7JB.

Yaesu:
Well, once I screwed up and toasted a trace on my FT747's main PC board. It was back, in fine condition, in about a week. BTW although its warranty was still in effect, and this was obviously my fault, it was repaired at no charge to me. (I accidently shorted the 13.6V output with a bad keyer cable) :-(

I have had no reason to ever use Yaesu's excellent service again, but I've bought several of their rigs. And service is one of the main reasons that I have.

Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

4783. Yaesu FT-1000MP: ON4UN Product Review

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: "Paul Christensen, N9AZ" <paulc@jax.se.continental.com>
Message-ID: <49kc9u$5u0@usenet.continental.com>
Source record: 209674

Last week, I read a posting of John Devoldere's (ON4UN) findings and opinions on the Yaesu FT-1000MP. Could someone repost and/or e-mail it to me?

Thanks!

-Paul, N9AZ

4784. Re: Antenna Tuner Legal Limit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817802746.16598@pinetree.microserve.com>
Source record: 209675

James.Molinaro@Microserve.com (James Molinaro) wrote:

>What is the best commercial antenna tuner for high power?
>What is the best configuration for a tuner ,pi,t,ect.. , and where you
>would use each configuration, tube amp,transister outputs , ect..?
>Why do you use one configuration over another?

The Pi-network and T-network are both used to feed an unbalanced (coaxial) load. In either case, the tuner's role is to match the feedline impedance to 50 ohms for the transmitter. The type of transmitter is not a significant factor, because all current Amateur transmitters are designed for 50 ohms.

Comparing the two types, the Pi-network constitutes a low-pass filter. While I personally prefer this design, the need for additional filtering after the transmitter, and the ability of the tuner to actually suppress VHF harmonics, are both questionable. The T-network using the same components is essentially a high pass design and offers a greater matching range than the Pi. Both tuner types are often sold in conjunction with an output balun, in order to feed balanced feedlines, but efficiency of the balun can suffer greatly if the input impedance to the line is not reasonable.

A third type of tuner is designed to primarily feed open wire or ladder line and uses link coupling to convert from the transmitter to a balanced output. This type tuner does not use a balun, and will be reasonably efficient with any feedline impedance which it can match. There are many possible component configurations and the link may be placed at the input, the output, or somewhere in between. No one I am aware of currently manufacturers these tuners, although quite a few exist in construction articles.

The last type is one that only a few hardy experimenters seem to be using. It consists of a balanced Pi (2 series coils and 2 parallel capacitors) or balanced T-network (4 series capacitors and 1 parallel coil). In either case, the balanced network is preceded by an *input* balun, in order to supply the tuner components with a balanced source. The merits and shortcomings of this general arrangement are still being debated.

As far as the best tuner, it depends first on the type of antenna and feedline you plan to use, and second on the quality of components in the tuner. The latter will be reflected in the price, and it's probably fair to say that the more you spend, the more substantial the tuner will be.

73,

Jack WB3U

4785. Wanted: A copy of an Alinco DR-600 Operators manual! I have the radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: bobzito <bobzito@wolfenet.com>
Message-ID: <30BE85AA.3E17@wolfenet.com>
Source record: 209676

Wanted: A copy of an Alinco DR-600 Operators manual! I have the radio
but no manual. I figured out the basics, but what to know all it's
capabilities. I'll pay postage and copying fees! Do another Amateur a
favor! It will make you feel better! I would do it if I were you!
Thanks!
Bob KI7EV

--
<bobzito@wolfenet.com> (Bob Zito)

4786. Collins Deerskin dust covers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: ka9egw@aol.com
Message-ID: <49lobq$711@newsbf02.news.aol.com>
Source record: 209677

A disabled leather-worker friend of mine is willing to make deerskin, cloth-lined dust covers to fit the Collins S-Line with the winged logo tooled on the front, and other makes/models if there is sufficient interest. He will also work with any other custom leather ideas you have.

Call Steve at

Eagle Flight Leathers
1007 Bayview
Round Lake Beach, IL 60073
(708) 740-2120

Don't e-mail me; I'm just posting this for him.

4787. Re: CW Filter 250 or 500hz??? (for weak signal or EME)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: turner@bear.ics.uci.edu
Message-ID: <49krhl$93@bear.ics.uci.edu>
Source record: 209678

In <30bc8b90.4718826@nlcnews.nlc.state.ne.us> mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.) writes:

>On Tue, 28 Nov 95 18:23:22 GMT, jackl@pinetree.microserve.com (WB3U) wrote:

>> newer radios. In fact, I seem to remember some older rigs (or was it
>> homebrew designs?) that incorporated gain adjustment in filter selection.

>I believe that was the Kenwood TS-180. I worked lots of CW back then and
>remember the rig having extra gain when switching in the narrow filter. I

The current OMNI VI from Ten Tec has an internal switch to include more IF gain whenever you use the NAR switch to switch in additional CW filtering. You really need it since it is the 3rd filter in line at that point (there is a 2.4 filter in line at 9 MHz all the time, this puts my 250 Hz filter right after that at 9 MHz, and I can put in the other 500 or 250 Hz filter in the 6.3 MHz line.) Didn't know the TS 180 had that feature. It certainly is a good one.

Clark
WA3JPG

4788. Re: Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817753176.3865@pinetree.microserve.com>
Source record: 209679

barry@valonline.com (Barry Dorfman) wrote:

>Fellow HAMS,
>
>Beware of Kenwood radios "Made in China"
>I have had 2 real bad experiences with them.
>Maybe if we as a group refuse to accept this junk,
>they wont try to stick us with it.

I don't buy *anything* made in China if there is an alternative - that includes blow dryers, pocket knives, clocks, vacuum tubes, etc. A ham rig made in China is not even a consideration.

If Kenwood is now importing goods from China, I will boycott all their products, regardless of the country of origin. Can someone else verify this?

73,

Jack WB3U

4789. Heath HW-5400 & pwr supply for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: MBUCC@pop01.us.ny.IBM.NET
Message-ID: <49kq7d$28d8@news-s01.ny.us.ibm.net>
Source record: 209680

I have an HW-5400 tranciever and matching power supply for sale.
Excellent condition and all manuals available. One owner (me) and it
works to specification.

If interested call 716 689-6465 in Buffalo NY or E-mail at mbucc@ibm.com

n9elc, Mark

4790. Wanted: 2m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jdear@mail.bayou.com
Message-ID: <49kc2f$gc3@news.dx.net>
Source record: 209681

Looking for a Microwave Modules or Downeast Microwave 2m Transverter.
Must be in working condition. Respond here or email below.

Jim Dear, KG5VE
jdear@mail.bayou.com

4791. Re: Last TenTec Without PLL ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: Jeffrey_Saunders@Brown.edu
Message-ID: <Jeffrey_Saunders-3011950943390001@uhuru.cog.brown.edu>
Source record: 209682

In article <49hplj$eprt@rs2.ccd.harris.com>, dsnowden@ccd.harris.com (Doug Snowden) wrote:

> What was the last (most modern) TenTec transceiver that did *not*
> use a PLL system? I am thinking of scouting around for one, and
> want to buy a radio I have a chance of repairing myself. The PLL
> area tends to be propreitary and difficult to troubleshoot.
>
> Doug, N4IJ dsnowden@ccd.harris.com
>
> --
> Doug Snowden
> dsnowden@ccd.harris.com
>

Wasn't that the Corsair II? I know it uses a PTO.

73,

Bruce Kay, N1LLT
Lucky Little Turtle

--
Jeff Saunders
Dept. of Cognitive and Linguistic Sciences
Brown University, Box 1978
Providence, RI 02912
863-7486

email: Jeffrey_Saunders@Brown.edu

4792. Re: Last TenTec Without PLL ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: Bruce_Kay@Brown.edu
Message-ID: <Bruce_Kay-3011950955320001@uhuru.cog.brown.edu>
Source record: 209683

Jeeesh, sorry again. I forgot about the signature.

I know, I know, I'm a net-compoop. I admit it.

BK

4793. UHF GE Mastr Exec Conversion Info Sought...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: carndt@netcom.com
Message-ID: <carndtDIvqqw.GL4@netcom.com>
Source record: 209684

I have just received a pair of UHF Mastr Exec IIs. I have manuals coming for them, but I am looking for pointers to info (or direct info) on converting these to amateur use.

Thanks,

Chris KD6DSI

carndt@slonet.org

4794. Re: Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <49lard$5h7@crow.cybercomm.net>
Source record: 209685

Jack Wrote:
>
>If Kenwood is now importing goods from China, I will boycott all their
>products, regardless of the country of origin. Can someone else verify
>this?
>
>73,
>
>Jack WB3U

Yes Absolutely...I know for a fact that the TM-241a is now being made
in China..

Steve, wa2nhz

4795. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <49ktaq$ge9@mksrv1.dseg.ti.com>
Source record: 209686

I have an Astron RS-35M that I bought new in 1983. It has given me excellent service. The only thing that has needed repair was the on/off rocker switch, which went bad and would not turn off. I replaced it with a newer computer-grade switch and there have been no more problems. Astron quit using the old style switch many years ago, so this would no longer be a problem at all. The regulation is excellent from no load to full load. I have made one modification: I added a pair of 5-way binding posts to the front panel to supplement the 1/4-20 bolts on the back panel for power output. This enables me to plug in low-current equipment and test leads. Other than that, I have no plans to change it.

I have never heard anyone complain about an Astron...

73 de KC5NG

4796. PROGRAMING SOFTWARE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: bishop226@aol.com
Message-ID: <49m0cl$add@newsbf02.news.aol.com>
Source record: 209687

I NEED PROGRAMING SOFTWARE FOR MOTOROLA SABERS PLEASE

E-MAIL ME ON WHO I CAN CONTACT ON HOW TO GET IT THANKS

BISHOP226@AOL.COM

4797. HELP, Tech info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: erwin.cremers@ingram.nl
Message-ID: <DIunIF.8nL@inter.NL.net>
Source record: 209688

Hello,

I need information on a Tristar 797 all mode 11 Mtr. Transceiver.

The PCB number is PCMA0015 there is a big chance that this PCB is also used in many other transceivers.

- What do i need,

MODS, Users manual, schematics, or if you know where i can try to get this info please tell me.

- Why do i need this info,

I'm working on a Transverter from 28 Mhz to 50 Mhz and i want to use this transceiver.

Thanks for your reply,

Erwin Cremers

4798. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817804498.17400@pinetree.microserve.com>
Source record: 209689

Despite the fact that some transceivers are approaching the 10K mark, Amateur Radio is one of the least expensive hobbies I know. $1,000 buys much more than it did thrity years ago, and the used market is glutted with reliable and inexpensive equipment. This is also one of the few hobbies I've ever been involved with where the participants could manufacture their own equipment and not be "shut out".

Can you imnagine casting an engine block for a weekend race car, or laminating your own fiberglass for skis, or fabricating a 35mm homebrew camera? If the stuff worked at all, you'd be lucky.

My first ham station (1966) cost about $140.00. Today, I could duplicate it for even less. Of all the things that may be legitimately wrong with this hobby, cost just isn't one of them.

73,

Jack WB3U

4799. Question about proper operating voltage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: hillgen@remus.rutgers.edu
Message-ID: <49l7td$eh2@remus.rutgers.edu>
Source record: 209690

I recently picked up a very hefty power supply with the intent of using it
to power my amateur gear. It's a Trygon Electronics PS1. The meters go to
10 volts and 100 amps. If it put out even a fraction of that current, I would
be pleased. The problem is that I have only gotten it to produce 11 volts. I
believe that my equipment (a mix of solid state and tube) will operate
effictively from this power source, but I need some opinions before I try it.
Also, if anyone oth there has any experience with a supply of this type,
any information about getting it up neat 13.8V would be GREATLY appreciated!
Thanks,
jay
N2OTK

4800. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: d010730c@dcfreenet.seflin.lib.fl.us
Message-ID: <49j2j8$8ps@bcfreenet.seflin.lib.fl.us>
Source record: 209708
Cross-posted to: rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment

COULDN'T HAVE SAID BETTER MY SELF.

Keep all the responses here so we all share the answers. That's what is
all about.

Marcial Lopez
mlopez@ix.netcom.com

Jim Weir (rst-engr@oro.net) wrote:
: Bill Kirkner <Billk@postoffice.ptd.net> wrote:
: >Please reply via e-mail ..

: [snip in consideration of bandwidth]

: C'mon fellers. Consider what you are doing when you ask for a reply
: by email.

: 1. You are preventing the rest of us who have an interest in this
: thread from seeing the whole answer -- this strikes me as being
: somewhat selfish.

: 2. You are admitting that you don't lurk this group very often and
: want a personal answer so that you don't have to take up your valuable
: time reading the newsgroup to pick up your answer.

: If the question is by newsgroup, the return post should be by
: newsgroup.

: Jim

: Jim Weir VP Engineering | "We seem to be standing on
: RST Engineering | the foreskin of technology."
: Grass Valley CA 95945 | (Gen Chuck Yeager)
: voice/fax 916/272-1432 |
: rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

--

Marcial E Lopez / Miami, Florida
PC Hardware/Software Specialist/CNA
d010730c@dcfreenet.seflin.lib.fl.us
mlopez@freenet.fsu.edu
mlopez@ix.netcom.com
Marcial007@aol.com

4801. Pipeline USA -- Mail Error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: pipeline-mailer@usa.pipeline.COM
Message-ID: <199511300011.TAA10386@mail1.h1.usa.pipeline.com>
Source record: 209709

```
Some messages that you have sent were damaged in
transmission and were unable to be retrieved by the addressee.

We kindly request that you re-transmit this message. Thank you for your
cooperation.

Damaged Messages
----------------
To -- Subject -- Date

radiogeorge -- Ham-Equip Digest V95 #622 -- Sun, 26 Nov 95 04:30:21 PST
radiogeorge -- Ham-Equip Digest V95 #625 -- Mon, 27 Nov 95 04:30:23 PST
```

4802. FS:Wavetek Freq

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: zact@pinn.net
Message-ID: <49j4s2$5nb@matterhorn.pinn.net>
Source record: 209710

```
For sale wavetek frequency generator model 3001-691 ranges 1 to
520 Khz asking $600.00 Each have 2 units
email zact@pinn.net
```

4803. FS:O-Scope

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: zact@pinn.net
Message-ID: <49j4ud$5nb@matterhorn.pinn.net>
Source record: 209711

I have for sale a used Tektronix 453 Oscilloscope dual trace
asking $200.00 OBO email zact@pinn.net

4804. Pipeline USA -- Mail Error

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: pipeline-mailer@usa.pipeline.COM
Message-ID: <199511300011.TAA10388@mail1.h1.usa.pipeline.com>
Source record: 209712

```
Some messages that you have sent were damaged in
transmission and were unable to be retrieved by the addressee.

We kindly request that you re-transmit this message. Thank you for your
cooperation.

Damaged Messages
----------------
To -- Subject -- Date

radiogeorge -- Ham-Equip Digest V95 #614 -- Wed, 22 Nov 95 16:46:56 PST
radiogeorge -- Ham-Equip Digest V95 #615 -- Thu, 23 Nov 95 04:30:25 PST
radiogeorge -- Ham-Equip Digest V95 #616 -- Thu, 23 Nov 95 12:53:50 PST
radiogeorge -- Ham-Equip Digest V95 #617 -- Fri, 24 Nov 95 02:28:15 PST
radiogeorge -- Ham-Equip Digest V95 #618 -- Fri, 24 Nov 95 04:30:20 PST
radiogeorge -- Ham-Equip Digest V95 #619 -- Fri, 24 Nov 95 17:11:48 PST
radiogeorge -- Ham-Equip Digest V95 #620 -- Sat, 25 Nov 95 04:30:26 PST
radiogeorge -- Ham-Equip Digest V95 #621 -- Sat, 25 Nov 95 20:33:59 PST
radiogeorge -- Ham-Equip Digest V95 #623 -- Sun, 26 Nov 95 09:54:27 PST
radiogeorge -- Ham-Equip Digest V95 #624 -- Mon, 27 Nov 95 02:58:37 PST
```

4805. Re: Which HF Vertical

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: millersg@dma.org
Message-ID: <49j43t$4ef@sally.dma.org>
Source record: 209713
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <john-2311950333320001@wd1v.mv.com>,
John Seney <john@wd1v.mv.com> wrote:
>Just saw an ad in the December '95 CQ magazine for a new vertical from
>Hy-Gain that is 10 - 40 meters, stands 29 feet tall, is self supporting,
>and requires no radials. They also make the claim of 750 watts key down
>for 30 minutes and no problems. They don't mention price but I assume it
>is competitive.

I would be leery of any vertical which the marketing says 'no radials
required'. Efficiency is lost when verticals are mounted on or slightly
above ground. A proper radial system will reduce the ground losses
allowing better radiation from the antenna. Get a Butternut and put out
radials - That's what I did.

--
Steve Miller
millersg@dmapub.dma.org
WD8IXE - Ridin' the aethereal waves

4806. my old Robotics 1200 Baud Modem--Any use?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: sutliff@crd.ge.com
Message-ID: <49kktq$4f8@rdsunx.crd.ge.com>
Source record: 209714
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

I have an old Robotics 1200 baud external modem.

Are there any uses I could put this to in conjunction with my
transceiver (IC706)??

Any published mods to uses standard PC modems with ham radios??
John Sutliff

4807. Re: Even my wife thinks hams are...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: kf2ti@aol.com
Message-ID: <49jj80$9ib@newsbf02.news.aol.com>
Source record: 209715
Cross-posted to: radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radA 8

In article <4952h8$n9e@vivanews.vivanet.com>, mulveyr@vivanet.vivanet.com
(Rich Mulvey) writes:

>Dennis A. Mason (damason) wrote:
>: Burt must be a Chicken Bander.
>
>Please, we don't appreciate fowl language here.
>
>
>---
>Rich Mulvey, aa2ys Rochester, NY
USA

GET PLUCKED!!!! ha ha ha ha i made a funny

steve i don't know where i'm going, but i'm getting there awfoul fast

ho ho ho another funny i must be a eggceptional comedian OH
NO another he he he

stop i'm killing me !!!!

4808. Re: Where is JVFAX

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: "George J. Molnar" <gmolnar@nexus.interealm.com>
Message-ID: <30BDCBE2.26F6@nexus.interealm.com>
Source record: 209716

Antonio Guerrero Esquina wrote:
>
> Hallo every body.
> I=B4m looking for the adreess where is the program Jvfax 7.1, and where is=
> the
> first site where is the TPK 1.83 for windows.
> Thanks.
> JV FAX is available at: ftp.funet.fi/pub/ham/misc

There is also a link to it on my home page (URL below).

73

--
George J. Molnar
Highlands Ranch, Colorado
Packet: KF2T@N0QCU.#NECO.CO.USA.NOAM
http://www.interealm.com/p/gmolnar/index.html

4809. Re: KENWOOD WEBSITE WHERE????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <49kq4n$7qf@news.cais.com>
Source record: 209717

Giuseppe Sorrentino <S624684@vm.uni-bocconi.it> wrote:

>I'll thank a lot to who will be able to communicate me the internet
> address of kenwood rig company(i'm sure it exists).

>tnx for 73

>DEFCON

You'll find Kenwood at: http://www.kenwood.net

Gene / KG7XD
ScanWare Associates
http://www.sincom.com/~scanware/index.html

ScanWare Associates
http://cutter.sincom.com/~scanware/index.html
email: scanware@sincom.com
BBS 360.8714228 or 360.871.4591

4810. Re: Yaesu FT-51R or Kenwood Th-79A (D) Pros & Cons?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: Mike Lubrecht <Lube@accessone.com>
Message-ID: <49kpn5$fi0@news.accessone.com>
Source record: 209718

I looked at both the Yaesu and the Kenwood recently myself, and then chose the Icom W31A. The dealer (who sold all three) as well as several friends and acquaintances gave the Icom unit the nod in terms of durability and reliability. I decided that the "on-line help" features were pretty much unneeded after the first couple weeks of operation, and the Icom has a full complement of features that might be used (code and tone squelch, etc.) It is also easy to modify for broad band receive.

For what it's worth!

Mike

4811. Re: TEN TEC SCOUT...GOTTA LOVE IT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <49ku41$ge9@mksrv1.dseg.ti.com>
Source record: 209719

I had a used Scout for about a year (sold it recently to buy a new Alinco DX-70T for the mobile). The Scout performs very well, is simple to operate, and always got good reports on SSB and CW.

Some things the Scout did NOT have that would have been nice:
-- LCD instead of LEDs (lower power consumption)
-- RF gain control (some of us still use this feature!)
-- CW output power adjustable from front or rear panel, instead of having to fish a tweaker through a hole in the cabinet
-- sidetone volume that tracks the receiver volume (if you set it loud enough to be useful when operating with a speaker, you get your ears blasted when you switch to headphones; I built an adaptor cable with a 100 Ohm resistor in series to combat this problem)

All in all, the Scout is a good solid rig. I think it may be a bit overpriced, but it's selling like mad, so perhaps it's just me. By the time you buy the rig, all the band modules, a hand mic, mobile mount, and the noise blanker, you've spent over $800. For under $200 more, you can buy the Kenwood TS-50S or the Alinco DX-70T, which do a lot more than the Scout and have far better receivers. If you don't need all the bands, however, you can buy only what you need. A garden-variety electret hand mic works ok (don't have to buy the $49 Ten-Tec mic), and you can make your own mount. The NB works well, and is a must for mobiling. The Scout, as you can see, has its pluses and minuses.

Hope this helps.
73 de KC5NG

4812. "DBM" WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: zegarac@olimp.irb.hr
Message-ID: <1995Nov30.104741@olimp>
Source record: 209720

Hi
I am wondering if someone knows where could i find a "DBM",
double balanced mixer, at least 1 GHz, and how mutch i have to
pay for one.
Thanks
ZEGA

4813. Kenwood TL922A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: mai@iquest.net
Message-ID: <DIv8pu.5xx@iquest.net>
Source record: 209721

As new, very low hours with original boxes, manuals, etc. Would arrange shipping, but rather you see it and carry home!
This unit is a 9.9 on a scale of '10'. Factory original! Great amp, just that I've too many to use them all! Asking $1,175.
Unit is located in Indianapolis, IN area. Email or telephone at (317)257-6811 - days.
WB9IQI

4814. Re: KENWOOD WEBSITE WHERE????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: Bob Fritz <bfritz@sd.inri.com>
Message-ID: <49kicq$eav@gozer.inri.com>
Source record: 209722

WWW.KENWOOD.NET

4815. Help with a project

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: axn110@psu.edu
Message-ID: <49jcoo$ma1@hearst.cac.psu.edu>
Source record: 209723

Hi, I need help with a project, if you have any engineering expertise,
or any experience making homebrew equipment I would appreciate it if
you would check out my page.

http://cac.psu.edu/~ktl103/transmitter/schematics.html

I am almost done with the project and basically just need a small
amount of guidance as to the proper modifications that need to be made.
But you'll learn more when you look at the page won't you...

Adam, KA1VZN

4816. Alinco DJ180 TX Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jls <jls@sierra.net>
Message-ID: <49jacb$ak4@jobes.sierra.net>
Source record: 209724

Is there a tx mod for the Alinco DJ180? Any help is much appreciated, thanks.

--
Cya l8er... -=lArRy=-

4817. TH77 and Baypac

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jari.hynninen@lmf.ericsson.se
Message-ID: <49k3mt$5if@lmfpub.lmf.ericsson.se>
Source record: 209725

Hi !

Has anybody experience on connecting Baypac Baycom Packet Radio modem to
handheld radio KENWOOD TH77 ?

In my case the equipment is receiving ok but it does not send.
The modem is keying the PTT and the carrier transmitted but the
modem can't maybe not modulate.

Is it question about too low level in the input from the modem Or what ?

de OH2KTO

4818. FS:Kenwood/Icom/Heathkit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: Bootlegger@msn.com
Message-ID: <00001fed+00001fe0@msn.com>
Source record: 209726

For Sale:

Kenwood TS-690S HF/6 Meter rig. $1200.00 (with VS-2 voice option)
MARS/CAP modified Purchased new July '95

Icom IC-2700H 2Meter/70cm mobile $575.00 (never mobile)
MARS/CAP Modified Purchased new October '95

Heathkit SB-1000 HF Amp single Eimac 3-500Z tube $650.00
(Local Pickup only on the HF amp.....Metro St. Louis)

Call Bob N9MSS (618)939-7581 or Bootlegger@msn.com

4819. AEA Home Page (New)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: mvangel@mvangel.com
Message-ID: <49j8jr$uit@caesar.ultra.net>
Source record: 209727

http://204.87.235.3/aea

4820. Re: IC 706 D59

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: "Gary P. Fiber" <gfiber@halcyon.com>
Message-ID: <49kbqr$na2@news.halcyon.com>
Source record: 209728

The information came from ICOM

gary

4821. FM microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: smork@primenet.com
Message-ID: <49khjs$rm1@nnrp2.news.primenet.com>
Source record: 209729

If I am posting to the wrong group let me apologize in advance. Please direct me to a more appropriate location. THANKS

I am interested in locating a small lapel microphone to wear that transmits thru an FM frequency on my radio. I own an RV and when my wife & I travel we must speak very loud to have a "normal" conversation. In adition, when backing into a trailer location it is helpful to have more than hand signal assistance from the rear.

I have tried Best Buy and local discount stores. No luck.

/--\
| Steven M. Mork <smork@primenet.com> |
| Director Information Systems <CompuServe 72074,2701 |
| SIERRA VISTA COMMUNITY HOSPITAL |
| 300 El Camino Real voice (520) 458-2300 x5271|
| Sierra Vista, AZ 85635 fax (520) 458-2268 |
\--/

4822. Re: Radio Mods for Most all Gear

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: barsta1@epo.gov.on.ca
Message-ID: <49j4t7$bqa@govonca3.gov.on.ca>
Source record: 209730

In article <01HY7X77G9UO8WWWNN@SUNBELT.NET>,
braymer@sunbelt.NET (Bobby Raymer) wrote:

I also have mods for the bearcat and radio shack scanners.

Thanks for the offer Bobby!

I have a Bearcat 890XL scanner which I received the 800MHz mod from a BBS, but it was rather confusing as witch resistor(s) to remove. Maybe your mod is different and better.

Thanks in advance.
VA3ARE - Are Barstad

4823. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: ka9egw@aol.com
Message-ID: <49jo1e$brq@newsbf02.news.aol.com>
Source record: 209731

hmmm...back in 1962, the top of the line Collins twins were about $1300 the pair...at a time when minimum wage was under a buck, $2000 would buy an average middle-of-the-line chevy, $75 a month rented a nice place to live in a good neighborhood...
today, a $1300 transceiver has more features than those Collins twins ever dreamed of as far as bells and whistles, per capita income is up fivefold, that chevy is $20,000, and that house is now a grand a month or more.

SOME THINGS HAVEN'T CHANGED. YOU CAN STILL BUILD YOUR OWN CHEAPLY IF YOU'RE WILLING TO TAKE THE TIME TO LEARN, SOME PEOPLE WOULD STILL RATHER WHINE THAN WORK, AND THOSE COLLINS TWINS IN MINT CONDITION ARE STILL AROUND $1300 IF YOU SHOP AROUND...

NYUK NYUK NYUK

4824. FS: MOTOROLA MOSTAR 800MH RADIOS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: dandy@xnet.com
Message-ID: <49khrp$g6b@flood.xnet.com>
Source record: 209732

I have 10 Motorola 800Mh Mostar radios for sale. Model # is : #D35TLAG00DK. These are mobile
trunked radios. All have mike's. I also have 2 110v -12v Motorola transformers for the two base units,
as well as base mikes. All but one or two of the radios are currently working. Others need unknown
minor repairs.

MAKE AN OFFER!!

4825. HT speaker/mic connector

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: killian@aztec.asu.edu
Message-ID: <49kio0$g8t@news.asu.edu>
Source record: 209733

I am looking for a source of the connector/cable used on a
Yaesu HT for the speaker/mic, the molded plastic connector with
a mini and a submini phono plug. I did call Yaesu, but they
wanted apx. $20. I think that is a little outrageous!

Anyone know where I can get one for a reasonable price?
BTW, I will settle for just the connector if it is available.

Thanks
Mike

4826. Micor Repeater

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: cn1135@abaco.coastalnet.com
Message-ID: <49kgtq$qda@treasure.coastalnet.com>
Source record: 209734

I have seen several mods for converting a single micor vhf for repeater use. Has anyone used two units for repeater use? The radios are fairly inexpensive, so I bought two with the idea of saving some hassle. Are there any suggestions while I wait for the manual to arrive? Also, I will attempt to retune the radios to the amateur band, they are currently on the upper split. Any suggestions, hints, etc will greatly be appreciated. Thank you so much,

Mark Prescott

KE4LWP
cn1135@abaco.coastalnet.com

4827. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: ko4ta@mindspring.com
Message-ID: <49lavg$9jm@stealth.mindspring.com>
Source record: 209735
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Santa@northpole.gov (Santa) wrote:

{billn@PEAK.ORG (Bill Nelson) wrote:

{>Santa Claus (santa@northpole.com) wrote:
{>
{>: SPAM is also idiots like JOE and his frend Brandis whoever who
post
{>: off topic messages, or people who cross post a "Call me, I'm
horny.
{>: 011-32-4443-22332. Only 10 cents a minute" to EVERY newsgroup,
{>: including binaries.
{>
{>No, off topic posts are NOT spamming. You should learn the meaning
of a
{>term before trying to define it.
{>
{>Note the trimmed newsgroups. Your post WAS a spam.

{No, their yelling back and forth arguing about who's cock was bigger,
{who called who, who fed ex'd what, who's son was a ham, who's
annoying
{while they type in all caps.. THAT is spamming. YOUR spamming,
telling
{someone the're spamming. Get a life..

{==========
{Evan Platt, Communications Department - IncidentNet (tm)--Emergency
Notification System
{eplatt@hooked.net / National ID: (Net/3501)
{http://www.hooked.net/users/eplatt/incidentnet.html
{Fax : 415-813-1072 / Pager: 415-907-1697 / Office: 415-856-1803
{ Standard Disclaimer
No spamming is relative. Only relatives can actually spam. Inlaws in
particular are the most intense spammers. :o)

4828. FS:MOTOROLA 800 mhzMAXAR 80 MOBILES (5)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jman1172@aol.com
Message-ID: <49l9kd$tq@newsbf02.news.aol.com>
Source record: 209736

I HAVE 5 MOTOROLA MAXAR MOBILES WITH ALL MIKES(4 MOBILE & 1 BASE)
THEY ARE ON 855/860 NOW 4 CHANNEL BUTTONS #D25T546000BK.BLACK CASE.POWER
CORDS BRACKETS $60 EACH OR $250 FOR ALL 5 PLUS
SHIPPING SAME SIZE AS A CB

4829. Re: ? Contacting Heathkit ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: rbiddle@madvax.mo.ti.com
Message-ID: <49l9pi$k1b@superb.csc.ti.com>
Source record: 209737

In article <1995Nov28.174403.61055@ucl.ac.uk>, aolney says...
>
>Heathkit's been dead for years
>

They're out of the major ham kit business but still have other types of kits (Weather Station, World's Most Accurate Clock, educational, etc.) and still have manual copies and some parts for Heathkit gear - 1-800-253-0570.

73 DE KB5WLH

4830. receive overload on ts-520s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: tomas@ra.cgd.ucar.edu
Message-ID: <49kkeh$qra@ncar.ucar.edu>
Source record: 209738

Hello all,

I have an old ts-520s and live in a neighborhood in which several other
amateurs operate. Unfortunately, the ts-520s receiver doesn't like
it when there are strong signals present on the band it is tuned to.
It gets mad and the agc kicks in with a vengeance---even if the strong
signal is several 100 kHz away.

I've tried using the attenuator button (20 db); not surprisingly, this helps
a little. I've also tried turning of the noise blanker (thanks to the reader
who provided the suggestion); not sure if this helps or not yet. The less
than acceptable solution I've found is to disable the agc when it starts
throwing a tantrum. I am in search of suggestions/answers:

1) Is this a well known problem with these old rigs?
2) Is there a mod that will/may help?
3) If my poor uncle were to leave me several hundred dollars, are there used
rigs out there that deal with strong signals better?
4) If my rich aunt were to leave me several thousand dollars, are there new
rigs out there that deal with strong signals better?

By the way, I operate cw almost exclusively (as do my neighbors) and the
rig does not have the cw filter installed.

bob
n7nd

4831. Re: FT-51R 15 kHz mod completed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: rkmorrow@aol.com
Message-ID: <49ld5m$2an@newsbf02.news.aol.com>
Source record: 209739

rkmorrow@aol.com (RKMorrow) wrote:

>I've received several e-mail messages asking about how to test a FT-51R
>for the 15 kHz step problem. Set the VHF step size to 15 kHz and key in
>146.52 MHz from the front panel. Next, step down one with the top knob.
>If the display now reads 146.505 MHz you're OK; if it reads 146.50 MHz
you
>need the mod.

>-Bob WB6GTM

:Bob, if you have the problem, how do you get it fixed?

:barry@valonline.com

Send the body of the radio and a copy of your receipt to

Yaesu USA
17210 Edwards Rd
Cerritos CA 90701

Request that they do the "15 kHz Update" and they will replace the CPU and send the radio back to you at no charge. Turnaround time on mine was 5 days at the shop.

-Bob

4832. Yaesu FT-101E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: cbq@glenqcy.glenayre.com
Message-ID: <cbq.58.000FCF64@glenqcy.glenayre.com>
Source record: 209740

I picked up one of these transceivers (I think it is an E model). It didn't come with a manual or a power cord. It seems like it should come with a connector with about 16 or so connections. If anyone has this connector, I would like to get an idea of the drawing for it so that I can reproduce the cable. I would also like to get a copy of the manual. If anyone can give me some help here let me know.

thanks

curtis

4833. Wanted-23cms gear.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: Al Bolton <Al@boltons.demon.co.uk>
Message-ID: <817762308snz@boltons.demon.co.uk>
Source record: 209741

Hello,

I am looking for 23cms gear-either an FM handheld or, better still, a transverter with (preferably) an IF of 144MHz. These seem to be just about unobtainable in the UK so I would definitely consider obtaining gear from the US-post paid of course! I am aware that there is a fine transverter available from DownEast as a kit but being lazy I would rather buy one! I must point out that I am a cheapskate, so the cheaper the better........

If you have anything you wish to sell matching the above descriptions then Email me at: al@boltons.demon.co.uk

Many thanks,

Al Bolton.
OK8VSQ/OM/G4VSQ.
Caversham, UK.
G-QRP 8741.

4834. Need KW TR-7950 Tx/Rx Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: frankl@powergrid.electriciti.com
Message-ID: <frankl.88.0007FA1A@powergrid.electriciti.com>
Source record: 209742

Would appreciate any help with the mod for extended tx/rx for a Kenwood TR-7950. Cannot find it on the Oakland repository.

tnx & 73,

Frank

4835. <* Still Need: UT-49 code-squelch/paging board for Icom HT *>

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: 2WSK000@gc.maricopa.edu
Message-ID: <01HY9ELZEZ14002U7D@gc.maricopa.edu>
Source record: 209743

The Icom IC-3SAT handheld, which I have recently gotten through this net, did not come with the UT-49 Touch-Tone (DTMF) code-squelch/paging board. I will need that board to help ham communications with my soon-to-be-licensed wife.

If you have a working UT-49 available, please e-mail me the details. It doesn't matter to me whether your board was purchased and never used, or used but removed and saved when the set in which it was installed was sold.

In any case, I will be looking forward to e-mail from any of you who can help.

Thank you very much.
Steve N7AJP/Phoenix 2wsk000@gc.maricopa.edu

P.S. I have for sale or trade a spare UT-51 sub-audible tone-encoder board.

4836. FS: Yaesu FT-ONE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: David <74650.716@CompuServe.COM>
Message-ID: <49lei9$qt2$2@mhafm.production.compuserve.com>
Source record: 209744
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Yaesu FT-ONE, general coverage receive and transmit, all filters
and updates/mods by factory. Includes both the service and
operations manual, MD-1 microphone. Double packed, insured,
delivered COD to your door, $850.00

David, 74650.716@compuserve.com or 303-415-5167

--
zelmo

4837. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: "Edwin J. Bailen" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.951130165632.2138A-100000@matrix.eden.com>
Source record: 209745

On 28 Nov 1995, Charles A. Sherwood wrote:

> Date: 28 NOV 1995 18:18:36 GMT
> From: Charles A. Sherwood <sherwood@oribi.cig.mot.com>
> Newgroups: rec.radio.amateur.equipment
> Subject: Re: Power supplies: Astron or Daiwa or other?
>
> In article <49ejtq$223@cloner3.netcom.com> "James A. Storm" <jastorm@ix.netcom.com>
writes:
> >I would suggest Astron. I've been using an RS-20A for over 20 years. I
> >
> > 73, WB6LWS Jim in Pacifica, CA
>
>
> I was told that someone would not honor the guarantee of their radios
> when they were used with astron power supplies. (kenwood, I think)
>
> Has anyone else hear this? It might not hurt to check before buying....
>
> chuck sherwood N9QZT
> sherwood@cig.mot.com
>
>
> --
> Chuck Sherwood
> sherwood@cig.mot.com
> 708-632-7078
>
>
When I went looking for a power supply several years ago, I was told that
Astron makes the Kenwood power supplies. When my RS-35A took a lightning
hit a few years back, I had to replace the zener diode, and the LM-723 to
get it back up. For my purposes, I prefer a linear suply controlled by a
723. They are very easy to repair, and I have had no equipment problems.

Ed Bailen -- N5KZW
My religion? Geek Orthodox!

4838. FS - KENWOOD 940S/AT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: mai@iquest.net
Message-ID: <DIv8nB.5uL@iquest.net>
Source record: 209746

Thought it was sold, but buyer couldn't get XYL's approval, so available again. TS940S/AT. Unit is a 7mil serial number,
very clean, single owner, non-smoker. Have original box, manual, etc. As previous 'buyer' didn't want the dual CW filters,
(YG455C-1 & YK88C-1) I removed them. Will sell rig with or without filters - $1,295 with/$1,150 without. (filters only for sale
after rig is gone!) Perfer buyer picks up so you're able to see and admire first, but can package.
Buyer pays UPS shipping/insurance/COD fee.
Works smooth as silk with the TL922A also listed! This is a great Christmas present to yourself!
WB9IQI - Tel Days (317)257-6811 Eves (317)325-9904 email mai@iquest.net

4839. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <49l13b$2g3@news.service.uci.edu>
Source record: 209747

In article <49bgi1$1h9@miwok.nbn.com>, Gary <design@thereporter.com> wrote:
>NICK, N3FKS is concerned about todays price of ham gear...
>>
>Nick, my first a.m. station in the '50s, a Johnson Valiant and a National
>NC303 cost over $1000 and was ham band only and a.m./c.w. only. Today, about
>the same $1000 will get you something like a TS450sat which would have
>been considered science fiction back in the 50s!
>Considering what inflation has done to food, housing, transportation, and
>just about anything else you can name, our radio hobby has blessed us
>with bargains that should be the envy of most other pursuits you can
>name. Qwitchurbitchin, and enjoy the vast bargains available out there
>for your dollar.
>
>73,Gary, KJ6Q

OTOH Gary, how much did a computer cost in those days? Or a video tape recorder? Ham gear *should* be a lot cheaper today than it was back then. And it should be cheaper still. Yes, the displays are still fairly pricey as well as the final transistors, but these companies are making some very handsome profits in this business.

Bottom line is, pricing is adjusted to what the market will bear (not just to the cost of producing an item). The Icom 706 is a good example of what can be done. That radio lists for $400 less than their 275h 2 meter all-mode!

The original post had it right. But as long as there are hams around that will pay just about any price for their new radio, the prices will stay up.

Jim Kelley
KE6JPO

4840. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: jrosenw@pgh.nauticom.net
Message-ID: <DIuurL.9A3@pgh.nauticom.net>
Source record: 209748
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Santa (Santa@northpole.gov) wrote:
: billn@PEAK.ORG (Bill Nelson) wrote:

: >Santa Claus (santa@northpole.com) wrote:
: >
: >: SPAM is also idiots like JOE and his frend Brandis whoever who post
: >: off topic messages, or people who cross post a "Call me, I'm horny.
: >: 011-32-4443-22332. Only 10 cents a minute" to EVERY newsgroup,
: >: including binaries.
: >
: >No, off topic posts are NOT spamming. You should learn the meaning of a
: >term before trying to define it.
: >
: >Note the trimmed newsgroups. Your post WAS a spam.

: No, their yelling back and forth arguing about who's cock was bigger,
: who called who, who fed ex'd what, who's son was a ham, who's annoying
: while they type in all caps.. THAT is spamming. YOUR spamming, telling
: someone the're spamming. Get a life..

: ===
: Evan Platt, Communications Department - IncidentNet (tm)--Emergency

Evan, or Santa, or whatever you want to call yourself ...

I suggest that you visit news.admin.net-abuse.announce and read
a few of the postings there. After you have done that, then you
can come back here and tell Bill that he is wrong.

There is a term that is used to describe what you are crying about,
but 'spam' is not it. In fact, it might be a good exercise to see
if you can find out what the correct term is.

John
--
John E. Rosenwald It is devastating to think that God will have
jrosenw@nauticom.net you spend eternity with people that you won't
Amateur Radio: NM3P even speak to right now.

4841. Last TenTec Without PLL? The Scout!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <49kj6t$sgi@cville-srv.wam.umd.edu>
Source record: 209749

In article <49hplj$eprt@rs2.ccd.harris.com>,
Doug Snowden <dsnowden@ccd.harris.com> wrote:
>What was the last (most modern) TenTec transceiver that did *not*
>use a PLL system? I am thinking of scouting around for one, and
>want to buy a radio I have a chance of repairing myself. The PLL
>area tends to be propreitary and difficult to troubleshoot.

We are forgetting that the TenTec Scout/Argo rigs are PTO tuned.
They, of course, use computer correction, but indeed use a PTO
for tuning.

--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...

4842. Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: barry@valonline.com
Message-ID: <49j2lh$ite@nikita.intelenet.net>
Source record: 209750

Fellow HAMS,

Beware of Kenwood radios "Made in China"
I have had 2 real bad experiences with them.
Maybe if we as a group refuse to accept this junk,
they wont try to stick us with it.

Look at it this way, if you were buying a used radio,
would you choose the one made in Japan or China?

Anyone have a problem with these Kenwoods?

barry@valonline.com

4843. Re: Yaesu FT-51R or Kenwood Th-79A (D) Pros & Cons?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: barry@valonline.com
Message-ID: <49j216$ig9@nikita.intelenet.net>
Source record: 209751

cpaulien@aol.com (CPaulien) wrote:

>I am planing to purchase a dual band HT soon and am thinking of purchasing
>a Yaesu FT51R or a
>Kenwood TH-79A (D) based on their specs and features. I was wondering if
>anyone had any
>comments pro or con about either, including any mods. Although I have
>worked the HF bands for
>a couple of years I haven't as yet purchased anything for the VHF/UHF
>bands. Any suggestions
>will be welcome.

>Chuck Paulien KG0PF

Chuck, The Yaesu 51 is a nice "little" radio, perfect for carrying
around town in a pocket or purse. I would recommend the Yaesu 530
over both of the above models thou. The 530 is a full featured radio
with a real battery pack. Check them both out.

73 Barry KB6CV

4844. Re: FT-51R 15 kHz mod completed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: barry@valonline.com
Message-ID: <49j283$ig9@nikita.intelenet.net>
Source record: 209752

rkmorrow@aol.com (RKMorrow) wrote:

>I've received several e-mail messages asking about how to test a FT-51R
>for the 15 kHz step problem. Set the VHF step size to 15 kHz and key in
>146.52 MHz from the front panel. Next, step down one with the top knob.
>If the display now reads 146.505 MHz you're OK; if it reads 146.50 MHz you
>need the mod.

>-Bob WB6GTM

Bob, if you have the problem, how do you get it fixed?

barry@valonline.com

4845. Re: Last TenTec Without PLL ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: Bruce_Kay@Brown.edu
Message-ID: <Bruce_Kay-3011950952430001@uhuru.cog.brown.edu>
Source record: 209753

Sorry, I hadn't set my personal info yet, so it said I was Jeff Saunders
with a different e-mail address. It should be
Bruce Kay
Bruce_Kay@brown.edu

Tnx and sorry for the net-boo-boo,

BK

--
Jeff Saunders
Dept. of Cognitive and Linguistic Sciences
Brown University, Box 1978
Providence, RI 02912
863-7486

email: Jeffrey_Saunders@Brown.edu

4846. Antenna Tuner Legal Limit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-11-30 00:00:00 UTC
From: James.Molinaro@Microserve.com
Message-ID: <95113071583@microserve.com>
Source record: 209754

What is the best commercial antenna tuner for high power?
What is the best configuration for a tuner ,pi,t,ect.. , and where you would
use each configuration, tube amp,transister outputs , ect..?
Why do you use one configuration over another?

Thanks in advance.

Jim

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4847. WTB:Kenwood TH-78a Handie-Talkie in good condition! I just missed one on

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: bobzito <bobzito@wolfenet.com>
Message-ID: <30BFE0F6.7A4C@wolfenet.com>
Source record: 209355

WTB:Kenwood TH-78a Handie-Talkie in good condition! I just missed one on this net with 1200ma battery pack for $200.00 plus shipping. My buddy got to it first and bought it!I figure that there must be a couple more laying around gathering dust out there! So if you want to sell one fast with no hassles for a similar price, leave me a Email message with condition, mods, accessories, battery packs and asking price. Please send all info to me at the address indicated below and 73's!

--
<bobzito@wolfenet.com> (Bob Zito)

4848. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <49lu75$c1a@cc.iu.net>
Source record: 209356

In <49i6s8$jk9@hg.oro.net>, rst-engr@oro.net (Jim Weir) writes:
>(internally EPROM controlled and changeable at the factory or locally
>by anybody with a simple EPROM programmer) and can sell it for $99,

use EEPROM so you don't have the problem of finding replacement proms.
like with the Collins HF-200 (problem: prom programmer was designed for
one type of part that went obsolete...and since newer equipment with more
"bells and whistles" was available, a hard decision was made to not modify
the programmer and provide those that needed the parts from a stock made
from a last time buy...)

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4849. Re: Question about proper operating voltage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <49om56$5ui@crash.microserve.net>
Source record: 209357

hillgen@remus.rutgers.edu (Jay Hillgen) wrote:

>I haven't come across a schematic yet, but the power transformer has
>got to take up about half of the supply's weight (approx 75-100lbs)
>so I assume it has a bit of muscle.

The weight only means it's capable of considerable power. It doesn't
mean the output voltage is sufficient for a 13.8 VDC supply.

James Garland's post has some good stuff that might help you.

73,

Jack WB3U

4850. Yaesu Telephone Numbers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: nick@dstar.iddis.com
Message-ID: <49nske$pqi@iddss1.iddis.com>
Source record: 209358

I own a Yaesu FT-470 and read some old postings that there were a number of Intermod fixes that the factory used to provide for free. Does anyone know if they would still provide this service? I would call and ask them myself, but I do not know the number of Yaesu USA. Anyone have them handy?

Thanks in Advance
- Nick
WB2EYB

4851. bp-26 or 26s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: SAM.BRADSHAW@f17.n275.z1.fidonet.org
Message-ID: <ca2_9512051733@woodybbs.com>
Source record: 209359

Hello, i'm looking for a BP-26 or BP-26S for my Kenwood TR-2600A. if anybody who has one of these for sale REAL cheap,or has a reversed one in good condition so i can put new ni-cds in it. please respond if you have one to get rid of.
73' De KB8ZZS.

--- SLMAIL v4.5a (#3419)
Origin: Ar-Net: The Gold Line BBS +Geneva Oh+ (216)466-6424 (73:4300/0)
--
|Fidonet: SAM BRADSHAW 1:275/17
|Internet: SAM.BRADSHAW@f17.n275.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

4852. Re: PROGRAMING SOFTWARE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: cleader@netcom.com
Message-ID: <cleaderDIx48q.7F9@netcom.com>
Source record: 209360

Bishop226 (bishop226@aol.com) wrote:
: I NEED PROGRAMING SOFTWARE FOR MOTOROLA SABERS PLEASE

: E-MAIL ME ON WHO I CAN CONTACT ON HOW TO GET IT THANKS

: BISHOP226@AOL.COM
Why are you shouting?

4853. Re: Need Help: Repeater Amp and Pre-amp.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <49nj62dls1@mhafc.production.compuserve.com>
Source record: 209505

Gawd, if you have to ask about this, I would suggest getting
someone else to maintain the rptr!!!

Seriously, if you rptr is hearing .25 or so on 2mtrs, DONT PUT A
PREAMP on it!!!! LEAVE THE PREAMP OFF!!!!! You will only end up
with intermod and/or desense in the rptr.....

The DUPLEXER is the LAST/FIRST thing from/to the antenna
feedline. NOTHING should go on the antenna side of the duplexers
except the ANTENNA!

Chris
WB5ITT
Ex-WR5AOK

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT PG-9-5322 FCC Commercial

4854. Re: Repeater Controller suggestions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <49njc7dls2@mhafc.production.compuserve.com>
Source record: 209506

And they have an EMail address

Linkcomm@netins.net

Chris
WB5ITT

(own TWO RLC3s and one RC850 and two Shackmaster 100s)

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT PG-9-5322 FCC Commercial

4855. Re: Standard C508 Series Portables

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: nepaleduc@aol.com
Message-ID: <49ngck$oq2@newsbf02.news.aol.com>
Source record: 209507

Thought you might like to know that I have used an American purchased C508A in the UK on 2m. It works great because it has the 1750Hz call feature. The only problem is that the 440MHz coverage cuts off above the UK band. There is a mod for extended transmit range, that I hope to do before my next trip to Scotland.

By the way, the front end is very intermod prone with an external antenna, especially on 2m. The antenna supplied seems to be so narrow in bandwidth that is effectively used to reduce intermod to acceptable levels.

Apart from that it is a great HT - the 250mW works into most repeaters for about a 40 mile radius with an external mag mount, about 20 miles with the supplied antenna. Everyone who has seen mine has gone out and bought one
.....

73,

Rob
ZL2AXQ/W6
San Francisco CA

4856. Re: Mem backup batt for Ranger RCI-2950 rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: nadzam@garlic.com
Message-ID: <49n2fa$i44_001@nadzam.garlic.com>
Source record: 209508

In article <49jstg$1sd@miwok.nbn.com>,
jenglish@sparc1.castles.com (Wang Chung) wrote:
>Hello all;
>Does anyone know what is the type/batt number for the memmory backup
>battery for the Ranger RCI-2950 10m rig?

The battery is listed as a 3 Volt 170mah Lithium, Ranger part number is EX08N41405... The best fix is to buy a small dual cell AAA holder at your local Radio Shack. Then mount this against the left, rear, chassis side.(Near the Final Amp stage) Wire these two AAA batteries in series to the old posts where the original Lithium cell was. I tend to put in a couple of duracells. This will work for years before you'll need to worry about them again.

Name: Bill.Nadzam
E-mail: "Bill Nadzam" <nadzam@garlic.com>

4857. Ham equipment does not HAVE to be so expensive...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <49nq81$f5l@mksrv1.dseg.ti.com>
Source record: 209509

Part of the problem with new hams complaining that ham gear is too expensive is their misconception that only something brand spanking new and loaded with features will allow them to make contacts with other hams. This is so far from the truth, it's insane! Sure, on today's crowded HF bands, one of the newer rigs with DSP, loads of filtering, etc, will make it easier for a contester, DXer, or anyone who experiences a lot of noise and QRN. However... the older gear, available at a fraction of the cost of newer stuff, will still work fine, especially for the casual user or the beginner. On VHF FM, working through the local repeater, an old crystal rig will work just as well as a new full-featured rig. All of the bells and whistles are neat to brag about, but do any of us really use most of them? My HT (an Alinco) has eight scanning modes! I never use any of them! 100 memories? Why? There aren't 100 repeaters to work! Many locales only have one or two! I think I'm probably "preaching to the congregation" here, so I'll step down off my soap box and politely beg your forgiveness.

But... if you ever have the opportunity to "elmer" a new ham, be sure to fill him/her in on the real-world facts about what kind of gear is out there.

73 de KC5NG

4858. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Dec1.171844.9346@ke4zv.atl.ga.us>
Source record: 209510

In article <1995Nov27.203813.18220@schbbs.mot.com> o10022@a81.corp.mot.com writes:
>Well, I gotta get one, and have insufficient knowledge of the
>alternatives ... please help.
>
>The Astra's seem to be the most commonly found in catalogs. The
>Diawa's are smaller (an advantage for me), considerably lighter (does
>that suggest anything?), and slightly lower priced in the sense of
>advertised capabilities per dollar.
>
>The question is: are there good reasons to choose one of the above
>over the other ... reliability, service, other ... or are there even
>better alternatives?

The Astron supplies are simple brute force units consisting of a
heavy transformer, rectifier bridge, filter capacitor, and a simple
pass regulator. They are akin to an anvil, simple, brutish, and
reliable. They're nearly idiot proof.

I don't know the internals of the Diawa, but from your description
I would suspect it is a switching supply. Now switchers are modern,
light, compact, and likely to be sources of RFI and be affected by
RFI. They can also be the very devil to troubleshoot, can be very
sensitive to minimum loading, and otherwise a pain in the ass.

Switchers are generally more efficient than linear supplies, and
can be cheaper as well. *If* they are designed properly for the
intended service, they can be very good choices. If, OTOH, you want
a good general purpose supply and don't really care much about
efficiency or mass, the linear supply is a much better choice.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4859. Re: Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <49nu35$ai4@crow.cybercomm.net>
Source record: 209511

Hi Jim,

It says it right on the box of the TM-241a...I had bought one around last spring that says Japan and bought another in the summer that says made in China...they switched around then..I bought mine at HRO in DE. They also made an unannounced CPU change then which made all the mod listings invalid..As far as what part of it, or even how much of it I don't know, but guess you can call Kenwood.. even so parts are made all over the world and nothing much is made in the US anymore...I have had chinese electronics before and have always had to figure on doing resoldering after oxidation sets in.. besides half hour after getting a chinese radio I feel like getting another one..(sorry, old Chinese food joke)..

Steve, wa2nhz

>>>
>
>I don't mean to be argumentative, nor do I mean to question your word,
>but how do you "know for a fact" that these radios are made in China,
>Taiwan, Pakistan, or North Carolina? I wonder, when the laws of this
>country allow me to import a radio complete except for the knobs,
>install the knobs, and mark "Made in USA". And yes, I know this for a
>fact because I researched it when I was considering having some of my
>company's equipment partially assembled in Mexico. I wanted to know
>where the dividing line is between made in one country or the other.
>
>What PART of it is made in China? And mainland China or Taiwan China?
>
>Jim
>
>

4860. Re: Question about proper operating voltage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: hillgen@remus.rutgers.edu
Message-ID: <49nt8r$cvh@remus.rutgers.edu>
Source record: 209512

jackl@pinetree.microserve.com (WB3U) writes:

> hillgen@remus.rutgers.edu (Jay Hillgen) wrote:

>>Also, if anyone oth there has any experience with a supply of this
>>type, any information about getting it up neat 13.8V would be GREATLY
>>appreciated!

>That 10V meter probably indicates that the supply was intended to
>output somthing between 6-8V. Raising that to 13.8V is a big
>increase and the power transformer may simply not put out enough.

>Do you have a schematic?

>73,

>Jack WB3U

I haven't come across a schematic yet, but the power transformer has got to take up about half of the supply's weight (approx 75-100lbs) so I assume it has a bit of muscle.

Jay

4861. ham questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: melissa.stafford@delta.com
Message-ID: <ac.17569.5401@delta.com>
Source record: 209513

I am looking for an RC10 frequency board controler for my 751A icom radio.
Icom does not sale this product any more but I know there are still a few
around. I am also looking for a list of trader nets for 80 meters.

Internet: melissa.stafford@delta.com (Melissa Stafford)
This message was processed by NetXpress from Merlin Systems Inc.

4862. ham questions continued

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: melissa.stafford@delta.com
Message-ID: <ac.17570.5401@delta.com>
Source record: 209514

From my last message, any info would be appreciated.

Internet: melissa.stafford@delta.com (Melissa Stafford)
This message was processed by NetXpress from Merlin Systems Inc.

4863. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <49neoc$eng@news.service.uci.edu>
Source record: 209515

In article <49mr11$hk7@ramp2.lisp.com>, Gary Newberry <garyn@tir.com> wrote:
>jwkelley@e4e.oac.uci.edu (James W. KELLEY) wrote:
>
>>OTOH Gary, how much did a computer cost in those days? Or a video tape
>>recorder? Ham gear *should* be a lot cheaper today than it was back then.
>>And it should be cheaper still. Yes, the displays are still fairly pricey
>>as well as the final transistors, but these companies are making some very
>>handsome profits in this business.
>
>>Bottom line is, pricing is adjusted to what the market will bear (not
>>just to the cost of producing an item). The Icom 706 is a good example
>>of what can be done. That radio lists for $400 less than their 275h 2
>>meter all-mode!
>>Jim Kelley
>
>I suspect the reason that ham gear is relatively expensive is because
>it's such a limited market. How many hams are there in the US for
>example ??? 5 or 6 hundred thousand ??
>Say there are 600k and that 1 out of a hundred bought that 275H 2 ,2
>meter all-mode in 1995 (probably much higher than the real number of
>US buyers) , that's 6000 purchases of say a $1800.00 radio which
>equals about 11 million dollars in sales. Let's say gross profit is a
>whopping 50% of sales, that's about 5 and a half million dollars and
>then let's say that net profit is a whopping 50% of gross profit,
>that's about 2.8 million dollars, for the US, a (the ?) major ham
>market.
>
>Gary WB8POK

Yes, of course sales volume is an important factor. The volume of
sales today you'll have to admit is much better than it was in the
50's and 60's! So there is more money to be made.

If each of those 6000 radios from your example cost $200 to make (which I
suspect could be the case), the total cost for 6000 units would then be
$1.2 million. If they _do_ receive a $2.8 million profit,.... well a
profit of 133% is usually considered a pretty good return on investment.
While this this profit margin is exaggerated, there is still plenty of
money to be made manufacturing amateur radios - otherwise rest assured
no one would do it.

Perhaps the truth lies somewhere between the extreme points of view -
that amateur radios are neither exorbitantly overpriced, nor are they
priced as reasonably as they could be.

Jim Kelley
KE6JPO

4864. 800MH REPEATER NEEDED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: pjgeorge@ix.netcom.com
Message-ID: <49nv7p$nrq@ixnews7.ix.netcom.com>
Source record: 209516

Looking to rent an 800Mh two way radio community repeater. Looking to rent by the month.

Please respond as soon as possible

Peter

4865. Yaesu Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: cbq@glenqcy.glenayre.com
Message-ID: <cbq.60.00088130@glenqcy.glenayre.com>
Source record: 209517

Does anyone have the address or phone number for Yaesu. If so could you
please email them to me. My address is cbq@glenqcy.glenayre.com

thanks ahead of time
curtis

4866. FT1000MP CW Memory Keyer Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: harp@bnr.ca
Message-ID: <harp.62.0@bnr.ca>
Source record: 209518

Has anyone successfully used the memory keyer in the 1000MP??

I wrote an experimental program on the computer that let the function keys serve as the buttons for the keyer.

I could store a couple of characters in each memory but that's all. Not nearly what the manual said was possible. I could get nothing out of the serial number memory.

Is this a bug or is something wrong with mine??

****
* Alan Harp K4PB * Bell-Northern Research * CW FOREVER *
* mail: harp@bnr.ca * Research Triangle Park, NC * *
****

4867. PK-900 For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: asken@primenet.com
Message-ID: <49o17v$s5e@nnrp1.news.primenet.com>
Source record: 209519

I am selling my AEA PK-900 for $400.00 or best offer. It is 1 yr old
and hardly used. It is basically new. Also includes the program
pkpakrat. E-mail asken@primenet.com
KEN-WB7NEX-TUCSON

4868. Re: Question about proper operating voltage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <49nes5$i2b@pacific.mps.ohio-state.edu>
Source record: 209520

There are several possibilities for getting more output voltage from the supply, all of which will be easier to implement if you have a circuit diagram.

I am assuming the power supply (10V@100A) uses series regulation and is not a switching supply. You should first check the unregulated voltage, which you can measure at the filter capacitor's "+" terminal. I'm guessing that the filter caps (one or more) are probably the large can type, rated at 10,000-20,000 uF and 50WVDC (approximately). If the unregulated voltage is greater than 15V under load, then you have enough headroom to increase the regulated output to at least 12 Volts.

Next you need to change the reference voltage used by the series regulation circuit. Sometimes this is as easy as turning an internal adjustment, or changing the resistor in a voltage divider. More likely, you'll need to change a reference zener diode. Increasing its voltage by two volts (e.g. from 6V to 8V) should suffice, and will result in a higher range of regulated output. You might not be able to get the full 100A from the supply with this change, but the supply should regulate up to at least 70 amps or so before dropping out of regulation. If things are borderline, try increasing the value of the filter capacitor to reduce ripple on the unregulated voltage.

If the unregulated voltage isn't great enough, then check to see if the power supply uses a full wave rectifier, with grounded xfmr centertap. If it does, then you can lift the centertap, and replace the full wave rectifiers with a bridge circuit. This change will double the unregulated voltage and will give you plenty of headroom. Be sure and check the voltage ratings of the filter caps, however, and replace them if there isn't enough headroom. You won't be able to draw the full 100Amps from the supply, but that shouldn't pose much of a problem.

An alternate possiblity, if the above modification doesn't seem workable, is to remove the transformer and add several turns to secondary. Use wire whose diameter is the same (approximately) of the secondary wire, which is probably humungous.

When you're all done, you'll need to pad the voltmeter and relable the scale so it will read a higher voltage than ten volts. Good luck.

Jim W8ZR

4869. Re: Wanted. RCA or HP Pencil Triodes 4042 and 4043

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <49np82$4cas@lamar.ColoState.EDU>
Source record: 209521
Cross-posted to: uk.radio.amateur,rec.radio.amateur.equipment

Mike McCracken (mike@aventech.co.uk) wrote:
: (I am posting this on behalf of a fellow amateur who has no access to
: internet newsgroups. Replies set to go straight back to him on email!
: Thanks for any help! Mike@aventech.co.uk)
: WANTED,
: RCA or HP PENCIL TRIODES 4042 AND 4043
: HEWLETT PACKARD PART NUMBER 19-21-0001 & 19-21-0002
: Any help appreciated.
: Royw@multitone.co.uk

I bought an RCA pencil tube marked ' JAN 5675 ' at a swap for a dollar.
The seller said they were used in radiosondes.

I bought it because it looked interesting (for a radio tube).
Is this what you're (he's) looking for?

galen, KF0YJ

4870. Re: Antenna Tuner Legal Limit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <49olop$5ui@crash.microserve.net>
Source record: 209522

rolfe@ldp.com (Rolfe Tessem) wrote:

>True, but the venerable Johnson Matchbox is a tuner of this type, is
>it not?

Well, it *was* a tuner of this type. They're no longer made, so I
didn't mention it. They also don't cover 160M, and it's my
understanding they won't tune 30M. Other than those two limitations
though, it's FB gear (I use the KW version here).

73,

Jack WB3U

4871. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Dec1.173357.9513@ke4zv.atl.ga.us>
Source record: 209523

In article <49f7fh$qh5@cville-srv.wam.umd.edu> ham@w3eax.umd.edu (Scott Rosenfeld NF3I) writes:
>Not to forget Lambda. Very rugged, and they're backed by the company
>until the end of time.

If only that were true. Harris chose Lambda switching supplies for the solid state driver stages of its 100TH transmitter. There are six Lambda supplies in there. On average, we have had two in transit to or from Lambda for repair since we've had the transmitter. Lambda finally said that they wouldn't support the supply anymore. We then started trying to repair them ourselves. They have about 10 times as much circuitry in them as any sane designer would use, most of it protective in nature, and all of it feeding back on itself. They are very difficult to troubleshoot. We finally said "screw it" and just use diesel truck batteries on a float charger to power the solid state amps. We check the water once a month, and rotate in new batteries every couple of years. No more problems.

At one time, I used a 20A Lambda supply for my repeater. If there was a thunderstorm within 20 miles, the Lambda would go into protect and wouldn't come back out until I journeyed to the site, removed AC power and restored it. That was somewhat annoying considering the repeater is located 970 feet up a TV tower. So I just took my handy dikes and removed about 9/10ths of the circuitry in the Lambda, and now it is quite reliable. This Lambda *is* a linear supply rather than a switcher, but it is *grossly* overprotected (or at least it was), now it's about like an Astron.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4872. Re: Kenwood TS-870S hands on experience

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <26158.817849566@safety.ics.uci.edu>
Source record: 209524

In rec.radio.amateur.equipment you write:

>Anybody actually used a TS-870S? I would be very interested in what
>you think of it. I know that DSP works great in the output and I would
>think it should be nothing short of fabulous in the IF stage. Any
>comments from someone with actual hands on experience would be much
>appreciated.

Hi Jim:

I used the 870 up at HRO for an hour on 20 meters with the 850
next to it (with a DSP 9+ attached). Keep in mind that the 850
costs 1500 and the 870 costs about 2600. This was important to me.

I like the 870. The "new" display of digital width is exactly what
the 940 had, and it is neat. The digital width is nice, pretty sharp,
but it did not ever make the difference between copy on the 870
and no copy on the 850. The 850 with its IF filters switched in
seemed as good. The noise reduction in the 870 is nice, but not
a big difference over the DSP 9. I noticed that you cannot use more
than one function of the 870 DSP at once, while on the DSP 9
you can. I could not find a situation where the DSP actually
made a noisey signal copiable where it was otherwise not copiable,
but it did decrease ear "fatigue" especially on moderate signals.

As far as the "IF" stage DSP, I am intrigued by it, and I like it,
but it has its disadvantages. (First note that it is CHEAPER for
Kenwood to put into the rig than a full complement of quality
crystal IF filters) The DSP is at a stage way down the IF chain.
I believe that they have some IF filtering in the higher IF
stages, and this is good. However, the closer you get the tight
filtering to the "first" stage the better. This is where a lot
of overload, IMD, and noise becomes problematic. The sooner you
filter out the junk, the better. The 870 puts the main filter
at the last stage before AF (well, it is close to AF, but I
believe it is inside the AGC loop?) This is OK, but not optimal
from a receiver design standpoint.

Now, the cost question got to me. The 870 is a lot more expensive.
If you equip the 850 with a bunch of good filters, like IRCI,
I suspect it will perform as well, but not as fancy :-). The
IRCI filters add another $300+ to the 850 (2 CW, 2 SSB), cheaper
if used. So I compare the well equipped 850 at 1800 to the 870
at 2600 and I do not want to pay 800 more for what I seem to get.

That is my humble opinion, and I do mean humble. I presently use a Ten Tec OMNI VI and some homebrew stuff... I have been more intrigued by the Yaesu 1000MP since it offers a very good selection of IF filters in addition to the DSP at the end. I don't think you would go wrong with the 870 though, really. It is just that for my own money, I don't see the added value.

Clark
WA3JPG

4873. Re: Late, Stumped and Tired....Need help.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <49nusv$ai4@crow.cybercomm.net>
Source record: 209525

>Run the uhf out of the duplexer bypassing the amp and into one side of a '
>T ' adaptor on the back of the meter. Run the vhf out of the amp into the
>other side of the 'T' adaptor on the back of the meter.
>

Might be your problem is right there...try running it with only one side
on the "T" at a time..curious if the problem goes away..it might still be
seeing the amp.

steve, wa2nhz

4874. Re: rechargable alkalines- comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Tom Clark <clark@tomcat.gsfc.nasa.gov>
Message-ID: <49m771$g79@post.gsfc.nasa.gov>
Source record: 209526

The Renewal batteries seem to work as advertised. I use them in my hand-held GPS receiver. There is a nice package available here at Best Buy (with Michael Jordan's picture on it ;<}) with 8 AA-cells and a 4-cell charger for about $25.

Tom Clark, W3IWI

4875. Re: Icom-706 ext. Rx

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0112951601460001@paul_nix.aud.alcatel.com>
Source record: 209527

In article <Goeshere.1.30BF29BD@indy.net>, Goeshere@indy.net wrote:

> Any other mobile CW ops out there? Is there a Group for such things?
>
> Thanks,
> Russ N9RJ
> N9RJ@indy.net

Russ:

An ICOM guy (Hi Gary, if you see this!) told me about
a 20 Meter ICOM user's net. It's not a mobile CW user's
net, but it is for ICOM owners, so maybe this'll be of
interest.

It runs Sundays at 1700Z (GMT ... UTC ... whatever)
on 14.317 MHz (so here in the Dallas area that's
11 A.M. Sunday morning, as long as we're not on
Daylight Savings Time).

73

Paul Nix (WB5AGF)
e-mail: Paul_N_NIx@aud.alcatel.com

4876. Wanted: 2m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: jdear@mail.bayou.com
Message-ID: <49n7mf$hgg@news.dx.net>
Source record: 209528

Looking for 2m Transverter...Microwave Modules or Downeast Microwave or old Yaesu FTV series...

Must be in working condition.

Reply here or jdear@mail.bayou.com

Jim Dear, KG5VE
jdear@mail.bayou.com

4877. Late, Stumped and Tired....Need help.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <49mfm3$fvu@newsbf02.news.aol.com>
Source record: 209529

Sigh.. More technical help needed. But, first of all, thanks to all who reponded to my repeater / amp / pre-amp situation. A few days of fiddling and testing and all is coming together. Thanks from the entire club.

This posting (cry for help) is for my personal techie problems. Situation: Alinco DR 610 dual band (2m/70cm) rig. Has built in duplexer.....only one antenna lead out of back. RF Concepts (model 2-417) two meter amplifier. Daiwa vhf/uhf crossneedle meter between amp and dual band antenna.

On 2m everything works *exactly* as it should. On uhf/440 the amp will not pass any uhf signal. (With the amp neither off nor on.) Seems that the amp would simply pass the signal on through but instead just soaks it up. No 'readable' power passes through the amp at all.

So.....thinking all I need is a simple external duplexer to bypass the amp I promptly rob a Comet model 4160 uhf/vhf duplexer from another setup. Through a maze of adaptors and jumpers I run the single lead from the radio into the duplexer. Run the vhf out of the duplexer into the amp. Run the uhf out of the duplexer bypassing the amp and into one side of a ' T ' adaptor on the back of the meter. Run the vhf out of the amp into the other side of the 'T' adaptor on the back of the meter.

Thinking I've solved it all, I smugly switch everything on and cautiously begin to test. Well, duplexer does split the signal and I get a slight reading on the meter on both vhf and uhf now, but barely a reading. The maze of the jumpers and adaptors (or something) is soaking up all power, whether vhf through the amp or uhf bypassing the amp.

Simply put, I'm stumped and tired. Been dabbling with this for hours. Time to swallow my pride and post it to the group. Hamfest coming up tomorrow (Sat.) so any answers prior to then will help me gather any thing I may need to pick up.

Thanks to all. Any ham who doesn't access these groups are really missing out.

Rick Crider
KD4FXA
Monroe NC

4878. Re: Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <49m3rk$guq@hg.oro.net>
Source record: 209530

Stephan Rashkin <stever@raven.cybercom.com> wrote:

>Jack Wrote:
>>
>>If Kenwood is now importing goods from China, I will boycott all their
>>products, regardless of the country of origin. Can someone else verify
>>this?
>>
>>73,
>>

I don't mean to be argumentative, nor do I mean to question your word, but how do you "know for a fact" that these radios are made in China, Taiwan, Pakistan, or North Carolina? I wonder, when the laws of this country allow me to import a radio complete except for the knobs, install the knobs, and mark "Made in USA". And yes, I know this for a fact because I researched it when I was considering having some of my company's equipment partially assembled in Mexico. I wanted to know where the dividing line is between made in one country or the other.

What PART of it is made in China? And mainland China or Taiwan China?

Jim

>Yes Absolutely...I know for a fact that the TM-241a is now being made
>in China..

>Steve, wa2nhz

Jim Weir VP Engineering | "We seem to be standing on
RST Engineering | the foreskin of technology."
Grass Valley CA 95945 | (Gen Chuck Yeager)
voice/fax 916/272-1432 |
rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

4879. Re: AEA Home Page (New)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: "R.M. (Dick) Kriss" <dkriss@moontower.com>
Message-ID: <49m0it$h2p@beacon.moontower.com>
Source record: 209531

I checked out the AEA Home Page and NOTED there is
no E-Mail address for AEA. If they are going to have
a home page, the need to have an E-Mail address. I
did note a CIS thing that was black not blue so it
was not a hot link.

Dick Kriss, kd5vu
kd5vu@moontower.com
or
kd5vu@ausgw.wb9khl.ampr.org
A AEA Customer

4880. WTB: Icom 901A parts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: "Robin E. Midgett" <rmidgett@edge.net>
Message-ID: <49m86j$64v@excalibur.edge.net>
Source record: 209532

I need the OPC-179 jumper cables for the 901A...these cables interconnect the band modules on the 901A series radios, no longer available from Icom. Thanks,
Robin KB4IDC

4881. Re: HELP: FT-23r Display Blinking!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: kaboom@usit.net
Message-ID: <kaboom-0112950115280001@arcade-slip21.dynamic.usit.net>
Source record: 209533
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <49iinv$bev@tekadm1.cse.tek.com>, gaulandm@mdhost.cse.tek.com (Michael Alan Gauland) wrote:

> My Yaesu FT-23R HT has taken up the rather distressing habbit of
> continuously flashing everything on the display. It no longer
> seems to transmit, though receive works fine on whatever repeater
> it was last tuned in to.
>
> Any ideas on how to best discourage this behavior?

Generally, a flashing display means the PLL is unlocked. Your radio needs service.

4882. Re: Which HF Vertical

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: crcarlson@netins.net
Message-ID: <0099A2F5.7B8A68E1@netins.net>
Source record: 209534
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.antenna

In article <49j43t$4ef@sally.dma.org>, millersg@dma.org (Steve Miller) writes:
>In article <john-2311950333320001@wd1v.mv.com>,
>John Seney <john@wd1v.mv.com> wrote:
>>Just saw an ad in the December '95 CQ magazine for a new vertical from
>>Hy-Gain that is 10 - 40 meters, stands 29 feet tall, is self supporting,
>>and requires no radials. They also make the claim of 750 watts key down
>>for 30 minutes and no problems. They don't mention price but I assume it
>>is competitive.
>
>I would be leery of any vertical which the marketing says 'no radials
>required'. Efficiency is lost when verticals are mounted on or slightly
>above ground. A proper radial system will reduce the ground losses
>allowing better radiation from the antenna. Get a Butternut and put out
>radials - That's what I did.
>
>
>--
>Steve Miller
>millersg@dmapub.dma.org
>WD8IXE - Ridin' the aethereal waves
Steve I would differ with you on this. Generally what you say is true, but as one raises the feedpoint of a vertical it becomes more effecient. Granted a common-garden-variety type vertical like my real old 14 AVQ shouldn't be used without radials but some verticals are designed with an elevated feedpoint so as to do away with radials. The ideal case in point would be a dipole, made half wave length, tilted on its side. One would NOT want to put radials on such an antenna. The gap works on the elevated feedpoint principle. Read some of the stuff Kurt N Sterba says in WorldRadio about this.
Anybody see any holes in what I say here?
Peace
WB0FDJ

4883. Kenwood TM-732 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: larryka@wam.umd.edu
Message-ID: <49nb5u$t75@cville-srv.wam.umd.edu>
Source record: 209535

Has anyone had trouble with the microphone that comes with the TM-732A?
I've noticed that if I hold the mic for a while, the functions on the keypad stop working. It won't let me remotely control the functions of the radio. When the mic cools off, it works again. It seems like it's heat related.
I'm also wondering if anyone has had trouble with the clip on the connector. Mine broke off a couple days ago, after about two years. It looks like I'm either going to have to splice on a new connector, or buy a new mic. Any suggestions?

73 de N2TBX Larry

4884. Re: Kenwood TM-241 Aircraft Recive

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: steinr@holmes.ece.orst.edu
Message-ID: <49lnka$3dm@engr.orst.edu>
Source record: 209536

In article <49iumb$7sk@canyon.sr.hp.com>, Jim Boyett <jimbo@sr.hp.com> wrote:
>Robert Bickel (rbickel@ccnet.com) wrote:
>: I've got a Kenwood TM-241 and it exhibits very low sensitvity on the AM aircraft band.
>: I'm told that some are better than others and wonder if anyone knows of a fix. I checked
>: the mods listings at BARC and found nothing on the rig. Any comments are appreciated.
>
>I just purchased a TM-241A and haven't heard anything on the aircraft band
>yet. I was just wondering how it knows to use AM for the 118-136 freq and
>FM for the 144-148 freqs. I don't see any info in the users manual on this.
>

It doesn't use AM on 118-136. It's all FM-narrow. It sure would have
been nice if they thought about that one a little harder. It's a good
radio otherwise.

--

*** Ray Stein *** Oregon State University ***
*** steinr@ece.orst.edu *** Dept of Electrical Engineering ***
*** N7RET *** http://www.ece.orst.edu/~steinr ***

4885. Re: AEA Home Page (New)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: "R.M. (Dick) Kriss" <dkriss@moontower.com>
Message-ID: <49m0hi$h2l@beacon.moontower.com>
Source record: 209537

I checked out the AEA Home Page and NOTED there is
no E-Mail address for AEA. If they are going to have
a home page, the need to have an E-Mail address. I
did note a CIS thing that was black not blue so it
was not a hot link.

Dick Kriss, kd5vu
kd5vu@moontower.com
or
kd5vu@ausgw.wb9khl.ampr.org
A AEA Customer

4886. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <49m0ai$c86@cc.iu.net>
Source record: 209538

In <49l13b$2g3@news.service.uci.edu>, jwkelley@e4e.oac.uci.edu (James W. KELLEY) writes:
>OTOH Gary, how much did a computer cost in those days? Or a video tape
>recorder? Ham gear *should* be a lot cheaper today than it was back then.
>And it should be cheaper still. Yes, the displays are still fairly pricey
>as well as the final transistors, but these companies are making some very
>handsome profits in this business.

look at the volume of VTR sales versus the potential sales of any ham gear.
if we assume there's only 1/2 of the possible operators actually active, then you
have only around 400k people to sell to. a far smaller group than the number of
people to buy computers (or even just computer applications...such as cars) or
VTRs.

for grins, go look at a late model betamax like an SLHF-900 or really go back to
the first popular VHS unit, the RCA VBT-200. look at the amount of metal and
work needed to make those things even work.

look at the modern VTR with it's bells and whistles. probably weighs 1/5 to 1/8
the VBT-200, all plastic - maybe not even repairable due to inability to get the
tolerances right if it's ever taken apart.

part of the big price reduction on things like VTRs is volume plus value engineering
that has cheapened up the designs to minimum parts required. if they're such a
deal, you'd see the production folks using 'em...but last time i saw a studio they
had the heavy stuff that was also designed for their function, but comes with at
least a 5x increase in price.

we're lucky we have the manufacturers we have given the stagnation in amateur
radio in the 70/80's....

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

4887. Re: Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <49ol7i$5ui@crash.microserve.net>
Source record: 209539

Stephan Rashkin <stever@raven.cybercom.com> wrote:

>I have had chinese electronics before and have always had to figure
>on doing resoldering after oxidation sets in..

That's the correct procedure, to do it yourself. Executives and
workers in China are routinely beaten and executed for their failure
to produce acceptable quality goods. It's far better not to let their
employer (govt/military) know you had a problem.

73,

Jack WB3U

4888. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1995Dec1.175302.9724@ke4zv.atl.ga.us>
Source record: 209540

In article <Pine.BSD/.3.91.951130165632.2138A-100000@matrix.eden.com> "Edwin J. Bailen" <n5kzw@eden.com> writes:
>When I went looking for a power supply several years ago, I was told that
>Astron makes the Kenwood power supplies. When my RS-35A took a lightning
>hit a few years back, I had to replace the zener diode, and the LM-723 to
>get it back up. For my purposes, I prefer a linear suply controlled by a
>723. They are very easy to repair, and I have had no equipment problems.

Speaking of Astrons and lightning hits, my RS-35A was powering an IC-28H whose antenna took a direct strike (AEA Isopole confetti all over the lawn). The 9913 was melted and there was a *huge* scorch mark on the top of the Astron cabinet (the IC-28H was sitting on it). When I opened up the Astron, the only damage was the *totally missing* MOVs on the AC line, and the *open* 0.01 ohm emitter ballast resistors for the pass transistors. Everything else was fine. I put in new resistors and new MOVs, and the supply came right back up (so did the radio believe it or not). Unfortunately, the TNC connected to the radio was silicon scrap, as was the computer connected to the TNC, and the monitor, printer, and phone modem connected to the computer. The 2000VA UPS was in *flames*. (Thus started my crusade to make sure amateur stations are properly protected against lightning, I knew better, but like the cobbler's kids, my station was barefoot in the lightning protection department before that strike.)

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | emory!kd4nc!ke4zv!gary
534 Shannon Way | Guaranteed! | gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244 | |

4889. Wanted: Specs for VHF-power tube Philips YD1303

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Trummer Egon <ntrume@hasler.ascom.ch>
Message-ID: <1995Dec1.131852.10985@hasler.ascom.ch>
Source record: 209541
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

Hallo

a friend has got a Philips VHF power tube YD1303 and he would
like to have some data sheet or hints where to find further information.
This tube was possibly intended for a PLISCH TV transmitter with
a few hundred watts at 400MHz.

Further informations would be appreciated very much.

73 de HB9HVI, Egon

4890. Re: Drake R4A crystal help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: fontam@clark.net
Message-ID: <49n6o3$l4@clarknet.clark.net>
Source record: 209542

a313@Lehigh.EDU wrote:
: In article <47l7q8$1b00@fidoii.cc.lehigh.edu>, lusgr@chili.CC.Lehigh.EDU (Stephe
: n G. Roseman) writes:
: >I'm a brand new Tech-plus - got my callsign Saturday. My dipoles are strung
: >(and waiting on feedline...) I've got my "brand new" Drake twins, a TX-4 and
: >a R-4A. I'd like to do some HF phone along with CW. Oops - their 10M band
: >starts at 28.5 Mhz, above the Novice band.
: >
: >So, I need a crystal, and have a few questions.
: >
: >1. Anyone have suggestions for a good source of a crystal or two?
: >
: >2. I don't have the manual for R-4A yet. Looking at the crystals for the
: > built-in bands, it appears that I need a 28.0+11.1=39.1 Mhz crystal. Can
: > anyone verify that?
: >
: >3. Does anybody have the crystal I need for a reasonable price?
: >
: >Thanks,
: >Steve, N3WHW
: >
: >--
: >Steve Roseman
: >Lehigh University Computing Center
: >lusgr@chili.CC.Lehigh.Edu
: >
: Yes you are correct on the frequency. Also note that you will need a third
: overtone mode series resonant crystal. JAN Crystals down in Florida can take
: care of you at a reasonable price. They have the specs for the Drake Line
: Crystals. Check your recent QST or maybe some other magazine for the address.
: It's somewhere in Ft. Meyers Florida. They work a four day week. This outfit
: is the old "Texas Crystals" group.
: 73's Dick K8WHA
:
:

Jan crystal has an 800 number. You might want to call the 800 info for
it. I recently ordered a few crystals for my t4x/r4a for 17 and 30
meters and received them in about 2 1/2 weeks.

73 Marc AA3JQ

4891. Standard brand repair center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: mcinnis@austin.ibm.com
Message-ID: <49o1co$1due@ausnews.austin.ibm.com>
Source record: 209543

I have a friend with a Standard brand HT that has cracked its case
where the battery attaches on the bottom. Unfortunately, the HT case
cracked, not the battery. (*#^@&$#& idiotic designer).

Does anyone have the phone number for the Standard repair center?
Has anyone had a similar repair made and know what a case replacement costs?

4892. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: cliff@pgh.nauticom.net
Message-ID: <DIxFxt.26A@pgh.nauticom.net>
Source record: 209544

This discussion reminds me of a story my grandfather told me...

His brother in law lamented that ice cream cones were so expensive nowadays and that when he was a kid they were only a nickle.

My grandfather replied, "I couldn't afford one back then, now I can buy as many as I want."

Granted one can't buy as many TS-950's as they want, but I think the same philosophy holds true. Income over the long term has risen faster than the price of goods.

73,

Cliff K3LL

--

+---+
|cliff@nauticom.net K3LL @ W3UDX.#WPA.PA.USA.NOAM |
| k3ll@nauticom.net "Adapt, Migrate, or Die." |

4893. Re: Antenna Tuner Legal Limit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: rolfe@ldp.com
Message-ID: <49nat7$nvm@daffy.ldp.com>
Source record: 209545

In article <817802746.16598@pinetree.microserve.com>,
jackl@pinetree.microserve.com says...

>A third type of tuner is designed to primarily feed open wire or
>ladder line and uses link coupling to convert from the transmitter to
>a balanced output. This type tuner does not use a balun, and will be
>reasonably efficient with any feedline impedance which it can match.
>There are many possible component configurations and the link may be
>placed at the input, the output, or somewhere in between. No one I am
>aware of currently manufacturers these tuners, although quite a few
>exist in construction articles.

True, but the venerable Johnson Matchbox is a tuner of this type, is it not?

Rolfe
W3VH

--
Rolfe Tessem | Lucky Duck Productions, Inc.
rolfe@ldp.com | 96 Morton Street
(212) 463-0029 | New York, NY 10014

4894. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: cv282@FreeNet.Carleton.CA
Message-ID: <DIwwAE.A4n@freenet.carleton.ca>
Source record: 209546

I have the HTX-212. I find it to be a very good radio, the audio is VERY good. Has most of the features you would want in a mobile. Just a few inconveniances such as not being able to store non-ham frequencies in memory, and it's not easy sending DTMF tones. The CAP/MARS expansion is only 1MHz below and above. But that's not why I bought it. Go to an authorized dealer and you should be able to get for 20-30% less. Also good for packet operation. I'm not ashamed to use it, but then again I only drive a Toyota, not a BMW.
--

4895. Re: AEA Home Page (New)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: "R.M. (Dick) Kriss" <dkriss@moontower.com>
Message-ID: <49m0gt$gsk@beacon.moontower.com>
Source record: 209547

I checked out the AEA Home Page and NOTED there is
no E-Mail address for AEA. If they are going to have
a home page, the need to have an E-Mail address. I
did note a CIS thing that was black not blue so it
was not a hot link.

Dick Kriss, kd5vu
kd5vu@moontower.com
or
kd5vu@ausgw.wb9khl.ampr.org
A AEA Customer

4896. Re: Power supplies: Astron or Daiwa or other?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: davew@cruzio.com
Message-ID: <DIvuoH.Iqu@cruzio.com>
Source record: 209548

o10022@a81.corp.mot.com wrote:
>Well, I gotta get one, and have insufficient knowledge of the
>alternatives ... please help.
>
>The Astra's seem to be the most commonly found in catalogs. The
>Diawa's are smaller (an advantage for me), considerably lighter (does
>that suggest anything?), and slightly lower priced in the sense of
>advertised capabilities per dollar.
>
>The question is: are there good reasons to choose one of the above
>over the other ... reliability, service, other ... or are there even
>better alternatives?
>
>Your experience-based opinions would be appreciated. I suggest an
>email response, unless you feel thet others in this forum would be
>interested.
>
>Tony
>KC7HDT

I have a couple Astrons at home and a couple more I use at work and have had few problems.

HOWEVER:

The company I work for has about 70 stores and for years we used the Astrons to power the electronics display. I had to repair some that had overheated the connections on the pcb. I fixed them by installing heavy wire jumpers. Mind you these are running at about 75% of ca pacity 7 days a week and about 12 hours per day. Recently we had to change to another make because the Astrons are not UL approved. The Fire Marshalls in some states would not let us open the stores until we replaced them with UL approved units which cost us over $300 each in quantity! If your house ever burns down the non-Ul approved Astrons may be a problem for you.

Dave

4897. Re: IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: ga19989@evax01.d51.lilly.com
Message-ID: <1995Dec1.100431.1@evax01.d51.lilly.com>
Source record: 209549

In article <9511262325.AA03484@aragorn>, aust@gandalf.sp.TRw.COM (Mike Aust) writes:
> A few don't care for full break in as it does not
> respond fast enough for those 35+ Wpm CW op's on full
> break-in well.

>
So soes anybody have more feedback on how fast the IC706 breakin responds? I have one on order, but this could be a problem. Not that I work a whole lot of CW above 30 WPM.... but how fast can CW be with good keying shape and no loss of bauds?

Mel KJ9C

4898. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: garyn@tir.com
Message-ID: <49mr11$hk7@ramp2.lisp.com>
Source record: 209550

jwkelley@e4e.oac.uci.edu (James W. KELLEY) wrote:

>In article <49bgi1$1h9@miwok.nbn.com>, Gary <design@thereporter.com> wrote:
>>NICK, N3FKS is concerned about todays price of ham gear...
>>>
>>Nick, my first a.m. station in the '50s, a Johnson Valiant and a National
>>NC303 cost over $1000 and was ham band only and a.m./c.w. only. Today, about
>>the same $1000 will get you something like a TS450sat which would have
>>been considered science fiction back in the 50s!
>>Considering what inflation has done to food, housing, transportation, and
>>just about anything else you can name, our radio hobby has blessed us
>>with bargains that should be the envy of most other pursuits you can
>>name. Qwitchurbitchin, and enjoy the vast bargains available out there
>>for your dollar.
>>
>>73,Gary, KJ6Q

>OTOH Gary, how much did a computer cost in those days? Or a video tape
>recorder? Ham gear *should* be a lot cheaper today than it was back then.
>And it should be cheaper still. Yes, the displays are still fairly pricey
>as well as the final transistors, but these companies are making some very
>handsome profits in this business.

>Bottom line is, pricing is adjusted to what the market will bear (not
>just to the cost of producing an item). The Icom 706 is a good example
>of what can be done. That radio lists for $400 less than their 275h 2
>meter all-mode!

>The original post had it right. But as long as there are hams around
>that will pay just about any price for their new radio, the prices will
>stay up.

>Jim Kelley
>KE6JPO

I suspect the reason that ham gear is relatively expensive is because
it's such a limited market. How many hams are there in the US for
example ??? 5 or 6 hundred thousand ??
Say there are 600k and that 1 out of a hundred bought that 275H 2 ,2
meter all-mode in 1995 (probably much higher than the real number of
US buyers) , that's 6000 purchases of say a $1800.00 radio which
equals about 11 million dollars in sales. Let's say gross profit is a
whopping 50% of sales, that's about 5 and a half million dollars and
then let's say that net profit is a whopping 50% of gross profit,
that's about 2.8 million dollars, for the US, a (the ?) major ham
market.

That's a lot of $$$ for me, but certainly not a lot of money for a manufacturer. (Actually Icom might be thrilled if 1 out of 100 hams bought their new IC-706 in 1996.

That's just ballpark accounting and I'm sure someone could sharpen up my numbers but I doubt that the manufacturers are exactly lighting cigars with $100.00 bills (YEN), they just don't have the potential 200 million or so households to spread their costs over like they would if they were making TV's, VCR's Microwaves etc.

BTW I just sold my TS-850 because I didn't like having that much money tied up in something that didn't get used much. :-)

Gary WB8POK

--
garyn@tir.com <Gary>

4899. Japanese CW Key Manufacturer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0112951626190001@paul_nix.aud.alcatel.com>
Source record: 209551

Can someone confirm the name of a Japanese CW key manufacturer as "Hi-Mound"?

I believe that, in the last 2 or 3 years, one of the U.S. ham magazines mentioned that there's a ham who's importing them into the U.S. Can someone provide that information? (maybe a K8 ?)

Sort of embarrassing to say but, although I'm too lazy to like CW ... I'm fascinated with CW keys (so I'm a little eccentric ... big deal ... :)

73

Paul Nix (WB5AGF)
e-mail: Paul_N_Nix@aud.alcatel.com

4900. Re: Which HF Vertical

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <49n2bn$kg1@newsbf02.news.aol.com>
Source record: 209552

In article <49j43t$4ef@sally.dma.org>, millersg@dma.org (Steve Miller) writes:

>I would be leery of any vertical which the marketing says 'no radials >required'. Efficiency is lost when verticals are mounted on or slightly >above ground. A proper radial system will reduce the ground losses >allowing better radiation from the antenna. Get a Butternut and put out >radials - That's what I did.
>
>
>--
>Steve Miller

I'll vote for that. Steve's experience parallels mine. The best verticals I've used employed radial systems, one is the Butternut, and one is a MFJ full size quarter wave (35 ft tall) on 40 and 20 and top loaded on 80. Both systems murder a GAP and an R7.

73 Tom

4901. Re: Question about proper operating voltage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <817831517.24358@pinetree.microserve.com>
Source record: 209553

hillgen@remus.rutgers.edu (Jay Hillgen) wrote:

>Also, if anyone oth there has any experience with a supply of this
>type, any information about getting it up neat 13.8V would be GREATLY
>appreciated!

That 10V meter probably indicates that the supply was intended to
output somthing between 6-8V. Raising that to 13.8V is a big
increase and the power transformer may simply not put out enough.

Do you have a schematic?

73,

Jack WB3U

4902. Yaesu 5100 for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: sftmf@frog.thpl.lib.fl.us
Message-ID: <49o0q7$n6v@mother.usf.edu>
Source record: 209554

[No readable article body recovered]

4903. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: eplatt@hooked.net
Message-ID: <30be543f.497500126@news.hooked.net>
Source record: 209691
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

jrosenw@pgh.nauticom.net (John E. Rosenwald) wrote:

>Evan, or Santa, or whatever you want to call yourself ...
>
>I suggest that you visit news.admin.net-abuse.announce and read
>a few of the postings there. After you have done that, then you
>can come back here and tell Bill that he is wrong.
>
>There is a term that is used to describe what you are crying about,
>but 'spam' is not it. In fact, it might be a good exercise to see
>if you can find out what the correct term is.

Uhh.. That wasn't me posting that.. I don't use my sig in newsgroups..
only in e-mail..I think I know who that was... I'll take care of em.

4904. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: eplatt@hooked.net
Message-ID: <30be54ee.497675749@news.hooked.net>
Source record: 209692
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Santa@northpole.gov (Santa) wrote:

>No, their yelling back and forth arguing about who's cock was bigger,
>who called who, who fed ex'd what, who's son was a ham, who's annoying
>while they type in all caps.. THAT is spamming. YOUR spamming, telling
>someone the're spamming. Get a life..

Please note: That was NOT my post. I do not use a sig in newsgroups,
only e-mail. I know who it was and am handling it. Apologies.

4905. Re: Kenwood TM-241 Aircraft Recive

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: "Charles W. Doolittle-Scovish" <doolic@rpi.edu>
Message-ID: <49lidk$apv@usenet.rpi.edu>
Source record: 209693

>I just purchased a TM-241A and haven't heard anything on the aircraft band
>yet. I was just wondering how it knows to use AM for the 118-136 freq and
>FM for the 144-148 freqs. I don't see any info in the users manual on this.

I couldnt tell you how, but I know it does. I can get my local ap on it. The
sensitivity isnt that great though. Remember:Specs only guaranteed for the
amatuer bands.
--
Charles W. Doolittle-Scovish
doolic@rpi.edu n1spx@acm.rpi.edu
N1SPX
Frequencies at http://acm.rpi.edu/~n1spx

4906. PACKARD BELL >>WILL<< SCREW YOU!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Bruce Herder <bherder@netport.com>
Message-ID: <49mqnu$eca@netport.com>
Source record: 209694
Cross-posted to: rec.radio.amateur.antennna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

> BE FORWARNED!!! BEFORE YOU BUY A PACKARD BELL
> COMPUTER, KNOW THAT THEY WILL TAKE YOUR MONEY, BUT IF
> ANYTHING GOES >>WRONG<< WITH IT, YOU >>WILL<< BE
> IGNORED!!!!
> I bought a Packard Bell computer in Dec.94'. Every-
> ting was fine until a few months ago when the hard-drive
> started to go south. It was a Seagate 720 mb (which I
> later found out that PB had a whole bunch of them with
> problems) that started to lose sectors. 13 mb's worth
> and growing.
> I took the hard-drive into the local "Packard Bell
> factory authorized service center" to have it
> warrenty repaired/replaced. I had even bought the 3-year
> extended warrenty at time of purchase.
> It has now been >>12 WEEKS<< and I have heard
> NOTHING. I stopped by the "service center" to find out what
> was going on, and THE GOD-DAMN HARD-DRIVE WAS STILL
> SITTING ON THEIR SHELF, WAITING FOR A "RETURN AUTHORIZATION
> NUMBER".....>>>>12 WEEKS!!!!!!<<<< FOR A FREEKING
> >>>NUMBER!!!!!<<<< And then who knows how long the idiots
> at PB would have it before they "did" anything about it???
> I have tried for 12 solid days to get ahold of someone
> on one of their "800" numbers. Yeah right......
> I have also sent E-mail with NO response of course.
> PACKARD BELL DOSN'T GIVE A SHIT ABOUT THEIR CUSTOMERS!!
> THEY ARE MORE THAN HAPPY TO TAKE YOUR MONEY, BUT IF YOU HAVE
> A PROBLEM, IT'S "SCREW-YOU PAL..."
> If you are in the market for a new computer...make
> damn sure they are going to back it up! Packard Bell WON'T!!
>
> Bruce Herder
> bherder@netport.com
> Palmdale, Ca.
>

4907. Re: PACKARD BELL >>WILL<< SCREW YOU!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-0112951126580001@ppp39.dowco.com>
Source record: 209695
Cross-posted to: rec.radio.amateur.antennna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

In article <49mqnu$eca@netport.com>, Bruce Herder <bherder@netport.com> wrote:

-> > BE FORWARNED!!! BEFORE YOU BUY A PACKARD BELL
-> > COMPUTER, KNOW THAT THEY WILL TAKE YOUR MONEY, BUT IF
-> > ANYTHING GOES >>WRONG<< WITH IT, YOU >>WILL<< BE
-> > IGNORED!!!!
-> > I bought a Packard Bell computer in Dec.94'. Every-
-> > ting was fine until a few months ago when the hard-drive
-> > started to go south. It was a Seagate 720 mb (which I
-> > later found out that PB had a whole bunch of them with
-> > problems) that started to lose sectors. 13 mb's worth
-> > and growing.
-> > I took the hard-drive into the local "Packard Bell
-> > factory authorized service center" to have it
-> > warrenty repaired/replaced. I had even bought the 3-year
-> > extended warrenty at time of purchase.
-> > It has now been >>12 WEEKS<< and I have heard
-> > NOTHING. I stopped by the "service center" to find out what
-> > was going on, and THE GOD-DAMN HARD-DRIVE WAS STILL
-> > SITTING ON THEIR SHELF, WAITING FOR A "RETURN AUTHORIZATION
-> > NUMBER".....>>>>12 WEEKS!!!!!!<<<< FOR A FREEKING
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-> > at PB would have it before they "did" anything about it???
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-> > PACKARD BELL DOSN'T GIVE A SHIT ABOUT THEIR CUSTOMERS!!
-> > THEY ARE MORE THAN HAPPY TO TAKE YOUR MONEY, BUT IF YOU HAVE
-> > A PROBLEM, IT'S "SCREW-YOU PAL..."
-> > If you are in the market for a new computer...make
-> > damn sure they are going to back it up! Packard Bell WON'T!!

If you really want to get their attention post this message to some of the comp.sys hierarchy. In the great scheme of things there just are not that many hams!

good luck

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club VA7SM - "To boldy VHF where no ham has VHFed before"
Coquitlam Radio Club VE7SCC - "The Satellite Seniors"

4908. Re: Connecting computers over radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: "R.Post" <rpost@nijmegen.inter.nl.net>
Message-ID: <Pine.SUN.3.91.951201145100.5661A-100000@hatert.nijmegen.inter.nl.net>
Source record: 209696
Cross-posted to: rec.radio.shortwave,alt.radio.digital,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

On 1 Dec 1995, Dan Axelrod wrote:

> Hello all.
>
> I am interested in an interesting idea that I have for my computer:
>
> I want to connect the computer to another one over the radio waves.
> I need it to be running 24 hrs a day 7 days a week. It has to broadcast
> over about a 60 mile range. And have a speed of about a 28.8 modem.
>
> Preferably I would want a full-duplex connection just hooked up to
> modems on both sides. But other similar ideas I want to consider for
> myself too.
>
> I live in the US, and in fact I want to transmit from the east cost of New
> Jersey to Long Island NY.
>
> I thought that maybe SW radio would be good, since it's a. not regulated,
> and b. can bend over the horizon.

SW radio is regulated CB is not. usually CB does not bend over the horizon.
To use SW radio you need an amateur licence...

>
> Does anyone know how possible, leagal and/or expencive is this project?
>
possible, yes. If you've got the licence it's even legal, but still then not
appiciated by other ham's. If you are using CB you'll find the chanels to small
(close together) to use 28k8, common practice on CB is 1k2 or 2k4. This
is due to the bandwith required to transmit 28k8 over loger distances
while leaving some s/n ratio at the receiving end.
1k2 is not expencive, a few bugs for the modem is all you need to spend.
If you're willing to learn for the licence, the ham-radio packet-network
might come close to your needs.

If you want to know more about hams just ask an american ham. Maybe you
should reed rec.radio.amateur.digital.misc for a while.

cu Remco.

4909. Connecting computers over radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: danax@interport.net
Message-ID: <49m6fe$g87@park.interport.net>
Source record: 209697
Cross-posted to: rec.radio.shortwave,alt.radio.digital,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

Hello all.

I am interested in an interesting idea that I have for my computer:

I want to connect the computer to another one over the radio waves.
I need it to be running 24 hrs a day 7 days a week. It has to broadcast
over about a 60 mile range. And have a speed of about a 28.8 modem.

Preferably I would want a full-duplex connection just hooked up to
modems on both sides. But other similar ideas I want to consider for
myself too.

I live in the US, and in fact I want to transmit from the east cost of New
Jersey to Long Island NY.

I thought that maybe SW radio would be good, since it's a. not regulated,
and b. can bend over the horizon.

Does anyone know how possible, leagal and/or expencive is this project?

(e-mail is prefferable)
Dan Akselrod
---
http://menger.eecs.stevens-tech.edu/~danax
mailto:danax@interport.net

4910. Re: AEA Home Page (New)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: "R.M. (Dick) Kriss" <dkriss@moontower.com>
Message-ID: <49m0mo$h3e@beacon.moontower.com>
Source record: 209698

I checked out the AEA Home Page and NOTED there is
no E-Mail address for AEA. If they are going to have
a home page, the need to have an E-Mail address. I
did note a CIS thing that was black not blue so it
was not a hot link.

Dick Kriss, kd5vu
kd5vu@moontower.com
or
kd5vu@ausgw.wb9khl.ampr.org
A AEA Customer

4911. Looking for algorithm to work out grid locator

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Marinus Willemstijn <willemma@telkom19.telkom.co.za>
Message-ID: <30BEE679.593F@telkom19.telkom.co.za>
Source record: 209699

Can anyone please help me get the algorithm to work out the grid locator?
I am writing a program and would like to incorporate
something similar.

Marinus Willemstijn
Voice : +27 12 3256503
Cell : 082-565-7085
Fax : +27 12 3114438
Internet : willemma@telkom19.telkom.co.za

4912. Wanted. RCA or HP Pencil Triodes 4042 and 4043

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: mike@aventech.co.uk
Message-ID: <49nat1$pc8@alpha.aladdin.co.uk>
Source record: 209700
Cross-posted to: uk.radio.amateur,rec.radio.amateur.equipment

(I am posting this on behalf of a fellow amateur who has no access to
internet newsgroups. Replies set to go straight back to him on email!
Thanks for any help! Mike@aventech.co.uk)

WANTED,
RCA or HP PENCIL TRIODES 4042 AND 4043

HEWLETT PACKARD PART NUMBER 19-21-0001 & 19-21-0002

Any help appreciated.

Royw@multitone.co.uk

4913. Kenwood TS-870S hands on experience

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <30BEC885.4FD6@ix.netcom.com>
Source record: 209701

Anybody actually used a TS-870S? I would be very interested in what you think of it. I know that DSP works great in the output and I would think it should be nothing short of fabulous in the IF stage. Any comments from someone with actual hands on experience would be much appreciated.

TNX & 73, Jim WB6LWS

4914. Icom-706 ext. Rx

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Goeshere@indy.net
Message-ID: <Goeshere.1.30BF29BD@indy.net>
Source record: 209702

What is the 'Yellow Wire Mod' for the IC-706? Does it help with the poor RX above 148? I can't even recieve the local weather radio on 162.55 running a KW!

Overall I think the rig is great and hope to get in the car this weekend.

Any other mobile CW ops out there? Is there a Group for such things?

Thanks,
Russ N9RJ
N9RJ@indy.net

4915. ICOM 2000H Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: Bob Fritz <bfritz@sd.inri.com>
Message-ID: <49n3r7$5k7@gozer.inri.com>
Source record: 209703

I'm looking for a site that has ICOM 2000H mods - I can't find them in the usual places.

Bob, KE6WYG

4916. Re: RSGB report on icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-01 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <49n3nv$fva@pacific.mps.ohio-state.edu>
Source record: 209704

Here's a correction on the URL for the RSGB review of the ICOM 706:
http://www.worldserver.pipex.com/nc/icom/icom706r.htm

Jim W8ZR

4917. Re: Connecting computers over radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: user@midland.co.nz
Message-ID: <49ppht$doo_001@midland.co.nz>
Source record: 209361
Cross-posted to: rec.radio.shortwave,alt.radio.digital,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <49m6fe$g87@park.interport.net>,
danax@interport.net (Dan Axelrod) wrote:

>I want to connect the computer to another one over the radio waves.
>I need it to be running 24 hrs a day 7 days a week. It has to broadcast
>over about a 60 mile range. And have a speed of about a 28.8 modem.
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>Preferably I would want a full-duplex connection just hooked up to
>modems on both sides. But other similar ideas I want to consider for
>myself too.
>
>I live in the US, and in fact I want to transmit from the east cost of New
>Jersey to Long Island NY.
>
>I thought that maybe SW radio would be good, since it's a. not regulated,
>and b. can bend over the horizon.
>
>Does anyone know how possible, leagal and/or expencive is this project?

Transmitting data over HF radio is done all the time by agencies in Aviation, Military, Maritime and Commercial. Basically the problem has to do with both regulation and bandwidth. First, the HF bands are highly regulated and you would have to get the FCC to assign you a channel, or you could become an amateur radio operator and use one of the many data frequencies available to them.

Next, the typical transmission rate on HF is less than 1200 baud. The fastest commercially available modem I am aware of is made by HAL electronics and using a special modulation scheme called CLOVER, they can attain a rate of 4800 baud, theoretically. But given propogation conditions it is usually much slower than this.

Because HF frequencies are assigned to many users internationally, what may appear to be a non-congested spectrum is actually quite busy. Therefore the channel bandwidth is narrow, giving everyone a chance to get on the air, but because of this the transmission rate for digital data is very slow, often 100 baud or less.

I would recommend that in order to get up to speed on the latest technology and to try out some ideas that you first contact the local amateur radio club and see what they are doing.

Craig

4918. Transceiver Testing ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: jalil@pop.jaring.my
Message-ID: <49osks$92c_006@kl2.jaring.my>
Source record: 209362

Does anyone have a test procedure for transceiver ?
I mean especially on the receiver side for sensitivity, selectivity, IM, sinad and what have you.

I've lost my documentation which was an old HP training manual when i moved, and to date, i still cannot find a decent radio test paper. Is it some kind of big deal secret now or is it people don't test radios anymore ?

Please post here as i'm pretty sure there would be many others interested in the same.

Many Thanks.

Best Regards,

Jalil Latiff - Universal Telecommunication Network Services
Telecommunication Turnkey Systems Engineering
Tel : + 60 (0)3 735 6980 Fax : + 60 (0)3 735 6978

4919. Re: R.E. ICOM 735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: Dave Bernstein <dhb@rational.com>
Message-ID: <49obde$9v5@rational.rational.com>
Source record: 209363

QST published a simple 4-transistor ICOM interface awhile back, which works fine to control my
735 using software written in Visual Basic. I can dig up the schematic if you are interested.

Dave
AA6YQ

4920. Re: PACKARD BELL >>WILL<< SCREW YOU!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: jdear@mail.bayou.com
Message-ID: <49q0ve$8a8@news.dx.net>
Source record: 209364
Cross-posted to: rec.radio.amateur.antennna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

In article <ve7zvz-0112951126580001@ppp39.dowco.com>, ve7zvz@dowco.com says...
>
>In article <49mqnu$eca@netport.com>, Bruce Herder <bherder@netport.com> wrote:
>
>-> > BE FORWARNED!!! BEFORE YOU BUY A PACKARD BELL
>-> > COMPUTER, KNOW THAT THEY WILL TAKE YOUR MONEY, BUT IF
>-> > ANYTHING GOES >>WRONG<< WITH IT, YOU >>WILL<< BE
>-> > IGNORED!!!!

I sold computers at a local dealership for about a year.
We also built custom computers as well. I was hired because
I had experience building computers from scratch. In March
of '95 we picked up the PB Line and man was I amazed. We
discovered that PB was putting very slow hard drives, very
slow video cards, and other parts that were not what I would
call "current". Our 486 DX2-66 computers would exceed the
performance of PB's Pentium systems up to 75 Mhz. We also
built 486 DX4 80 & 100 systems that blew the socks off PB's
Pentium 90 & 100 systems. What gives??? Their poor
supporting hardware (HDD, HDD controller, Video controller)
seems to bottleneck what is otherwise a fantastic processor.
As far as service was concerned, when someone had a problem,
we simply exchanged the computer for up to 1 year!! We were
the #1 PB dealer in the area so we could easily make PB eat
it or drop their line!

My suggestion to computer buyers is to build your own!! If
you don't know how, find someone that does. You can then
hand pick each piece that goes into it and get a good
performance machine. Another rule of thumb I use is to NEVER
buy a computer based on the software packaged with it. It is
only a sales gimmick!

Price wise custom built computers run a little higher but the
performance advantage is worth it in the future. And by
hand picking good, brand-name parts, you'll have less service
problems.

btw...we commonly referred to the PB as our best POS (Piece of
$hit) computers!

Jim Dear, KG5VE
jdear@mail.bayou.com

4921. Re: Connecting computers over radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DIz0oH.6Dp@iglou.com>
Source record: 209365
Cross-posted to: rec.radio.shortwave,alt.radio.digital,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

Forget it. Use phone lines for that kind of speed. Only microwaves allow
that kind of bandwidth!

R.Post (rpost@nijmegen.inter.nl.net) wrote:

: On 1 Dec 1995, Dan Axelrod wrote:

: > Hello all.
: >
: > I am interested in an interesting idea that I have for my computer:
: >
: > I want to connect the computer to another one over the radio waves.
: > I need it to be running 24 hrs a day 7 days a week. It has to broadcast
: > over about a 60 mile range. And have a speed of about a 28.8 modem.
: >
: > Preferably I would want a full-duplex connection just hooked up to
: > modems on both sides. But other similar ideas I want to consider for
: > myself too.
: >
: > I live in the US, and in fact I want to transmit from the east cost of New
: > Jersey to Long Island NY.
: >
: > I thought that maybe SW radio would be good, since it's a. not regulated,
: > and b. can bend over the horizon.

: SW radio is regulated CB is not. usually CB does not bend over the horizon.
: To use SW radio you need an amateur licence...
:
: >
: > Does anyone know how possible, leagal and/or expencive is this project?
: >
: possible, yes. If you've got the licence it's even legal, but still then not
: appiciated by other ham's. If you are using CB you'll find the chanels to small
: (close together) to use 28k8, common practice on CB is 1k2 or 2k4. This
: is due to the bandwith required to transmit 28k8 over loger distances
: while leaving some s/n ratio at the receiving end.
: 1k2 is not expencive, a few bugs for the modem is all you need to spend.
: If you're willing to learn for the licence, the ham-radio packet-network
: might come close to your needs.

: If you want to know more about hams just ask an american ham. Maybe you
: should reed rec.radio.amateur.digital.misc for a while.

: cu Remco.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4922. Re: IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <49ooti$c7q@tilde.csc.ti.com>
Source record: 209366

>Full break-in CW isn't exactly rocket science. Why >can't these guys
>get it right?
>
>73,
>
>Jack WB3U

Jack, Well Said....During this year's CQWW CQ contest, I could tell exactly which stations were using an Icom rig in full breakin with an amplifier. Every JA's first call was chopped and therefore copied as OA. The QSK and t/r startup are so slow in their rigs it chopped off the entire first dit. Ten Tec had it pretty well ironed out, Yaesu was getting closer in the 890/990/1000 series rigs, but ICOM _still_ cant get the blasted QSK correct. I had a 751A and that was the only real complaint....QSK stunk above 35 WPM and became very "choppy" with about 1.7:1 dash/dot ratio or less. My old Harvey Wells Transmitter and Drake r4b with dow-key relays worked better than these fancy new rigs. Oh well..offa the soapbox now.

--
73 from Joe Fitter BV/N0IAT Taipei, Taiwan R.O.C.

QRV on the WARC bands and looking for WAS 3 BAND WARC
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

4923. Re: Yaesu Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <49onfi$3tb@ixnews2.ix.netcom.com>
Source record: 209367

In <cbq.60.00088130@glenqcy.glenayre.com> cbq@glenqcy.glenayre.com
(Curtis Quist) writes:
>
>Does anyone have the address or phone number for Yaesu. If so could
you
>please email them to me. My address is cbq@glenqcy.glenayre.com
>
>thanks ahead of time
>curtis

Yaesu's Address is:

YAESU USA
17210 Edwards Road
Cerritos, CA 90703 USA

(310) 404-2700

4924. Re: Japanese CW Key Manufacturer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <49opl4$c7q@tilde.csc.ti.com>
Source record: 209368

In article <Paul_N_Nix-0112951626190001@paul_nix.aud.alcatel.com>,
Paul_N_Nix@aud.alcatel.com says...
>
>Can someone confirm the name of a Japanese CW key
>manufacturer as "Hi-Mound"?
>

Yes, this is correct. They make an entire line of CW straight keys,
paddles, electronic, and reed-relay keyers. They are popular in JA
and are easy to get ahold of (like a Bencher or Vibroplex in the USA).
Any JA ham magazine will usually have 1 add for the Hi-Mound paddles.

I dont have model numbers here, but I lived in Japan for about 3 years (Tokyo)
and have lots of ham buddies still up there. We chat daily too, so no
problem if you need some info.

As for products, I was impressed with their top-of-the-line keyer/paddle
combination. It is relay driven (you can hear the little relay inside the
unit clicking away), not transistor switched. The base is made of white
marble and chrome (very _heavy_ base) and the keyer/paddle are 1 single
unit like the old Heathkit keyer. The paddles themself are made from clear
plastic that has a polished beveled edge. The paddles are also very closely
spaced together (like a side-swiper), so finger travel is minimal. Cost is
about JPY 20,000 or about US$ 200 bucks. This was about 8 months ago before
moving down to BV2-land.

Happy CWing or CW collecting!

>I believe that, in the last 2 or 3 years, one of
>the U.S. ham magazines mentioned that there's a
>ham who's importing them into the U.S. Can someone
>provide that information? (maybe a K8 ?)

Sorry, cant help. I think the K8 is importing the Kent or G4ZPY
paddles from the United Kingdome. Perhaps it's the same guy.

--
73 from Joe Fitter BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

4925. Re: Yaesu Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: barry@valonline.com
Message-ID: <49oahb$bds@nikita.intelenet.net>
Source record: 209369

cbq@glenqcy.glenayre.com (Curtis Quist) wrote:

>Does anyone have the address or phone number for Yaesu. If so could you
>please email them to me. My address is cbq@glenqcy.glenayre.com

>thanks ahead of time
>curtis

17210 Edwards Rd. Cerritos CA 90701
800-255-9237 310-404-2700 FAX: 310-404-1210

4926. Dual receive with 2 hf radios?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: no9z@prairienet.org
Message-ID: <49pq25$jfb@vixen.cso.uiuc.edu>
Source record: 209370

I have 2 HF rigs and was curious how others inter connect 2 HF radios for dual receive in contest operation. What do you do to prevent damage to one or the other radios. I want to use the same antenna for both. I can split receive audio out from the icom 761 thru the external jummper on the back. What slick ideas have some of you come up with?
--

4927. Wanted: Icom IC-2530 Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: Bootlegger@msn.com
Message-ID: <00001fed+0000203e@msn.com>
Source record: 209371

Wanted:

I need the extended TX/RX mod for the Icom IC-2350. The mod posted by
G4OXY doesn't seem to work on USA radios.
Any help would be appreciated.

73 de N9MSS Bob

4928. HELP! Mod for IC735

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: stan@hic.net
Message-ID: <49ptf0$51u@news.hic.net>
Source record: 209372

Can someone help me with a mod that will allow me to transmit on the marine frequencies with my IC735?
I'm planning on doing some extended cruising in the not too distant future and it would be nice to be able
to get on those frequencies.
73 KK5AZ

4929. Re: TS450SAT for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: rxbobxr@globalone.net
Message-ID: <49pe2m$gd6@news.global1.net>
Source record: 209373

In article <49bjp9$mkq@shellx.best.com>, sidell@shellx.best.com (Ron Sidell) says:
>
>Hi,
> I'm selling my HF rig, mainly because I never use it. The rig is a
>Kenwood TS450S-AT in mint condition, covering all Ham bands from 160 -
>10 meters. It is also an excellent general coverage receiver, covering
>from 50 kHz to 30 MHZ continuous. It has a built in antenna tuner, and
>the extra cost narrow band voice and cw filters are installed. Other
>features include: built in automatic antenna tuner, 100 memory
>channels, tunable AF notch filter, speech processor, and more!
> A brand new TS450S-AT goes for about $1300 at HRO (discount from $1759
>list price). I'm willing to part with mine for $1000, or best offer.
>Please contact me via Email at: sidell.ron@gene.com if you're
>interested.
>
>Ron
>Hi Ron -- Name is Bob -- what kind of power supply are u running with the
kenwood??? is it for sale also ?? also what Mike ?? desk type or not ???
Thanks for info and where r u located ?? Bob WB2FLX scotia N.Y.

4930. Re: AZDEN PCS-5000 2 meter rig Phase Lock problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: kaboom@usit.net
Message-ID: <kaboom-0212950204440001@arcade-slip2.dynamic.usit.net>
Source record: 209374

UL means "unlock," and indicates that the phase-locked loop is unable to lock. It is NOT a microprocessor problem. You can reset it all day long, and it won't help. Usually, it's a problem with a tuned circuit the PLL is unable to bring to proper frequency, but it could be something else. Unfortunately, Azdens seem to have this kind of trouble very often. You need to send it in for service- it takes a pretty skilled tech to fix problems like that. Good luck, I hope it works out.

4931. GE VHF RX Preamps

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: kckm@aol.com
Message-ID: <49pott$i72@newsbf02.news.aol.com>
Source record: 209375

What active device is used in the GE UHS VHF RX preamps. I do not have a schematic of the preamp. Is there a readily available replacement?

4932. Re: Which HF Vertical

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <49poun$i7g@newsbf02.news.aol.com>
Source record: 209376

In article <0099A2F5.7B8A68E1@netins.net>, crcarlson@netins.net writes:

>Steve I would differ with you on this. Generally what you say is true,
but as
>one raises
>the feedpoint of a vertical it becomes more effecient. Granted a
>common-garden-variety
>type vertical like my real old 14 AVQ shouldn't be used without radials
but
>some verticals
>are designed with an elevated feedpoint so as to do away with radials.
The
>ideal case in
>point would be a dipole, made half wave length, tilted on its side. One
would
>NOT want to
>put radials on such an antenna. The gap works on the elevated feedpoint
>principle. Read
>some of the stuff Kurt N Sterba says in WorldRadio about this.
>Anybody see any holes in what I say here?
>Peace
>WB0FDJ

Hi Mr. WB0FDJ,

I disagree with that. Contrary to what Mr. "Sterba" thinks, he does make errors. Let me explain the flaw in the theory he supported.

Feedpoint location is not directly related to efficiency. Major changes in efficiency, in an antenna of given length and conductor loss, come from changes in current distribution and level.

We know antennas radiate the strongest EM field from the current maxima, but they also radiate from any area that has current flow. That radiation causes electrons to flow in any conductor in the area of the antenna (and even throughout the universe)! The only thing that stops the efect is shieding or cancellation by having an exactly equal and opposite "movement".

Let's look at the GAP. The hype is that the "elevated gap radiates, and keeps the radiation far above the earth". The gap doesn't radiate, the current displacement does. A base fed half wave vertical has a gap at the base, yet it radiates primarily from the center! A pair of stacked 1/2 waves called "two half waves in phase" has a gap in the middle, but the main radiated field comes from the unbroken center of each half!

The current maxima of the GAP isn't even at the feedpoint (gap), because it is an asymetrical vertical. And ground losses are identical to what they would be if the conductor was broken and fed ANYWHERE in the structure! It's all hype. (Instead of a lightning bolt leaping from the "gap" it should be a little tiny spark. ;-))

For a given vertical radiator length under 1/2 wl, maximum efficiency always occurs if the radiator is worked against a good ground system. Especially if the current is as large as possible over the entire length of the radiating structure. That's why the Uni-hat blew the GASH away in a test with real FS meters, and why a ground mounted vertical with a modest radial system got much better reports in QST's review. My ground mounted MFJ quarter wave and a Butternut with radials both killed a GAP here (I've done the A-B tests). They even mis-apply an IEEE paper about an asymetrical BC band vertical 1/2 wl tall that was fed against six full length radials 1/4 wl above earth at the feedpoint. That doesn't look anything like the GAP, yet they quote the conclusion of that veryticals performance in their ads! Hype, hype, hype.

If you can't have radials, and need a vertical, use a groundless vertical. It'll get you on the air. If you can put in a modest ground, use a regular vertical. You'll be much louder. That goes for ALL groundless verticals, not just the Gash.

I agree fully with Steve Miller. Ole "Kurt" is in orbit on this one.

73, Tom

4933. Re: Ham equipment does not HAVE to be so expensive...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: kyrrin@wolfenet.com
Message-ID: <kyrrin.885.037B2E92@wolfenet.com>
Source record: 209377

>But... if you ever have the opportunity to "elmer" a new ham,
>be sure to fill him/her in on the real-world facts about what
>kind of gear is out there.

Amen, brother! ;-) There's no way I could ever have gotten a tenth of the test and computer gear I've been fortunate enough to find, had it not been for the used/surplus market combined with patience, persistence, and a lot of self-taught material.

73, de WD6EOS...

==Bruce

4934. Re: rechargable alkalines- comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: faunt@netcom20.netcom.com
Message-ID: <FAUNT.95Dec2105017@netcom20.netcom.com>
Source record: 209378

BTW, if you want these, keep in mind that the chargers (at least the ones I've bought) come with several $0.50 coupons for packages of batteries, so if you buy the charger and open it before you buy the batteries, you can save a dollar or so. They also come with a coupon for $3.00 off on another charger, so if you cooperate with your friends, or buy other chargers, you can save a bit more.
73, doug

4935. Re: Help with a project

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <49q46n$7nl@crash.microserve.net>
Source record: 209379

axn110@psu.edu (Adam Newlin) wrote:

>Hi, I need help with a project, <<snip>>

Adam,

I would not under any circumstances attempt to place that unit on the
air on 2M. The circuit is not nearly sophisticated enough for the
modulation control or frequency stability required in our service.

73,
Jack WB3U

4936. Help ----> Aerotron radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: hillgen@remus.rutgers.edu
Message-ID: <49q6lo$1g@remus.rutgers.edu>
Source record: 209380

I know that Aerotron is no longer in business, but I nned to know where I might find manuals and/or parts for a couple of old aerotron 900MHz mobiles. Any help appreciated. Thanks!
Jay

4937. Re: UHF GE Mastr Exec Conversion Info Sought...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <49q9avgs1@mhafn.production.compuserve.com>
Source record: 209381

To convert them to amateur use, do yuo mean rptr service or user
service in vehicle?

To use in the amateur band, merely rextal and retune!

To use as a rptr calls for additional mods....

and I have them if you need them

73
Chris

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT PG-9-5322 FCC Commercial

4938. Re: Kenwood TS430 Q's

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: brian@nothing.ucsd.edu
Message-ID: <49p8m7$e88@news1.ucsd.edu>
Source record: 209382
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

jbaltz@watsun.cc.columbia.edu (Jerry B Altzman) writes:
>Unfortunately, there came with it no power supply. Can someone
>recommend a good, reasonably cheap power supply to run this beaut?

A boat battery sitting in a dishtub and attached to a battery charger?
Less than $100 total and even works for a while when the lights are out.
- Brian

4939. FT-747 & SB-1400

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: n7chs@aol.com
Message-ID: <49pk6p$h4g@newsbf02.news.aol.com>
Source record: 209383

I understand that these radios are identical, correct? Will Yeasu accessories, specifically the remote head kit (RMK-747), work with the Heathkit radio?

Thx for your time,
Chuck Berry
n7chs/4

4940. HELP need RX/TX mod for ICOM 738

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: Martin.Rask@mailbox.swipnet.se
Message-ID: <49p8mb$2u4@mn5.swip.net>
Source record: 209384

Need a mod file for ICOM 738 for extended RX/TX can anyone help me ??
thanks in advance and 73's de SM7VHS Martin in souteast part of Sweden

E-mail: Martin.Rask@mailbox.swipnet.se

4941. Re: Kenwood TM-241 Aircraft Recive

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: hgoldste@bbs.mpcs.com
Message-ID: <49pica$b8l@news1.mpcs.com>
Source record: 209385

On 30 Nov 1995 00:42:51 GMT, Jim Boyett <jimbo@sr.hp.com> wrote:
: Robert Bickel (rbickel@ccnet.com) wrote:
: : I've got a Kenwood TM-241 and it exhibits very low sensitvity on the AM aircraft band.
: : I'm told that some are better than others and wonder if anyone knows of a fix. I checked
: : the mods listings at BARC and found nothing on the rig. Any comments are appreciated.
:
: I just purchased a TM-241A and haven't heard anything on the aircraft band
: yet. I was just wondering how it knows to use AM for the 118-136 freq and
: FM for the 144-148 freqs. I don't see any info in the users manual on this.

As Robert says, the sensitivity in the aircraft band is pathetic. To verify that your thing is working, ask a pilot who lives near you for the center frequencies, and maybe try unicom (122.7, 122.8, 123.0) for nearby uncontrolled airports.

I love my 241A but airplanes 15 miles away in the pattern are barely audible. I guess there's some tradeoff between sensitivity and selectivity in the ham band; I'll take the latter.

My only real complaint about the 241A's AM performance is the large difference in squelch and volume calibration between AM and FM. That problem could have easily been solved without sacrificing selectivity, but it wasnt...

--
Howard Goldstein <hg@n2wx.ampr.org> http://www.tapr.org/~n2wx/

4942. Yaesu Day Sat Dec 2nd

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: GCLL54A@prodigy.com
Message-ID: <49omvb$ld2@usenetp1.news.prodigy.com>
Source record: 209386

Yaesu Day at Ham Radio Outlet in Phoenix 10:00am to 5:30pm
Saturday Dec 2nd. Yaesu representatives, special discounts, hourly prize drawings.
At: Ham Radio Outlet
1702 W. Camelback Road
Phoenix, Az 85015
1-800-444-9476 in AZ, NM. or West Texas or 602-242-3515

4943. Re: HT speaker/mic connector

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: kaboom@usit.net
Message-ID: <kaboom-0212950214230001@arcade-slip2.dynamic.usit.net>
Source record: 209387

Assuming you are talking about a modern rig (not an older FT-208R or something else with a weird connector), you can easily make one yourself from Radio Shack parts. I've made several. All you do is buy the two plugs (both are standard items), plug them in, then use a little masking tape to hold them in their relative positions. Now, remove them from the radio and hot-melt glue around them to keep them properly separated. It might take you a couple of tries to get the hang of it, but you can do it. It doesn't look pretty, but it works. Good luck.

4944. Kenwood TS-850 SAT New Pricing

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: billrobb@serv01.net-link.net
Message-ID: <49o8r6$ud5@leol.net-link.net>
Source record: 209388

Many of you have been asking about accessories for the Kenwood TS-850SAT that I have for sale. So, I am going to price the package of the TS-850 with auto antenna tuner, 500 hz filter for the first IF, 500 hz filter for the 2nd IF, 270 hz filter for the first IF (these filters can be cascaded), the MC-80 microphone, SP-31 external speaker with audio filters, boxes, manuals and power cord.

After calling a major ham dealer I found the pricing for this rig would be $1,400 with one cw filter. The other accessories would total $470. Total package would be $1,870.

My price for the package is $1,600.

Bill....WA8CDU

Days 616/375-7978

4945. Re: receive overload on ts-520s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <49pfgr$6ql@safety.ics.uci.edu>
Source record: 209389

In <49kkeh$qra@ncar.ucar.edu> tomas@ra.cgd.ucar.edu (Bob Tomas) writes:

>I've tried using the attenuator button (20 db); not surprisingly, this helps
>a little. I've also tried turning of the noise blanker (thanks to the reader
>who provided the suggestion); not sure if this helps or not yet. The less

>1) Is this a well known problem with these old rigs?

Yikes! Your 520 may be better than the NEW rigs! It is a well known
problem with ANY rig when you are that close to another strong station.
The only rigs I know that really handle it well is the Drake lines
and Collins rigs. My Ten Tec OMNI is pretty darned good, but not as
good as the old rigs at it.

>2) Is there a mod that will/may help?

There may be nothing you can do to eliminate it completely depending
on the proximity and power those stations are putting out. However,
you can try several things to reduce it. The ATT and NB suggestions
are good ones.

DO you use a very sharply peaked antenna tuner? This may help. Ask
around to find guys who use tuners that need readjustment every time
they move 25 kHz....that would be a good one. Then put it in line
and test it out. It might help.

Also, if you know where these other stations are, you can attempt to
put your antenna at right angles to them. I suspect this may give you
a few db.

>3) If my poor uncle were to leave me several hundred dollars, are there used
> rigs out there that deal with strong signals better?

The Drake C line is cost effective and works well. It just might
handle your problem. You would do well to find one with the "Sherwood
mods" as it is designed to handle just this situation.

>4) If my rich aunt were to leave me several thousand dollars, are there new
> rigs out there that deal with strong signals better?

Probably not, though many may disagree. Read the articles on receiver
design in the last few QST's for a good discussion about why.
There certainly are new ones that do relatively better than others
though. Go up the cost ladder and you generally get that. My
Ten Tec OMNI VI does very well for a newer rig.

>By the way, I operate cw almost exclusively (as do my neighbors) and the
>rig does not have the cw filter installed.

OH! Get a sharp filter right away! Try calling IRCI if you have the latest QST (they are in the classifieds, they sell filters) and get a good one. This may help a bunch, and is not expensive.

Clark
WA3JPG

4946. Re: AZDEN PCS-5000 2 meter rig Phase Lock problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <49oo7n$384@nile.intac.com>
Source record: 209390

In article <49o7pf$2ac@hermes.athenet.net>,
Chuck Hanson <crhanson@pop.athenet.net> wrote:
>I have a Azden PCS-5000 2 meter rig that has a problem with the phase
>lock circuit or something. When the rig is turned on the display shows
>"UL" and not the frequency of the programmed channel.
>
>I have reset the microprocessor many times and nothing changes. The
>radio does nothing except show "UL" in the display. . .no receive, no RF
>power, no speaker noise. The buttons have no effect, just the power
>button works.
>

I must preface the following by saying that I have not worked on a PCS-5000,
but have had extensive experience on the PCS-3000 and PCS-4000.

One of the most common problem with the earlier versions of your radio is
having the PLL unlock. There were 3 common causes for this problem, number
one of which was supposed to have been fixed with the late model '4000's.

1. The display was illuminated by two tiny 'grain-of-wheat' bulbs, each
designed for 6 Volts. These were put in series and powered directly from
the 12 V supply with no current limiting resistor. Now, you may wonder
"What the @#$@$ is this guy doing telling me about pilot lights for?"
The answer is that Azden, in their infinite wisdom/stupidity (circle one)
used this lamp circuit as a part of an RC timing circuit to properly
sequence the microprocessor for power-up and power-down. If either of
the bulbs blew out, not only did you lose the illumination of the control
buttons, but the microprocessor stood a good chance of not being able to
'boot' properly, thus leaving you in the unlocked and uncontrollable
condition described above.

The fix for this, besides replacing the defective lamp, is to put a
1K Ohm, 1/4 Watt resistor accross the TWO lamps in series. This is a
sufficiently low enough resistance to allow the micro to sequence, but
not adversely effect the lamps. This fix came from the techs at Amateur
Wholesale Electronics, Azden's US distributor.

2. The coil in the PLL compartment is wound with wire of an alloy which,
while it exhibits excellent temperature stability, accepts tinning very
poorly. This often results in a cold solder joint after about a year or
two, causing an open circuit in the voltage-controlled-oscillator which
results in unlocking the PLL. It has to unlock, there is no longer any
signal coming from the oscillator!

The fix for this is to de-solder this coil (only a few turns of approx.
20 GA wire) and very carefully tin it with a good quality 63/37 Tin/Lead

solder and a liquid rosin flux. I recommend Kester's Resin 44 (TM) Solder and a 40 - 60 watt iron. DO NOT use a GUN unless you remove the coil from the radio first!! Carefully tin the two ends and re-solder to the PC board. It also wouldn't hurt at this point to touch up the soldering on the rest of the components in the PLL compartment. After doing this, make sure there is still a very LIBERAL amount of Beeswax on the component side of the board in this compartment, otherwise you may introduce microphonic action. Observe fix number 3 below.

3. The two PC boards that make up the transmitter exciter and the receiver are mounted to the frame with a series of screws spread out over the perimeter and a few in the middle of the boards. Over time, especially when the radio is used in a mobile application, these screws loosen up, causing the radio to lose a critical ground connection. That's right, they depend on mounting screws to connect certain board traces to chassis ground! This can not only cause unlocking of the PLL, but also loss of power on transmit.

The fix here is simply to tighten the ALL of the screws used to mount the two boards and cover the heads with either a coating of Glypt or nail polish or lacquer. This will offer some protection against them loosening again as well as an indication if they have. Make sure to verify proper operation of the radio before putting the covers back on.

Again, I have no way of knowing if these problems were still present in the PCS-5000. I switched brands after the first two. :) However if your radio is constructed in the same way, two large circuit boards mounted solder side to solder side, and mounted to the extruded side rails, then some or all of the above may be your answer. Good luck and hope you can fix it.

73's
Gary, WA2BAU

4947. GE MPS Handheld Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: sidener@crunch.nuc.umr.edu
Message-ID: <49ps8c$hef@hptemp1.cc.umr.edu>
Source record: 209391

I currently have a GE MPS hand held radio. It looks like it would
handle 64 channels and tones, but other than that I don't know much about it.
I was wondering if anyone has had experience with these radios?
(136-174Mhz)
Are they any good?
How easy is it to program?
What can be programmed? (tone?) (offset?)

What is one worth?

(I may buy another because I have the mobile audio-amp-charger-speaker-PA combo.)

Please let me knpw what you think.

Thanks,

Scott Sidener N0WFL sidener@umr.edu

4948. Re: IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DIytxu.20J@iglou.com>
Source record: 209392

I asked ICOM about this and their out is " there's only a few high speed cw ops". Well fooey! Let me first say that the characters are shortened at ANY speed, slow or fast. It just sounds WORSE at higher speeds. The way a rig should work is, When I tell it to make a dot of X length, it should do so, not wait for X amount of time then produce a shorter dot. This is comparable to distortion on phone!

Icom, the word is out on this and many cw ops are flocking to buy TS-50's now instead of IC-706's. TS-50s are getting cheap on the used market now.

: >A few don't care for full break in as it does not
: >respond fast enough for those 35+ Wpm CW op's on full
: >break-in well.

: Full break-in CW isn't exactly rocket science. Why can't these guys
: get it right?

: 73,

: Jack WB3U
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4949. Re: TEN TEC SCOUT...GOTTA LOVE IT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <10649.817930535@safety.ics.uci.edu>
Source record: 209393

In rec.radio.amateur.equipment you write:

>I had a used Scout for about a year (sold it recently to buy a new
....
>Some things the Scout did NOT have that would have been nice:
....
>mic, mobile mount, and the noise blanker, you've spent over $800.
>For under $200 more, you can buy the Kenwood TS-50S or the Alinco
>DX-70T, which do a lot more than the Scout and have far better
>receivers. If you don't need all the bands, however, you can buy

Doesn't the variable filter work fairly well? That would mean you would need to include the price of a CW and SSB narrow filter in the Alinco and Kenwood prices to compare with the full band module Scout.

Now, the interesting question, what do you mean by "better receiver"? I am genuinely curious. I have used none of the receivers you list, so I can't tell myself. I only have the word of several users of the TS 50 who complain of overload. Maybe the Scout has the same problems? Lots of filter blow-by, too? I suppose that small boxes almost mandate the compromises that would result in these problems.

I really appreciate the comments. I am beginning to become very, very interested in receivers and their relative performance.

Clark
WA3JPG

4950. Re: Connecting computers over radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: swulchin@freewave.com
Message-ID: <49qnp8$d8r@news-2.csn.net>
Source record: 209394
Cross-posted to: rec.radio.shortwave,alt.radio.digital,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

danax@interport.net (Dan Axelrod) wrote:
>Hello all.
>
>I am interested in an interesting idea that I have for my computer:
>
>I want to connect the computer to another one over the radio waves.
>I need it to be running 24 hrs a day 7 days a week. It has to broadcast
>over about a 60 mile range. And have a speed of about a 28.8 modem.
>
>Preferably I would want a full-duplex connection just hooked up to
>modems on both sides. But other similar ideas I want to consider for
>myself too.
>
>I live in the US, and in fact I want to transmit from the east cost of New
>Jersey to Long Island NY.
>
>I thought that maybe SW radio would be good, since it's a. not regulated,
>and b. can bend over the horizon.
>
>Does anyone know how possible, leagal and/or expencive is this project?
>
>(e-mail is prefferable)
>Dan Akselrod
>------------
>http://menger.eecs.stevens-tech.edu/~danax
>mailto:danax@interport.net
>

FreeWave Technologies makes a spread spectrum modem that, depending upon conditions, might be able to meet your needs. With clear line of sight we can transmit full duplex 115 KB data over 20 miles.
Under ideal conditions much greater range can be achieved (recently a customer of ours had a 90 mile link from Mt. Everest to
Kathmandu with a 5 watt amplifier on only 1 end). The product can also be used as a store and forward repeater. Therefore,
with a combination of directional antennas, good line of sight, and a repeater or two, our product can do the job. Please let
me know if you would like some more information.

Steve Wulchin
FreeWave Technologies
(303) 444-3862
(303) 786-9948 Fax

swulchin@freewave.com

4951. Swan 250C problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: gregp@primenet.com
Message-ID: <gregp-0212951524170001@ip204.msp.primenet.com>
Source record: 209395

I have a Swan 250C and a couple of the tubes get extremely hot. The audio is low and kind of muffled (one of the tubes that gets hot is the audio amp).

I've checked all the tubes and they're good. I replaced a resistor that had burned and broke in half. Checked for other stuff that has obviously gone bad. The heater voltages on those two tubes are what they should be.

Is anyone familiar with these things and can point me in the right direction?

Thanks...

Greg Putrich / gregp@primenet.com [II]

PGP-Key 27E97EBD = 62 0E B9 A2 45 D2 64 AC 8A B4 6D 9D 5B 23 90 1F
So little to do, so much time.

4952. Pls Help W/ TenTec 570 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: jhschutt@figmnt.tayloru.edu
Message-ID: <1995Dec2.222903.2602@figmnt.tayloru.edu>
Source record: 209396

Hello folks!

Can someone tell me a fair price for a TenTec Analog #570 (Century 21) 10-80MCW Xcvr? It also has a TenTec keyer and an old MFJ Tuner. I have the pooprtunity to buy this radio, and the seller and I would like to know what a fair price is. The radio is in excellent condition. He told me that he thought that the keyer was about $75 new and that the tuner was about $100.

Also, can anyone tell me if they have used one of these rigs and what their opinions are? I know that it's CW only. My son and I are just trying to get on the HF bands. It has 5khz (hope that I have my units correct) , 2.5 khz, and 1khz filters. Will they be good enough? Does a newer filter fit it and is it needed? I've been reading about 500 hz (?) filters.

Boy, thanks for helping a newbie!!

Either e-mail or post here. THANKS!
--

John Robert Schutt /\ jhschutt@tayloru.edu
Taylor University- Fort Wayne //\\ (219) 456-9061
1025 W. Rudisill Blvd. ///\\\ FAX: (219) 456-2119
Fort Wayne, IN 46807 ||

4953. Re: Kenwood TS-850 SAT New Pricing

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: cunliffe@eznet.net
Message-ID: <49pq3e$r8k@roch3.eznet.net>
Source record: 209397

billrobb@serv01.net-link.net (William C. Robbins) wrote:

>Many of you have been asking about accessories for the Kenwood
>TS-850SAT that I have for sale. So, I am going to price the package
>of the TS-850 with auto antenna tuner, 500 hz filter for the first IF,
>500 hz filter for the 2nd IF, 270 hz filter for the first IF (these
>filters can be cascaded), the MC-80 microphone, SP-31 external speaker
>with audio filters, boxes, manuals and power cord.

>After calling a major ham dealer I found the pricing for this rig
>would be $1,400 with one cw filter. The other accessories would total
>$470. Total package would be $1,870.

>My price for the package is $1,600.

I bought the same pagage but with DRU-2 digital recording unit and 50A
Astron power supply in mint cdx.for $1300 3 weeks ago.
John R. Cunliffe N2NEP
cunliffe@eznet.net
fax# 716-359-9368
http://home.eznet.net/~cunliffe/

4954. Help an unpaid comm. intern & new ham?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: Scott Van Aartsen <svanaart@nwciowa.edu>
Message-ID: <49p2bs$45k@news.iastate.edu>
Source record: 209398

I can't believe I've resorted to this, but -- radio has interested me for a very long time, and it is one of my favorite hobbies, as well as at least part of my intended vocation. I just recently became KB0ULA, technician amateur radio operator. I've heard a couple of 2-meter repeaters in my area, on my scanner, and would sure like to try my new call letters out. I have no amateur gear as of yet, unless you count my scanner and "11-meter" (cb) rig. .... ..

Anyway, I would be very appreciative if anyone could point me in the way of a (very) cheap 2-meter rig. Right now, I'm not fussy if it's mobile, hand-held, base unit, or otherwise.

I am completing my college degree in communication studies, so soon, on top of not getting paid for my internship, my college loans will come due. A great time mentally to start out in ham radio, but not financially. Hope someone can help.

Also, if you could, please send any responses via e-mail, as I do not have access to my account at college very often to check news.

Thank you so much,

Scott Van Aartsen,
KB0ULA

4955. AZDEN PCS-5000 2 meter rig Phase Lock problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: Chuck Hanson <crhanson@pop.athenet.net>
Message-ID: <49o7pf$2ac@hermes.athenet.net>
Source record: 209399

I have a Azden PCS-5000 2 meter rig that has a problem with the phase lock circuit or something. When the rig is turned on the display shows "UL" and not the frequency of the programmed channel.

I have reset the microprocessor many times and nothing changes. The radio does nothing except show "UL" in the display. . .no receive, no RF power, no speaker noise. The buttons have no effect, just the power button works.

Have you every had a problem like this? Any constructive advise or ideas as to what might be causing the problem? The radio was working great and one day when I turned it on the "UL" showed up on the display and hasn't gone away. The radio is "to good" to toss out.

Thanks for any help :-)

Chuck N9OEQ Appleton, WI

73

4956. Re: Hal P38 - Clover Solution for a Laptop ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: bart@wb6hqk.ampr.org
Message-ID: <DIz02F.E67@wb6hqk.ampr.org>
Source record: 209400
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital

In article <1995Nov23.174903.29331@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <marchDIEv64.48L@netcom.com> march@netcom.com (Marc Hall) writes:
>>
>>I would like to do Clover using my Toshiba 2400 Laptop which the lacks the
>>internal slot to support the P-38 Card. By its name the PCI-4000 would
>>seem to require a PCI slot. Are there any Clover solutions based on
>>PCMCIA cards or which would communicate with the laptop via a serial or
>>parallel port ?
>
>I believe the PCI-4000 is an EISA slot card too. HAL's naming conventions
>and the computer industry's naming conventions don't have much in common.
>But to answer your question, there aren't any external Clover boxes that I
>know about. Only the two HAL plug in cards. HAL has made happy noises about
>being willing to license the code, and there's a good enough Clover spec
>that someone else could whip up their own implementation. I haven't heard
>of any of the box makers making happy noises about doing it though.

I just received a datasheet from Hal describing the DSP4100 which appears
to be a standalone PCI-4000 which communicates with the host via RS-232.
The datasheet even claims the DSP4100 is particularly well suited for
use with lap-top terminals in a portable and/or field environment :-)
I wasn't able to get a price for amateur applications but the fellow
I spoke with said it had recently been introduced into 'other' services
and would probably be marketed into the amateur radio service sometime
soon. I expected pricing but didn't get it in the mailing but I would
expect it to be more expensive then the PCI-4000 due to the more elaborate
packaging.

I'm quite interested in investing in either Clover or Pactor myself to
put together a NVIS data link for use while in the field.

bart wb6hqk

bart@wb6hqk.ampr.org

4957. Great for ARES/RACES Use

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: jpcirone@aol.com
Message-ID: <49qna7$r0o@newsbf02.news.aol.com>
Source record: 209401

FREE PAGER FACT SHEET (Prices/Spec subject to change without notice)

FOR YOUR PROTECTION, WE ARE A PARTICIPANT IN THE BETTER BUSINESS BUREAU CUSTOMER SATISFACTION PROGRAM !!

- PAGER COST - FREE !!! (retail value is $ 75 to $ 85) Activation is required
at time of order.

- Basic service is just $9.95 per month, billed quarterly.

- No long term contracts or credit checks !

- Special Discount - Accounts who order 4 or more pagers receive a discounted
rate of just $8.95 per month !

- All pagers are NEW and carry a 1-Year Manufacture's limited warranty.

- Pagers are shipped with Black cases. Requests for color cases will be honored, subject to availability and additional cost.
- Minimum pager features include, but are not limited to the following:
Standard Features:

- Local telephone number to access pager
- Digital display PLUS 9 CUSTOM-PROGRAMMED (from your own phone) preformed (FOR ARES/RACES - Can include call-out & frequency info, etc.)
Alpha messages.
- 18 telephone number memory
- Each call is time stamped
- 4 Tones and silent/vibrate mode select switch
- Basic service covers a radius of approximately 250 miles

Optional Features:

- 800 telephone number access
- Voice Mail
- Dual Area Code telephone access (Same Pager Number)
- Nationwide Paging with 800 telephone number access

- One time activation fee of $37 for programming and phone number selection.

- In Summary - After activation, the Pager is YOURS to Keep ! - This is NOT a lease ! - At time of order - a deposit is required for the first and last month of service (non-refundable), along with the one-time activation fee, and a $ 3.00 shipping charge. (Grand Total - $ 59.90 - Provides FREE Pager and 2 Months of Service - Each additional month of service is just $

9.95 per month, billed quarterly)

- Check, Visa, Mastercard, American Express are accepted for payment.

100% SATISFACTION GUARANTEE - CALL US TO ALSO FIND OUT HOW YOU CAN EARN INCOME FOR YOURSELF OR NON-PROFIT ORGANIZATION.

TO ORDER, E-mail your name and mailing address to: jpcirone@aol.com OR call 1-800-473-9934.

4958. Wanted: Harris RF-590 Service Manual! Please Help!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: Lennart.Schander@Mailbox.swipnet.se
Message-ID: <49qnha$sli@mn5.swip.net>
Source record: 209402

Where can I get a Service Manual for Harris RF-590? (NOT RF-590A)!
Will pay well - even for the shipping to Sweden.

Regards from Lennart (SM7KWY)

4959. Mods for TH75E

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: Jerry Hewitt <jerry@jhewitt.demon.co.uk>
Message-ID: <113658125wnr@jhewitt.demon.co.uk>
Source record: 209403

Hi ALL,
anyone got any mods for a Kenwood TH75E V/UHF handy ?????

Cheers

Jerry
--

| Jerry Hewitt EMail = jerry@jhewitt.demon.co.uk |
| 44DH21SG Packet Radio Mail = G0CUO @ GB7MSF |
| Mail sent via Demon Internet |

+++

ENDS

4960. WTB:TONE ENCODER KENWOOD 7950

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: tomg@mail.ramlink.net
Message-ID: <49piuo$o3l@ram2.ramlink.net>
Source record: 209404

I am interested in the matching tone encoder for the Kenwood 7950 2 meter transceiver. The encoder must be able to be coded for PL tone 103.5. Please send email to tomg@ramlink.net 73 de Tom WA3KQA

4961. ADI Corp. 's ADI-145 Handheld mods please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: l36587@alfa.ist.utl.pt
Message-ID: <49qfdg$mhq@ci.ist.utl.pt>
Source record: 209405

Hello to all, I have a 144MHz handheld transceiver made by ADI Corp (model ADI-145).

I've bought it about 2 years ago from Maplin Electronics in England.

Does anybody have any mods for this equipment ? (extended Rx / extended Tx)

Please send any replies to my email address.

Thank you very much,

--

Pedro Delgado
Email: l36587@alfa.ist.utl.pt

4962. Re: Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: mwalker@interlog.com
Message-ID: <49oj0u$ebe@steel.interlog.com>
Source record: 209406

In <49j2lh$ite@nikita.intelenet.net>, barry@valonline.com (Barry Dorfman) writes:

>Fellow HAMS,
>
>Beware of Kenwood radios "Made in China"
>I have had 2 real bad experiences with them.
>Maybe if we as a group refuse to accept this junk,
>they wont try to stick us with it.
>
>Look at it this way, if you were buying a used radio,
>would you choose the one made in Japan or China?
>
>Anyone have a problem with these Kenwoods?
>
>barry@valonline.com
>
>

If you looked closely, you would have noticed that the TM-241 now has a /P2 label, means that it is the new CPU with improved intermod rejection. I cannot be modified for wide band anymore.

As for the China thing, you are going to find that all vendors are moving their manufacturing to China plants (Motorola has been doing this for a long time, you just never noticed).

The move to China is due to the labour costs in Japan have skyrocketed and they need to find it cheaper as hams don't have any money, and you likely won't pay double the price for a 2M rig.

Even Grundig (a large European company) has moved some of their manufacturing to China.

just my 2 cents worth...

mike walker va3mw

4963. Re: ICOM 2000H Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: myers@West.Sun.COM
Message-ID: <49od58$l11@abyss.West.Sun.COM>
Source record: 209407

In article <49n3r7$5k7@gozer.inri.com>, Bob Fritz <bfritz@sd.inri.com> wrote:
>I'm looking for a site that has ICOM 2000H mods - I can't find them in
>the usual places.

One of these days I'll take my IC-2000H apart and figure it out again,
but I can tell you this; there are one or two sites for jumpers on the
display PCB. Using a piece of wire as a temporary jumper, I connected
each one and cycled the power. I'm not sure which one did it, but I
now have a radio that transmits from 140MHz to 150Mhz (and it only
transmitted from 144-148 when I first received it).

It took maybe ten minutes of messing around.

--
* Dana H. Myers KK6JQ, DoD#: j | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *

4964. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <49qhu4$ap6@odo.PEAK.ORG>
Source record: 209408
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Santa (Santa@northpole.gov) wrote:
: >
: >No, off topic posts are NOT spamming. You should learn the meaning of a
: >term before trying to define it.
: >
: >Note the trimmed newsgroups. Your post WAS a spam.

: No, their yelling back and forth arguing about who's cock was bigger,
: who called who, who fed ex'd what, who's son was a ham, who's annoying
: while they type in all caps.. THAT is spamming. YOUR spamming, telling
: someone the're spamming. Get a life..

A "spam", by net convetion, is a posting to multiple groups - where some of the groups have nothing to do with the matter of discussion. They are usually, but not always, of the "make money fast" type crap.

People sometimes continue the spam unknowingly, when they reply to a post without checking the newsgroups list - and trimming it to the applicable groups.

Your misuse of the word, to provide more emotional impact (apparently) does NOT change this meaning.

I was not saying that the others were spamming the net. Far from it, which you would realize if you bothered to read what I wrote. It is listed above, since you were polite enough to quote the comment. I even trimmed the groups to the radio groups - which are the only ones to which this particular discussion belong.

Bill

4965. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: rhyolite95@aol.com
Message-ID: <49qhdn$p1i@newsbf02.news.aol.com>
Source record: 209409

Yes I remember someone getting the factory fix which involved removing the pump from the tank and installing filters. If I remember correectly the fix was marginal and required more filtering outside the tank. Try some ferrite chokes on the fuel pump leads first and make sure the tank is grounded well.

4966. Info on Ten-Tec 6M xverter?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: markem@primenet.com
Message-ID: <markem.180.0006FDE8@primenet.com>
Source record: 209410
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Does Ten-Tec still sell the 6M transverter kit they offerred a couple years ago? Does anyone have any experience with it? I believe it uses a 20M IF, right? I'm thinking it might be an interesting companion to a 20M SSB QRP rig.

Comments? Opinions?

73... Mark AA7TA

4967. Re: Question about proper operating voltage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-02 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <49o5c8$a7n@news1.sunbelt.net>
Source record: 209411

hillgen@remus.rutgers.edu (Jay Hillgen) wrote:

>I recently picked up a very hefty power supply with the intent of using it
>to power my amateur gear. It's a Trygon Electronics PS1. The meters go to
>10 volts and 100 amps. If it put out even a fraction of that current, I would
>be pleased. The problem is that I have only gotten it to produce 11 volts. I
>believe that my equipment (a mix of solid state and tube) will operate
>effictively from this power source, but I need some opinions before I try it.
>Also, if anyone oth there has any experience with a supply of this type,
>any information about getting it up neat 13.8V would be GREATLY appreciated!
> Thanks,
> jay
> N2OTK

Jay, you might want to try boosting the input AC. There are variable
"autotransformers" available that you can use to boost the AC up to
about 135 or so. This will probably give you what you need, unless it
is internally regulated. If it is internally regulated, then you will
have to adjust the regulation point.

Jerry F. W4UKU

4968. Re: Kenwood TM-732 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <49qsdt$ffn@news2.deltanet.com>
Source record: 209412

I've had my TM-732 for a 3 years, and the screw that holds the hang-up pin stripped and had to be crazy-glued onto the back of the mic. I've also had problems with the remote control keys. The pressing the MR key will either get you the MR function, or the Band Change (PF) This is a majhor inconvience since I use one band to scan most of the time. I have had the mic apart and cleaned the contacts and that doesn't do anything.....

Good luck!
-Mike

larryka@wam.umd.edu wrote:

> Has anyone had trouble with the microphone that comes with the TM-732A?
>I've noticed that if I hold the mic for a while, the functions on the keypad stop
>working. It won't let me remotely control the functions of the radio. When the
>mic cools off, it works again. It seems like it's heat related.
> I'm also wondering if anyone has had trouble with the clip on the connector.
>Mine broke off a couple days ago, after about two years. It looks like I'm either
>going to have to splice on a new connector, or buy a new mic. Any suggestions?

>73 de N2TBX Larry
>

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Mike Krueger - KC6ZSF
mikek@deltanet.com

"Back up my hard drive!?!
I can't even find the reverse switch!"
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

4969. Icom IC-W31a MODS !!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: Keith@unix.asb.com
Message-ID: <Keith.589.002BE8BE@unix.asb.com>
Source record: 209413

```
If you want I got the MOD Sheet for the Icom IC-W31a and it should also work
on the IC-Z1a ... Email me for a GIF of the page....
```

Keith

|===|
| • Keith@unix.asb.com == SLIP/PPP Internet Address • |
| • Keith.Knipschild@asb.com == BBS Internet Address • |
| • Http://www.asb.com/usr/keith == My WWW Page URL Address • |
| • N2NJS@KC2FD.NY.USA.NA == Ham Radio AX25 Packet Address • |
| • 70302,2701 == CompuServe Address • |
| • K.Knipschild == GENIE Address • |
|=== |
^^^

4970. Re: Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <49r5b6$eki@crow.cybercomm.net>
Source record: 209414

Ya know Jack, I never thought of it that way, but wow I feel
even better knowing I saved someones life.. :o\

Steve, wa2nhz

4971. Re: Help ----> Aerotron radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-0212952356040001@grail707.nando.net>
Source record: 209415

In article <49q6lo$1g@remus.rutgers.edu>, hillgen@remus.rutgers.edu (Jay Hillgen) wrote:

> I know that Aerotron is no longer in business, but I nned to know where I
> might find manuals and/or parts for a couple of old aerotron 900MHz mobiles.
> Any help appreciated. Thanks!
> Jay

JAy, I have almost every aerotron manual since day one..can I help you??

mike

redlight@nando.net

--
Mike - Raleigh, NC USA

4972. wanted , w2a or 24at icom

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: DAVID <justin@netzone.com>
Message-ID: <49samb$nb9@news1.netzone.com>
Source record: 209416

Looking for a good HT to mod for outside band xt/rec
any suggestions would be appreciated.

4973. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: kr4ah@bga.com
Message-ID: <49salu$ccd@giga.bga.com>
Source record: 209417

WB3U (jackl@pinetree.microserve.com) wrote:

: Can you imnagine casting an engine block for a weekend race car, or
: laminating your own fiberglass for skis, or fabricating a 35mm
: homebrew camera? If the stuff worked at all, you'd be lucky.

Jack, I think that this is a little unfair. While there are few
weekend car buffs who could make an engine from scratch, there are
also probably few hams who could make a power transistor from scratch
either. Both the hams and mechanics take existing parts and assemble
them into a homebuilt (homebrew) article.

I'm quite good with fiberglass and could make the skis (or even the
whole ski boat) fairly easily. Actually, with the exception of certain
industries, notably surfboards, the amateur builder can do better with
a fiberglass project than the factory can.

As for the camera, why would anyone want to make a 35mm camera?
I agree that it would be difficult, but why bother? There are a
group of camera buffs here in town who do build view cameras from
scratch. And I'm told that they are better than the factory cameras.

Don't get me wrong, I love ham radio, but its hardly a unique
hobby from the standpoint of homebrewing.

--
John "some of my best friends do make their
own semiconductors, though" Meaker -=- kr4ah

4974. Hamstores in Seattle ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: 100553.1214@compuserve.com
Message-ID: <49sm3h$28d$2@mhafc.production.compuserve.com>
Source record: 209418

I'm staying in Seattle until Tues 5/12/95 , where are the best
ham stores to visit?

Any other good ham related events etc ?

Jim G7NKS

4975. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <817987746snz@microvst.demon.co.uk>
Source record: 209419
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

In article <49qhu4$ap6@odo.PEAK.ORG> billn@PEAK.ORG "Bill Nelson" writes:

> A "spam", by net convetion, is a posting to multiple groups - where some of
> the groups have nothing to do with the matter of discussion. They are usually,
> but not always, of the "make money fast" type crap.

Interesting, but in my neck of the woods, spam is exclusively used to
describe cases of a single message being send separately to several groups
under separate Message IDs. And we call the use of excessive and
inappropriate cross-postings velveeta.

(TMs of Hormel and Kraft hereby acknowleged)

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

4976. my FT530 battery pack is dead!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: ajlitt@mail.utexas.edu
Message-ID: <49t6g4$857@geraldo.cc.utexas.edu>
Source record: 209420

I have had an FT530 for about 2 1/2 years now, and it's given me outstanding service all the while. Unfortunately, my battery pack (7.2v 600mAh FNB-26) started to discharge within a day or two of recharging, and now won't accept a charge whatsoever. From what I know of NiCd cells in packs, some of the cells are internally shorted, and except for zapping them individually with high current as a temporary fix, I know I'll have to replace all of the cells soon. As a college student, my budget is very low, and instead of buying a new pack or getting this one fixed, I would like to replace some of the cells myself. My first big question is: how do you get the thing open? There seem to be no screws or clips holding it together. Also, once I do get the pack open, should I replace all of the cells, or can I get away with the ones that show very low internal resistance (I'll use a pwr. res & a voltmeter to check this)? If all else fails, is there a good place to buy a new pack just like this? Right now, I'm forced to run my talkie off of a 28Ah lead acid battery, which is good for transmitting at 5W, but reduces the radio's functionality as a handheld device. Suggestions will be MUCH appreciated!

4977. Re: IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: y100y100@aol.com
Message-ID: <49t839$qkp@newsbf02.news.aol.com>
Source record: 209421

This is precisely why I have avoided an ICOM purchase for the past decade. Fast and efficient QSK operation is so easy to achieve, that I have come to the conclusion that ICOM simply doesn't care. I would rate QSK effectiveness by manufacturer in following order:

Ten-Tec
Kenwood
Yaesu
ICOM

I really hate to put Yaesu third-down on the list, but they've got some listening to do as well.

-Paul, N9AZ

4978. Re: IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <818017505.7483@pinetree.microserve.com>
Source record: 209422

n4lq@iglou.iglou.com (Steve Ellington) wrote:

>I asked ICOM about this and their out is " there's only a few high
>speed cw ops". Well fooey! Let me first say that the characters are
>shortened at ANY speed, slow or fast.

<from 2nd post>

>What you're doing in qsk mode is simply keying the vox relay. I makes
>a lot of racket and clips dots and dashes at any speed. Of course, the
>faster you go, the worse it sounds.

Does ICOM advertise this as a QSK rig?

4979. Comparition: Kenwood TS-440 vs. Yaesu FT-890

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: d2goran@dtek.chalmers.se
Message-ID: <49t0oe$mvp@nyheter.chalmers.se>
Source record: 209423

Hi!

I'd like a comparison between Kenwood TS-440-SAT and Yaesu FT-890.
Price/performance etc.

Thanx.
--

Goran Wallgren
<>< - email: d2goran@dtek.chalmers.se //
- WWW: http://www.dtek.chalmers.se/~d2goran/ \X/

4980. Test Equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: ericw@sisna.com
Message-ID: <c37cb$11b1c.14b@news.sisna.com>
Source record: 209424

Looking for Communications related test equipment. If yoiu
have some goodies you would like to sell.
Send a list...grin

4981. Kenwood IF-232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: kq6bc@kq6bc.ampr.ORG
Message-ID: <87@kq6bc.ampr.org>
Source record: 209425

Howdy! I am still looking for a diagram to build a Kenwood radio computer control similar to the IF-232, using 1488/1489 quad line drivers.

Anyone out there have a diagram I can have?

Thanks and 73! Fred kq6bc

4982. Re: WTB:TONE ENCODER KENWOOD 7950

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: "Roy D." <red127@psu.edu>
Message-ID: <49t96d$9q1@hearst.cac.psu.edu>
Source record: 209426

tomg@mail.ramlink.net (Tom G) wrote:
>I am interested in the matching tone encoder for the Kenwood 7950 2
>meter transceiver. The encoder must be able to be coded for PL tone
>103.5. Please send email to tomg@ramlink.net 73 de Tom WA3KQA
>
>

I have three of these redios and would be interested in a source for the
boards. Please POST any info.

--

Roy Derryberry, KD3LZ Member: Aircraft Owners and Pilot's Association
(red127@psu.edu) American Radio Relay League
Utility Workers Union of America

If I'd known I was gonna live this long, I'd taken better care of myself.

4983. Re: WTB:TONE ENCODER KENWOOD 7950

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: Ken Harrison <ken@cs.sonoma.edu>
Message-ID: <Pine.SUN.3.91.951203153413.8248A-100000@zippy.sonoma.edu>
Source record: 209427

On 3 Dec 1995, Roy D. wrote:

> tomg@mail.ramlink.net (Tom G) wrote:
> >I am interested in the matching tone encoder for the Kenwood 7950 2
> >meter transceiver. The encoder must be able to be coded for PL tone
> >103.5. Please send email to tomg@ramlink.net 73 de Tom WA3KQA
> >
> >
>
> I have three of these redios and would be interested in a source for the
> boards. Please POST any info.

I think you might be better off just breaking down and getting a tone board from Communications Specialists. As far as I know, the original boards are no longer made. (I'm hanging on to mine...) The aftermarket tone board will only set you back about $30. Of course, you won't be able to choose F1, F2, or F3 from the keypad, you'll have to use dip switches to choose your freq.

Ken

Ken Harrison --- ken@cs.sonoma.edu --- Amateur Radio: N6MHG
~~~~~~
~~~~~~

4984. Icom IC-T22A Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: jmb@eden.com
Message-ID: <49t0b4$hm8@boris.eden.com>
Source record: 209428

Does anyone know the keyboard mod for the IC-T22A aircraft (AM)
receive?

John (KK5MH)

4985. Motorola Saber III Info?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: jenglish@sparc1.castles.com
Message-ID: <49ro40$rhn@miwok.nbn.com>
Source record: 209429

Hello All;
I may have an opportunity to own a SAber III. I don't too much about this particular model. Anyone out there have any info on them?

73 de John KC6VLG
jenglish@sparc1.castles.com

4986. Re: Kenwood TM-732 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: larryka@wam.umd.edu
Message-ID: <49sijh$f5f@cville-srv.wam.umd.edu>
Source record: 209430

In <49qsdt$ffn@news2.deltanet.com>, mikek@deltanet.com (Mike Krueger) writes:
>I've
>also had problems with the remote control keys. The pressing the MR
>key will either get you the MR function, or the Band Change (PF)

This just started happening to me recently. It's really annoying. Plus
I've noticed that my call button is also acting as my VFO button. I wonder if a
new mic will help. Maybe Kenwood has fixed the problems.

Larry

4987. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: bob@texas.net
Message-ID: <49sgbl$2mq@news.texas.net>
Source record: 209431
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Michael Neidich <neidich@interport.net> wrote:

>We (in the collective sense) have entered the era of the super-store,
>wherein you must already know what you want. We have brought it upon
>ourselves, for we gave up buying in the friendly store that actually
>demonstrated the product to the prospective buyer. The friendly
>neighborhood store is dead. We the consumers shop by mail, and make our
>selection based upon price--not advice, not service, and not support.
>The Internet expands this problem to the nth power. And it will get far
>worse. Remember when you could buy stationery at other than Staples?
>That which ye sow, so shall ye reap. Be of good cheer! Shop locally and
>let the guy make a living.

He did shop locally. And he was willing to pay extra for the value-added of being able to see it, to talk to a knowledgeable sales rep about it, to see it work. And he was given the same--no, a LESSER--amount of service as you'd get from HRO on one of their 1-800 lines. So--guess what--he can get it cheaper from HRO on one of their 1-800 lines! So let AARS compete with AES, HRO, Jun's, etc and starve on the margins.

As for your "we the consumers" declarations--speak for yourself! I haven't given up on the local store except where the local storekeeper has already given up on me. Advice, support, service--they're important to many of us still, and many of the businesses that provide it are still flourishing.

Any businessman who expects to treat a walk-in customer the same as a caller on a national WATS line shouldn't be surprised when nobody walks back out the door with merchandise in-hand. And he gets no sympathy (or patronage after I hear a few stories like this) from me!

Bob

4988. Re: Dual receive with 2 hf radios?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: jrovero@q.continuum.net
Message-ID: <49r4gu$8m@news.continuum.net>
Source record: 209432

In <49pq25$jfb@vixen.cso.uiuc.edu>, no9z@prairienet.org (Lynn D. Osterbur) writes:
>
> I have 2 HF rigs and was curious how others inter connect 2 HF
>radios for dual receive in contest operation. What do you do to
>prevent damage to one or the other radios. I want to use the same
>antenna for both. I can split receive audio out from the icom 761
>thru the external jummper on the back. What slick ideas have some
>of you come up with?

I use a one input to four output HF distribution amplifier (by I.C.E)
-- the receive antenna (switched) is available at the back of the
transceiver in my case. One of the outputs of the distribution amp
goes back into the transceiver receiver section.....

P.J. "Josh" Rovero work: provero@connix.com
Ocean Surveys, Inc. play: jrovero@q.continuum.com
Old Saybrook, CT 06475 USA Amateur Radio: KK1D

4989. Re: IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DIzHFE.I1F@iglou.com>
Source record: 209433

Any speed is too fast for it's qsk. What you're doing in qsk mode is simply keying the vox relay. I makes a lot of racket and clips dots and dashes at any speed. Of course, the faster you go, the worse it sounds. I use mine on semi bk in mode with the delay set for .1 seconds. It sounds ok but of course its not really qsk. Another interesting point. In qsoing a friend with with my 706, he was watching me on his computer while using a KAM and KAGOLD software. It could not copy the 706. I switched of the qsk and went semi, this helped but copy was still poor. I switched over the the TS940 and copy was perfect. Something to think about I suppose. 73

: So soes anybody have more feedback on how fast the IC706 breakin responds? I
: have one on order, but this could be a problem. Not that I work a whole lot of
: CW above 30 WPM.... but how fast can CW be with good keying shape and no loss
: of bauds?

: Mel KJ9C
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

4990. Re: Question about proper operating voltage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1995Dec3.175551.412@nad.com>
Source record: 209434

In article <49nes5$i2b@pacific.mps.ohio-state.edu>, James Garland
<garland@ohstpy.mps.ohio-state.edu> writes:
[snip]
> An alternate possiblity, if the above modification doesn't seem workable,
> is to remove the transformer and add several turns to secondary. Use wire
> whose diameter is the same (approximately) of the secondary wire, which
> is probably humungous.
[snip]
This is a lot of work but may not be necessary. Check to see if the transformer
has a tapped primary that was intended to compensate for variations from the
nominal line voltage. You may be able to tap down on it and raise the secondary
voltage enough to get by.
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

4991. ham questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: melissa.stafford@delta.com
Message-ID: <ac.17674.5401@delta.com>
Source record: 209435

I am looking for an RC10 frequency controler board for my 751A HF Icom
radio. This is a direct entry keypad device which plugs into the radio.
Icom does not sell this product anymore so I am looking for a used one.

Does anyone have a list of trader nets for 80 meters?

My last question is, Does anyone know if QST is available on computer
disk or via internet? I think there use to be a newsgroup for QST but
I am not sure if it still exists.
Callsign is KC4HAF and internet address is Melissa@nando.net

___ Blue Wave/QWK v2.12

Internet: melissa.stafford@delta.com (Melissa Stafford)
This message was processed by NetXpress from Merlin Systems Inc.

4992. Re: my FT530 battery pack is dead!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0312952032270001@paul_nix.aud.alcatel.com>
Source record: 209436

In article <49t6g4$857@geraldo.cc.utexas.edu>, ajlitt@mail.utexas.edu
(Andrew Litt) wrote:

> I have had an FT530 for about 2 1/2 years now, and it's given me outstanding
> service all the while. Unfortunately, my battery pack (7.2v 600mAh FNB-26)
> started to discharge within a day or two of recharging, and now won't accept
> a charge whatsoever.

Andrew, I can't help with instructions for tearing apart your FT-530's
battery pack, but I found your situation interesting, as that's exactly
what has happened to MY FT-530's battery pack, AND my 530 is also 2 1/2
years old (bought in June 1993).

My FT-530 doesn't get used enough, at least that's what I thought had
probably contributed to the batteries early demise. Some years ago, when
I travelled a lot on business, I used a Santec HT1200 2M HT quite a lot,
and its batteries lasted for several years.

So, I can't offer any pat solutions to your dilemma, but at least you know
that other people share the problem. I'll probably put up with it for a bit
longer, and then finally get irritated enough to get a replacement pack
from one of the NiCad battery outfits.

73

Paul Nix (WB5AGF)
(e-mail: Paul_N_Nix@aud.alcatel.com)

4993. Major brands factory repair time survey

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: "John T. Young" <jtyoung@u.washington.edu>
Message-ID: <Pine.PTX.3.91j.951203162535.22702A-100000@carson.u.washington.edu>
Source record: 209437

I would be interested in your experiences re: factory repair time on your Kenwood, Yaesu, Icom, and Ten Tec rigs. How long did it take to get your rig back? Did the factory do a good job or not? Any really quick turnarounds? Any disasters? I'll share the results of this very informal and non-scientific(!) survey with the newsgroup next week, if I get enough responses to get a reasonable picture. 73 & many thanks, de John, KI7JB in Seattle.

4994. Re: Need Help: Repeater Amp and Pre-amp.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <49s3ln$da0@newsbf02.news.aol.com>
Source record: 209438

Chris, WB5ITT, wrote:

>Gawd, if you have to ask about this, I would suggest getting
>someone else to maintain the rptr!!!
Gee Chris, I'm not sure whether to be offended by that remark or not.
;-)
Nowhere did I sign myself as a repeater maintenance pro. I'm simply a club member who bought and donated right at a $1000 worth of needed equipment (Amp, preamp, new rack, cables, etc...) to help our meager repeater cover the entire county, and was (am) like a kid at Christmas anxious to play with the new toys.

Also, if everyone knew all the answers this newsgroup wouldn't exist. No one would need it. <g>

>Seriously, if you rptr is hearing .25 or so on 2mtrs, DONT PUT A
>PREAMP on it!!!! LEAVE THE PREAMP OFF!!!!! You will only end up
>with intermod and/or desense in the rptr.....
Meanwhile we have temporarily pulled the pre-amp from the system. All else is currently working fine. Transmit is full and strong. Receive is the same as it was before any updating, and could still use improvement. Actually the 'Head Techie on Site' at the Hiway Patrol Comm center where the repeater's located has volunteered to work out the preamp situation, check and tune the cavities, and check all for proper shielding. Turns out he's a ham also and is tickled to have the equipment right there at his fingertips.

Thanks to all for your help.
Cordially:
Rick Crider
KD4FXA
Monroe NC

4995. Re: IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: y100y100@aol.com
Message-ID: <49tblm$rvj@newsbf02.news.aol.com>
Source record: 209439

If you're considering an ICOM radio, CW speeds well below 30 wpm should be of concern to you. The copy with their QSK is so poor, that I would be embarrased to admit that I was using an ICOM. IMHO, ICOM is still riding on their success during the '80s. Their product line is over-priced, and I feel that recently, they have scaled-down on the technology available to them. Competition has been getting brutal among all the manufacturers. Until recently, they didn't care about a few disguntled customers. Now, with all the electronic information services available to such a large potential customer base, they will have to meet and exceed our expectations for high quality products.

-Paul, N9AZ

4996. getting rid of computer noise

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: ryanm@ix.netcom.com
Message-ID: <49stnf$l0r@ixnews5.ix.netcom.com>
Source record: 209440

HELP!!!!!!! MY COMPUTER IS TEARING UP MY RECIVER!!!!I recently got a new rig....A Yaesu FT-990. My computer wipes it out....I have taken off all cables to keyboard,mouse,monitor ect....still there. Then I took ferrite split beads and put them on power wires in the box going to main board, drives.....still no change...Think its inturnal noise from the power supply....took off the antenna cable from rig and no more noise.....what else can I try?????? oh yeah...i also took aluminum foil and put it inside the box then put the cover on...still bad as ever..tried grounding it too......PLEASE HELP!!!! Thanks for any help de Mike/KN6VS

4997. Re: Screw Driver HF Mobile Ant

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: pineapp@netcom.com
Message-ID: <pineappDJ137L.Esw@netcom.com>
Source record: 209441

Send to
W6AAQ
Don Johnson
26659 Capay St.
Box 595
Esparto, Ca. 95627-0595

Or Send to World Radio Magazine.
Sacramento , Ca.
And order the 40+5 years of HF Mobileering. The plans are in the book.

Sorry I do not have the zip or PO box nuber for World radio.

--

```
.-------------------------------------------+--------------------------.
| INTERNET: pineapp@netcom.com (DC436) | Daniel Curry |
| AMPRNET : dan@wb6stw.ampr.org [44.4.20.144] | WB6STW |
| AX.25 : wb6stw@n0ary.#NOCAL.CA.USA.NOAM | DoD # 1450 |
'-------------------------------------------+--------------------------'
```

4998. Re: Yaesu 5100 for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: gwoolery@homer.libby.org
Message-ID: <49t55f$9jn@homer.homer.libby.org>
Source record: 209442

In article <49o0q7$n6v@mother.usf.edu>,
sftmf@frog.thpl.lib.fl.us (Dennis Stafford) wrote:
>

How Much????

4999. Garage Door Opener RFI

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: Fraser Bonnett <102432.1070@CompuServe.COM>
Message-ID: <49t527hla1@mhafn.production.compuserve.com>
Source record: 209443

Does anyone have any similiar experience with RFI being generated by the beam sensors on the new generation of door openers?

I have installed STANLEY ST200 door openers, and found that the beam sensors cause SERIOUS RFI to 10 meters about every 12kHz. It sounds like some sort of oscillator. I've tried wrapping the beam sensor cables on ferrite chokes, AC line filters and ferrite chokes on the opener motor, all to no avail.

Any ideas? By the way, disconnecting the beam sensors renders the door inoperative!

HELP Fraser, N3VSM

5000. KDK model 2015R MARS-CAP or other mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: jaminge@pb2esac.esac.pacbell.com
Message-ID: <49t7pq$nd9@gw.PacBell.COM>
Source record: 209444

Does anyone have information about the MARS-CAP modification for a
KDK model 2015R 2-meter mobile, or any other mods or useful stuff?
I'm posting this for a friend. He does have the owner's manual already.
This is about a vintage 1977 radio as far as we can determine.

Thanks, 73, John
--
____
John A Minger KE6DTC Opinions expressed are those of the author
Los Angeles, CA and not those of anyone or anything else.

5001. Re: Kenwood IF-232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0312952041320001@paul_nix.aud.alcatel.com>
Source record: 209445

In article <87@kq6bc.ampr.org>, kq6bc@kq6bc.ampr.org wrote:

> Howdy! I am still looking for a diagram to build a Kenwood radio computer
> control similar to the IF-232, using 1488/1489 quad line drivers.
>
> Anyone out there have a diagram I can have?
>
> Thanks and 73! Fred kq6bc

Fred, I'm about 99% sure that an article in 'QST' has what you're asking for. I've just bought an ICOM 706, and want to do the same thing for it (ie. save the bucks that ICOM wants for their interface).

Can't remember the date (am at work on a Sunday night), but just within the last few years, 'QST' had a computer interface article that covered ICOM, pretty sure Kenwood, and the newer Tentec's (since they began to use ICOM's CI-V interface standard), showing how to build the TTL to RS-232 interface, and also discussing the CI-V (ICOM) CDMA (Collision Detection - Multiple Access) interface standard.

I'm amazed at the money that the manufacturers charge for their silly interfaces, when a few dollars worth of parts are all that's needed.

If you can't find the article, drop me e-mail.

73

Paul Nix (WB5AGF)
(e-mail: Paul_N_Nix@aud.alcatel.com)

5002. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: billn@PEAK.ORG
Message-ID: <49tc2s$ka9@odo.PEAK.ORG>
Source record: 209446
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Anthony R. Gold (tgold@microvst.demon.co.uk) wrote:
: In article <49qhu4$ap6@odo.PEAK.ORG> billn@PEAK.ORG "Bill Nelson" writes:

: > A "spam", by net convetion, is a posting to multiple groups - where some of
: > the groups have nothing to do with the matter of discussion. They are usually,
: > but not always, of the "make money fast" type crap.

: Interesting, but in my neck of the woods, spam is exclusively used to
: describe cases of a single message being send separately to several groups
: under separate Message IDs. And we call the use of excessive and

Apparently, your part of the UK is in conflict with the net convention.

Bill

5003. IC706 Yellow Wire Mod OK!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-03 00:00:00 UTC
From: ad7k@bighorn.accessnv.com
Message-ID: <49u1ba$t27@bighorn.accessnv.com>
Source record: 209447

In a Sales Bulletin dated November 29, 1995, Icom officially says:
"OUT-OF-BAND RECEIVE MODIFICATION
"A factory approved receive modification is enclosed. It's very simple, just cut the yellow wire (of course wire colors may change in the future, so it's best to locate the proper wire with the schematic drwaingt, just to be safe.
"This modification substantially improves the FM VHF out-of-band receive performance. However, you may notice some diminished sensitivity on VHF WFM broadcasts.
"An HF MARS trsnsmit modification is also attached. No approved VHF transmit is available at this time. We are working on it."

Another paragraph says:
"HM77 DTMF Microphone"
"We have received many requests for a DTMF microphone. After extensive testing, we feel the HM77 is your best choice. The transmit audio soinds a bit different to some observers."
(Note - the HMN77 should be available at Icom dealers in the near future .. at the time Icom distributed this Sales Bulletin, they did not even have a price on the HM-77! It is now priced, and should be available soon.)

Please note that these notes are typed verbatim from the Icom Sales Bulletin - typos are theirs, not mine.

73 to all,

"Squeak" Porray, AD7K
Manager, Amateur Electronic Supply/Las Vegas

5004. Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <515.818051586@safety.ics.uci.edu>
Source record: 209448

Anyone think about the real limits of DSP? I have wondered how much a really powerful machine could do. Suppose we wanted to do DSP at a "real" Intermediate Frequency, say 9 MHz. How often do I need to sample to do a good job for DSP? How much of the processor time would be needed for the algorithm? Can we ever get there?

Clark
WA3JPG

5005. Re: Kenwood IF-232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: jdear@mail.bayou.com
Message-ID: <49uj1d$8c3@news.dx.net>
Source record: 209449

>I'm amazed at the money that the manufacturers charge for their silly
>interfaces, when a few dollars worth of parts are all that's needed.
>
>If you can't find the article, drop me e-mail.
>
>73
>
>Paul Nix (WB5AGF)
>(e-mail: Paul_N_Nix@aud.alcatel.com)

I am interested here too...looking for KW for TS450/TS690...I'll see if I can't contact ARRL and see if they can help us?

Jim Dear, KG5VE
jdear@mail.bayou.com

5006. FOR SALE: Drake TR-4CW/RIT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: donw@whytel.com
Message-ID: <49tvj9$6is@what.whytel.com>
Source record: 209450

FOR SALE: Drake TR-4CW/RIT, MS-4, AC-4

Rig is in MINT condition. Has only 10 hrs. of use since factory recondition
by Drake.

Includes: MS-4 speaker, and AC-4 power supply.

Works great and looks great. 2.1khz filters make for selective reception.

It has all 10m crystals installed and 500khz CW filter.

Noise blanker and Receiver Incremental Tuning.

Now is the time to buy a tube rig--it will keep you warm on those long, cold
hamming nights and weekends.

This was/is my back-up rig, but I never have needed it and am not very active
nowadays.

Will sell for $350.00. You pay shipping, etc.

Emailme at: donw@why.net

5007. MFJ "No Radials" Verticals - real or memorex?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: tcarlyle@mindspring.com
Message-ID: <tcarlyle.18.00342D80@mindspring.com>
Source record: 209451

ANybody had hands-on experience with the MFJ-1796 or 1798 multiband "no radials" verticals? I am interested in the small 1796 for use on 20m and 6m... just find it hard to believe it works, but, like a IC-706, too sexy not to be interested in.

They say you can tune the antenna from the bottom - can you? What kind of bandwidth... how does it compare... I'd really appreciate it. I'm about to make a knee-jerk impulse buying decision and would love to temper it with a tad of reason. TNX es 73s = Bill, WA4EVQ

email: tcarlyle@mindspring.com

-

5008. Need interconnection cable for HP 8505 Network Analizer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: pieter.ibelings@sciatl.com
Message-ID: <49v57q$15mc@firehose.mindspring.com>
Source record: 209452
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I am in desperate need of a pair of cables that go between the display unit and the RF unit on the HP 8505 Network Analizers. I just purchased 2 of these and cannot use them because I don't have the cables. Please point me to where I can get these. The cable has 5 or 6 coax connections and around 17 other connectors.

73's
Thanks
AC4OP
Pieter Ibelings

5009. Any kenwood TM-731E Modification

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: sv9cai@sv3cha.ampr.ORG
Message-ID: <17192@sv3cha.ampr.org>
Source record: 209453

I have recently bought a TM-731 and Iam interested in any kind of modification possible on this transceiver. Please send the me
ssage to the following address|SV9CAI@SV3CHA.AMPR.ORG. Thank you in advance./ex

5010. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <49v6c6$1dm0@chnews.ch.intel.com>
Source record: 209454

In article <515.818051586@safety.ics.uci.edu>,
Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU> wrote:
>Anyone think about the real limits of DSP?

One approach would be to mix the 455kHz last IF down to 50kHz.
Sampling and processing at 200kHz is well within the capabilities
of inexpensive DSP systems.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

5011. Re: Kenwood TM-732 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: kkidd@usit.net
Message-ID: <49utv4$48m@news.usit.net>
Source record: 209455

larryka@wam.umd.edu wrote:

> Has anyone had trouble with the microphone that comes with the TM-732A?
>I've noticed that if I hold the mic for a while, the functions on the keypad stop
>working. It won't let me remotely control the functions of the radio. When the
>mic cools off, it works again. It seems like it's heat related.
> I'm also wondering if anyone has had trouble with the clip on the connector.
>Mine broke off a couple days ago, after about two years. It looks like I'm either
>going to have to splice on a new connector, or buy a new mic. Any suggestions?

>73 de N2TBX Larry
>
I have had my 732 for about 3 years with no mic problems other than
the TX audio was very high and "tinny" sounding. Upon checking the
inside of the mic, I found that there was an extra ceramic cap in mine
that wasn't in others. <snip went the cap>. Now it sounds like all
other TM-732's. On your clip being broken, take the entire mic and
clip to a telephone shop that services large PBX or key systems. The
connector used on these mics is the same as a lot of phone systems.

kevin
WD4RAT
kkidd@usit.net

5012. Re: Yaesu FT-51R or Kenwood Th-79A (D) Pros & Cons?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <49v7tb$1k16@watt.oedison.com>
Source record: 209456
Body handling: 1 inline base64-encoded payload block was not displayed

On Thu, 30 Nov 1995 01:36:24 GMT barry@valonline.com (Barry Dorfman) wrote:

>cpaulien@aol.com (CPaulien) wrote:

>>I am planing to purchase a dual band HT soon and am thinking of purchasing
>>a Yaesu FT51R or a
>>Kenwood TH-79A (D) based on their specs and features. I was wondering if
>>anyone had any
>>comments pro or con about either, including any mods. Although I have
>>worked the HF bands for
>>a couple of years I haven't as yet purchased anything for the VHF/UHF
>>bands. Any suggestions
>>will be welcome.

>>Chuck Paulien KG0PF

>Chuck, The Yaesu 51 is a nice "little" radio, perfect for carrying
>around town in a pocket or purse. I would recommend the Yaesu 530
>over both of the above models thou. The 530 is a full featured radio
>with a real battery pack. Check them both out.

>73 Barry KB6CV

I owned an FT470, closely examined my friends FT-530, and then bought an
FT-51R. The 530 is a slightly improved 470, in the area of features, and
is slightly smaller than the 470 (still big). The 530 is a good radio, but
the 51R has the following pluses:

- MUCH smaller
- lighter
- comes with a 600mAh battery, that lasts as long as
the 530s with the same power output, same basic battery
size, power, and charging options as the 530.
- more paging features (although not many people use them)
- less distorted RX audio
- programs from a PC

The Kenwood/Yaesu is a pretty close match, but I chose the Yaesu over the
Kenwood 79A because the 51R:
- is smaller
- 100% software pots, volume, squelch, etc. You can config
the top dial button to be a volume control if you like, but it
is a switch, not a pot. Even the TX deviation is keyboard
adjustable in the diagnostic mode without opening the radio.
- programs from a PC
- programs more naturally (my opinion)

- fully backlighted display AND keypad

My advise: Don't buy until you also go to a store or meet with people that have a 79 and a 51, and hold them in your hand to see which one feels best to YOU.

John Wagner wagnerj@watt.oedison.com

Version: 2.6.2

[Inline base64-encoded payload not displayed]

=WVd9

5013. Icom IC-706 Yellow wire Receive Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512041807.AA25768@shelob>
Source record: 209457

For Improved f
hearing above 148Mhz for the ICOM IC-706:

Tools required:

1) #0 Philips head screwdriver
2) 10 - 15 watt pencil tip soldering iron
3) Magnifying glass
4) Tweezers

Remove the TOP cover by removing three philips head screws on the top
and one on each side. The fourth yellow wire from the right on the header,
should be cut open. just above the 9 MHz SSB filter FL-30.
This controls a low pass filter at 120MHz which remains
in service when above 148MHz and make the IC-706 very deaf above 148MHz.
Note: Be careful, another yellow wire exists on the same header.

Above is the new official Mod from Icom USA !!!
This increades sensitiivity avove 148MHz, but degrades
sensititivity in the 88-108 FM Broadcast portion.
****
Below is a mod that takes the yellow wire mod one step further, to
restore FM broadcast sensitivity and keep reception above 148MHz.
Connecting open yellow wire to J8 VCO transistor switch bank.
I tried this mod and it works, If I just did the yellow wire mod, I noted
RF images from the 144-148MHz, falling in the 82-84MHz region, by reconnecting
it to the VCO switch bank, no more images, and FM broadcat restored, with good
sensitivity above 148MHz. Only noted that FM broadcast FM band can overload
aircraft band betwwen 118-129Mhz, I switch the preamp off(green to black) and
the problem goes away and still can hear aircraft.

73
Mike
WB6DJI

I suggest that a pin with a plug be done for this J8 mod for future Icom 706's
radios to implement this in a production environment.

Date: 16 Nov 95 15:12:30 EET
From: harjula@ntc01.tele.nokia.fi
Subject: Icom 706 - modified

In article <4884r9$14to@chnews.ch.intel.com>, cmoore@vegas.ch.intel.com (Cecil A. Moore~)
writes:
> In article <1995Nov8.090310.1@ntc01.tele.nokia.fi>,
> <harjula@ntc01.tele.nokia.fi> wrote:
>

>>The fourth yellow wire seems to control
>>a lowpass/highpass 120 MHz filter. In the standard configuration the highpass
>>filter is used only on 144-148 MHz, every other frequency uses the lowpass.
>>Anyway, if you want to listen to frequencies above 120 MHz this mod is
>>very useful. It does even remove most of the FM band intermodulation.
>>I just don't understand why Icom has not put the switching limit on
>>120 MHz instead of 144/148.
>
> Does this mod affect HF or 6m? After the mod, what frequencies use the LP and
> what frequencies use the HP filter?

The mod affects only frequencies above 60 MHz. If you just cut or remove the
yellow wire, the HP or actually 2m bandpass filter is used all the time.

Last night I took the loose yellow wire and connected it to a VCO control
switch transistor (?) on the lower PC board. Now I have the LP filter in
use between 60 and 129 MHz and the 2m bandpass between 129 and 200 MHz.

There are five SMD transistors on the lower PC board just behind the
"MENU" button. The one in the middle controls the VCO that is in use
from 60 to 129 MHz. The single pin has 5V when within this range.

The mod affects only frequencies above 60 MHz. If you just cut or remove the
yellow wire, the HP or actually 2m bandpass filter is used all the time.

Last night I took the loose yellow wire and connected it to a VCO control
switch transistor (?) on the lower PC board. Now I have the LP filter in
use between 60 and 129 MHz and the 2m bandpass between 129 and 200 MHz.

There are five SMD transistors on the lower PC board just behind the
"MENU" button. The one in the middle controls the VCO that is in use
from 60 to 129 MHz. The single pin has 5V when within this range.
There is a trace from this pin to a plated-through hole near J8.
This is a good place to connect the wire. (I haven't even seen the
schematic so cannot say if this is the best way to do it.
But it works for me.)
****
(Notes: de WB6DJI) found this point with a DVM to identify right plated
thru hole(Just to to left of J8 marking on board on bottom side of radio)
I put a 3/8" wire, reheated it and got it to say in
in the plated thru hole next to J8, the attached the open ended yellow wire to
it. Careful not to damage the gray cable with your soldering iron, its pretty
tight, small area in there!!
****
129 MHz seems to be quite close to the cross-over point of the LP and
2m BP filters. Here is a listing of the (NBFM) signal strength needed
to "light" the first segment on the S-meter on each frequency:

MHz uV/LP uV/BP
125 .8 2
135 12 .5
145 .15

155 30 .5
165 3
175 11
185 140

After the mod I can listen to the Helsinki airport on 134 MHz but the
Meteo on 128.4 is still drowned in intermod from the FM BC band.

> thanks and 73, Cecil, KG7BK, OOTC (not speaking for my employer)
Neither am I. Proceed at your own risk etc. And have more fun with the 706 !

73 de Arto, OH2BGN

--
Arto Harjula tel +358-0-5112 8308 fax +358-0-5112 8299
Nokia Telecommunications / PMR arto.harjula@ntc.nokia.com

5014. Motorola ht440 info wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: dsm@seas.smu.edu
Message-ID: <49v624$qp3@giant.seas.smu.edu>
Source record: 209458
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

Hello,

I have a pair of the Motorola ht440 model h24lcu3144an ht's
that I am wanting to change the crystals on. I would like
some information on the crystals and on how to re-tune the radio.
Thanks in advance.

David Mason KC5CXD

5015. TS-120s fix

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: tom_boza@ccm.ch.intel.com
Message-ID: <49vdbm$1g3u@chnews.ch.intel.com>
Source record: 209459

Does anyone know of a WEB source for TS-120S mods and fixes?
SSB power output and ALC indication is intermittent on transmit.

Thanks, WB7ASR

tom_boza@ccm.ch.intel.com

5016. QRP Station for sale.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: adburns@awod.com
Message-ID: <1028.6532T247T1831@awod.com>
Source record: 209460

I am no longer a HAM operator; I am posting this for a friend who doesn't have net access yet. He's a contruction supervisor working in Charleston, SC at the moment. If you have any questions, please contact Chuck. Thanks!

Adam Burns aka...
The Buffo Mounie

For Sale:

QRP STATION
MFJ- 9040 40 METER TRANSCEIVER LIST PRICE $179.95

With MFJ - Narrow audio filter 29.95

and MFJ curtis chip 39.95

MFJ - 564 Deluxe iambic paddles 49.95

MFJ - 1621 portable antenna 79.95

power station 12v 7amhr battery 49.95

with spare 12v 7amhr battery 25.00

less than 10 hours operationg time on complete station. $454.70

SELL FOR $300.00 PLUS SHIPPING/COD CHARGES

CONTACT CHUCK - N3NDW OR 803-572-7554 AFTER 8: PM EST. OR 412-795-8481

5017. FS: Motorola Rapid Charger

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: brasshat@aol.com
Message-ID: <49vahs$k01@newsbf02.news.aol.com>
Source record: 209461

Motorola NTN4633C Rapid Battery Charger. Charges P-200 and HT-600 style
radios. Chager Dark Gray/Black in color.
$55.00 Shipping Included. Shipped UPS COD Cash Only.
Gay Anthony
E-mail Brass Hat@aol.com

5018. Re: my FT530 battery pack is dead!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: Ray Wilson <wilsonr>
Message-ID: <49vcuj$h4a@morgan.vf.mmc.com>
Source record: 209462

Heard a QSO on a repeater last night that could have been your posting: one guy had taken his battery pack apart and replaced the bad cell, but the repair didn't last long. Another cell went bad later. He gave up

I personally would buy another AFTERMARKET batterypack. I would get one of the bigger ones, so I could yak longer!

Good luck.

73

Ray

5019. ICOM 706 Reports

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: Harrington.Ed@mail.ndhm.gtegsc.com
Message-ID: <Harrington.Ed-0412951525030001@157.176.66.29>
Source record: 209463

Please send me or post ICOM 706 reports!!
Thanks and 73s,
Ed--AA1IN

5020. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: Tom Clark <clark@tomcat.gsfc.nasa.gov>
Message-ID: <49u4bm$cgr@post.gsfc.nasa.gov>
Source record: 209464

turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) wrote:

>Anyone think about the real limits of DSP? I have wondered how
>much a really powerful machine could do. Suppose we wanted to
>do DSP at a "real" Intermediate Frequency, say 9 MHz. How often
>do I need to sample to do a good job for DSP? How much of the
>processor time would be needed for the algorithm? Can we ever
>get there?
>
>Clark
>WA3JPG

A lot depends on what you want to do with the signal and the bandwidth
of the signal. You say "at a real IF like 9 MHz" -- do you mean that
the signal has already been band-limited at that point, or is it very
broad-band? The crucial "how powerful" question is set by the bandwidth,
not the carrier frequency.

If you want to support say the entire 20M band (350 khz wide), then it
must be sampled at a rate of at least twice that, i.e. 700 ksamples/sec.
To do even the most trivial DSP operation you would have to squeeze all
operations you want to do into 1.4 usec windows. To do almost any meaningful DSP
operation, you will need 20-30ish operations and the complete operations have
to be executed at a 15-ish MHz rate. Since the x86 architecture has many
machine cycles/instruction, a fast Pentium would be hard pressed to do
anything at all! A specialized DSP chip with pipelined single-instruction-
per cycle architecture might be feasible. This is the complication that has
prevented a complete DSP radio from being practical.

On the other hand, if you want to do something with DSP over a ~20 kHz bandwidth,
then the tables are turned. You can use a simple Sound Blaster (44.1 kHz sampling
rate) in a high-end PC and do IF processing easily with hardware you can buy
today at Circuit City. It's only $oftware!

To a more responsive answer, you need to specify what DSP functions you want
to do. Are you looking for a digital DSP modem? Or do you want QRM-killer
filters on SSB? Or do you want to build the entire radio in software?

73 de Tom, W3IWI

5021. Re: Standard brand repair center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: drawson@sagehen.Tymnet.COM
Message-ID: <49vldf$h9b@tymix.Tymnet.COM>
Source record: 209465

312-763-0081 is Standard Amateur Radio's main number.

616-429-2334 is Standard's Repair Service, which seems to be one
person named Matt Adrian; call 6 pm to 9 pm, EST to
get him, or leave a message any time.

Aside from the oddity of it being a one-person show, I'm satisfied.
You talk to the technician instead of a salesman, and he will talk
intelligently about what you have and what you want done, about
prices and schedules, and so on.

Dick Rawson n6cmj

5022. HF Rig for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: geoffspink@mail.bogo.co.uk
Message-ID: <1995Dec3.225039.19837@news.bogo.co.uk>
Source record: 209466

For sale:

Trio TS900 HF Transceiver. An old but trusty workhorse, now QRT hence sale. Looking for £200.

Please email me or call 0171 372 5793

5023. WTB: 5W 2-meter handhelds

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: mzap1@aol.com
Message-ID: <49vu7r$rii@newsbf02.news.aol.com>
Source record: 209467

I'm looking to buy about ten 2-meter handheld units of 5 watts or more and at least one base station with more power. If you have any to sell or know where I can find them cheap, please respond by email to mzap1@aol.com. Thanks!

5024. wwanted:RCI-2950 Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: lvannoni@zen.dedal.fr.net
Message-ID: <49tgtq$s3e@zen.dedal.fr.net>
Source record: 209468

Where can I get a service manual for RCI-2950?
Any help appreciated!

5025. IC-706 "Band Scope"

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: aa0yt@mo.net
Message-ID: <49v2ts$8j6@Twain.MO.NET>
Source record: 209469

Just got my new IC-706 in and I love it! Haven't done the "yellow wire" mod... waiting for bravery -- or tomfoolery! -- to set in. I have a question, however, for you modification folks.

Has anyone seen a way to mod this rig to leave the volume on (pinned to the frequency you are listening to) while letting the band scope scan the band for you. During openings, it might be nice to be able to talk to someone, and see that there's some activity up the band. Just a thought!

Thanks!

Colin R. Wright, AA0YT
aa0yt@mo.net
http://walden.mo.net/~aa0yt

5026. Re: WTB:TONE ENCODER KENWOOD 7950

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: cliffor1@ix.netcom.com
Message-ID: <49vd3f$j0s@ixnews5.ix.netcom.com>
Source record: 209470

In <49t96d$9q1@hearst.cac.psu.edu> "Roy D." <red127@psu.edu> writes:
>
>tomg@mail.ramlink.net (Tom G) wrote:
>>I am interested in the matching tone encoder for the Kenwood 7950 2
>>meter transceiver. The encoder must be able to be coded for PL tone
>>103.5.
Please send email to tomg@ramlink.net 73 de Tom WA3KQA

>I have three of these redios and would be interested in a source for
the
>boards. Please POST any info.
-

You can buy tone units that are no longer available from Kenwood direct
from Communication Specialists, in Orange, CA. 800-854-0547

5027. Mods for DJ-100 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: ea4abb@linux.ea4abb.ampr.ORG
Message-ID: <Pine.LNX.3.91.951204231024.1368B-100000@linux.ea4abb.ampr.org>
Source record: 209471

Hello and many thanks to read this mail...

I am an owner of an ALINCO DJ100 and I would like to make mods to it to
have maximum coverage frequency.

Do you know if I only nedd to key some numbers or must I open the walkye
and sold some components ??

Comments are welcome.


```
___ __ __
/ \__ / / ___ _ __/ /___
/ - / \/ \ / _ \/ /\/ _ / \
/ _ / - / - / __/ / / / / - /
Saludos de /_/ \_\__/\__/\___/_/ /_/ \__/
```

Roberto Munoz Dominguez RadioClub E.I.T
Vocal CC.DD.
+34 1 549 5700
Pasillo de los Clubs 101.3L Ext. 576

---

e-mail: ea4abb@ea4rct.clubs.etsit.upm.es
sysop@ea4rct.clubs.etsit.upm.es
ampr: ea4abb@linux.ea4abb.ampr.org
ax25: ea4abb@ea4een.eam.esp.eu
fidonet: Roberto Munoz 2:341/64.10
http://www.etsit.upm.es/~rclub -> Paginas WEB del Radioclub EA4RCT

[Written using PINE/Linux 3.91]

5028. EQF mail reflector

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: w5robert@blkbox.COM
Message-ID: <9512031918.aa07936@blkbox.COM>
Source record: 209472

Fellow operators:
Another mail list, this one for the EQF logging program.

Mail list dx-l (little L, not a 1 one)
is now on netcom.com for exchange of information on the EQF logging
program. Those using & those interested are welcome to join.

To join:
Address message to: Majordomo@netcom.com
subject: .. (anything)
First line in message:

subscribe dx-l

++

Thanks & thanks for the bandwidth to post this.
--
73 Robert WB5CRG w5robert@blkbox.com

5029. Re: Pls Help W/ TenTec 570 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <49vrag$4fs@mksrv1.dseg.ti.com>
Source record: 209473

<SNIP>
>fair price for a TenTec Analog #570 (Century 21) 10-80M CW Xcvr?
(r) I just sold a VERY clean, unmodified C-21 for $150. I think
this is about the going price. W/manual, but no accessories.

>Also, can anyone tell me if they have used one of these rigs and
>what their opinions are? I know that it's CW only. My son and I
>are just trying to get on the HF bands. It has 5khz (hope that I
>have my units correct), 2.5 khz, and 1khz filters. Will they be
>good enough?
(r) The C-21 receiver is direct conversion, meaning you can hear
both sides of zero beat. This is a distinct disadvantage on
a busy band, because it allows twice the signals into the
filter passband as a superhet receiver would. The filters in
the C-21 are audio filters, not i-f filters, and are really
not sharp enough to knock out heavy QRM. On a quiet band,
with few stations around, the rig would do fine. This is not
usually the case any more.

>Does a newer filter fit it and is it needed?
(r) No, you can't add filters, although they would really
do a lot of good if you could. Since the rig is of a
direct conversion design, there's no i-f, hence there
is no place to add i-f filtering, only audio filtering
which the rig already has. One of the outboard DSP's
might be worthwhile to use with this rig.

(r) Other comments: the C-21 has Ten-Tec's legendary Full
Break-in CW (QSK). Nobody does it better! The rig is
115 VAC powered, and can not be run on 12 VDC. It's a
bit large physically for what it does (a lot of empty
space inside the cabinet). The VFO is very stable and
the transmitted signal is very clean (this is also the
kind of thing Ten-Tec is known for).

(r) Final opinion: (and this is just my personal opinion,
having owned two C-21s over the years, and comparing
them to other rigs that can be bought for not too much
more money)... I'd save the $150, add another $150 to
that, and seek out a Kenwood TS-520 or something along
those lines.

(r) If anyone wants to flame me, do it off the newsgroup!

73 de KC5NG

5030. Re: Yaesu Telephone Numbers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: "Earl D. Sharp" <esharp@erinet.com>
Message-ID: <30C3A291.1193@erinet.com>
Source record: 209474

Nick Zoda wrote:
>
> I own a Yaesu FT-470 and read some old postings that there were a number of
> Intermod fixes that the factory used to provide for free. Does anyone know
> if they would still provide this service? I would call and ask them
> myself, but I do not know the number of Yaesu USA. Anyone have them handy?
>
> Thanks in Advance
> - Nick
> WB2EYB

The number is TEL: 310 404-2700 and FAX 310 404-1210

Your welcome
WE8M

5031. Re: my old Robotics 1200 Baud Modem--Any use?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: cgreenha@magnus.acs.ohio-state.edu
Message-ID: <49usq8$cga@charm.magnus.acs.ohio-state.edu>
Source record: 209475
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

>John A. Sutliff (sutliff@crd.ge.com) wrote:
> I have an old Robotics 1200 baud external modem.
>
> Are there any uses I could put this to in conjunction with my
> transceiver (IC706)??

I dont know about the transceiver, but you can use it in packet. I have one tied to my TNC via a null modem and A/B switch. I can turn the modem on, and call it (via phone) and be on packet! Works great, and I use it all the time. This is a nice set up, because you dont have to leave a computer on all the time. :)

--
+================================+==================================+
|Christopher K. Greenhalgh, N8WCT |cgreenha@magnus.acs.ohio-state.edu |
|Electronic/Computer Tech. @ OSU |radio: n8wct@w8cqk.#cmh.oh.usa.noam|
+================================+==================================+

5032. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <818112886snz@microvst.demon.co.uk>
Source record: 209476
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

In article <49vf3o$nf4@what.whytel.com> dismondo@why.net writes:

> In <49tc2s$ka9@odo.PEAK.ORG>, billn@PEAK.ORG (Bill Nelson) writes:
> >Apparently, your part of the UK is in conflict with the net convention.

> I always thought SPAM was a tin of ham bits all cramed together !
> Why would SPAM denote a multi posting ? Where does this kind of
> jargin come from ?

I would tell you about a Monty Python restaurant skit, but sadly I must
confess that this show also came from the same part of the UK which is in
conflict with the net convention :-(

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

5033. Want FT-102 schematic or service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: dsnowden@ccd.harris.com
Message-ID: <49utud$tmkp@rs2.ccd.harris.com>
Source record: 209477

need scehmatics or service manual for the FT-102.

Doug N4IJ dsnowden@cdd.harris.com

--
Doug Snowden
dsnowden@ccd.harris.com

5034. Re: Yaesu Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: "Earl D. Sharp" <esharp@erinet.com>
Message-ID: <30C3A3D7.63EA@erinet.com>
Source record: 209478

Barry Dorfman wrote:
>
> cbq@glenqcy.glenayre.com (Curtis Quist) wrote:
>
> >Does anyone have the address or phone number for Yaesu. If so could you
> >please email them to me. My address is cbq@glenqcy.glenayre.com
>
> >thanks ahead of time
> >curtis
>
> 17210 Edwards Rd. Cerritos CA 90701
> 800-255-9237 310-404-2700 FAX: 310-404-1210

I just had occasion to contact them:

Yaesu U.S.A.
U.S. Headquarters
17210 Edwards Road
Cerritos CA 90703
TEL: 310 404-2700
FAX: 310 404-1210

Your Welcome

WE8M

5035. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <818147625.12251@pinetree.microserve.com>
Source record: 209479

turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) wrote:

>Anyone think about the real limits of DSP? I have wondered how
>much a really powerful machine could do. Suppose we wanted to
>do DSP at a "real" Intermediate Frequency, say 9 MHz. How often
>do I need to sample to do a good job for DSP? How much of the
>processor time would be needed for the algorithm? Can we ever
>get there?

We're almost there now. Video production/editing equipment (DSP)
already handles signals with bandwidths greater than 5 MHz. This
technology is undoubtedly going to spill over into our equipment
in the near future.

I predict that in a couple more years, the current wave of Amateur
DSP units will be as obolete as 88 mh toroids.

73,
Jack WB3U

5036. icom ic706 web site correction (blush)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Dec4094832@rinhp750.gmr.com>
Source record: 209480

Last week I reported that there is a web site where one could find the RSGB staff report on the icom 706 multiband multimode radio. I gave the wrong URL. Here, direct from my cut-n-paste buffer is the CORRECT URL. I'm sincerely sorry for any inconvenience I may have caused anyone. http://www.worldserver.pipex.com/nc/icom/icom706r.htm

It's bad enough to make a typographical error and be caught, but to make it on an international forum is quite a different matter.

Thanks to Richard Dowling <rpd@alaska.net> for kindly pointing out my error.

--
Val Breault vbreault@gmr.com \ /| ars N8OEF
GM R&D Center - instrumentation dept. \ / | pres GM ARC
My opinions are not necessarily those \ /__| HF mobile on
of GM R&D or of the GM Corporation. \/ |___ 14.200 +/-

5037. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: James Mills <jmills>
Message-ID: <1995Dec4.113508.31720@ucl.ac.uk>
Source record: 209481

>Suppose we wanted to do DSP at a "real" IF, say 9 MHz.

Well, Nyquist's Theorem states that maintain the information conteained in your real-time signal, the discrete time signal must have a minimum sample frequency of double, ie 18 MHz. However, the greater the sample frequency the greater the resolution, a practical solution would be three times, ie 27 MHz.

Yours

James Mills

jmills@ee.ucl.ac.uk

5038. Re: Hams please read ....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: smason@agt.net
Message-ID: <4a00l7$5r5@news.agt.net>
Source record: 209482
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio

In article <znr817238843k@Digex>, croaker@access.digex.netï¿½ says...

>Internet lore: the term was derived from the Monty Python skit, were 'spam'
>was said/sung numerous times. It was a really funny skit, too.

Bloody Vikings!!

I guess Nye Vikings to get back on topic...

Steve

5039. FS:Yaesu FT-530 HT $300

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: lfreitas@mitre.com
Message-ID: <lfreitas-0412951443110001@lfreitas.mitre.org>
Source record: 209483

I have a FT-530 that is not getting very much use. There for I would like
to sell it. The 530 comes with:

7.2V 600ma Battery
Battery Charger
MH-12 Speaker Mike
C-DC-5B Power adapter for the Car
Operating Manual

The 530 will be sold as a package only and is located in Massachusetts.
My price is $300 firm for this radio package. If you are interested in
this radio or need more information contact me via e-mail
lfreitas@mitre.org. Thanks 73
de N1KLF Larry.

5040. Discrete HF Antenna for Apartment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: sgoldberg@psu.edu
Message-ID: <sgoldberg.2.0A019197@psu.edu>
Source record: 209484

Does anybody know of a small, discrete antenna that can be used in an apartment? I have only a small attic space (not tall enough for a vertical, not long enough for a full dipole), and cannot have anything visible outside. Does anybody have any experience (good or bad) with the AEA Isoloop?

Hoping for a creative, and cheap, solution.

Thanks,

Steven Goldberg
KJ5IL

:============================:
: Steven F Goldberg :
: Hershey, Pennsylvania :
: sgoldberg@psu.edu :
:============================:

5041. MODIF for IC-2GXAT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: "Danny B&#65533;lisle"
Message-ID: <49vc43$6t1@news.worldlinx.com>
Source record: 209485

Hello!
My name is Danny (VE2DKA) from Qui¿½bec, Canada and i would like the
modification for my Icom IC-2GXAT (Transmit and received).
If you have it, please send my it at my E-mail.
dbelisle@rocler.qc.ca
Thank you very much!!!
Danny Bi¿½lisle, VE2DKA.

5042. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDJ2J50.ELL@netcom.com>
Source record: 209486

In article <515.818051586@safety.ics.uci.edu> turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) writes:
>Anyone think about the real limits of DSP? I have wondered how
>much a really powerful machine could do. Suppose we wanted to
>do DSP at a "real" Intermediate Frequency, say 9 MHz. How often

I think the three basic issues are sampling rate, extent of processing per sample, and the A/D-D/A conversion resolution (bits of conversion).

I think we're a long way from 9 MHz IF DSP - Kenwood's TS870 has as I recall a 11 _kHz_ IF where the DSP is done. As the intermediate frequency is raised you'll need to sample proportionally faster, but I also suspect will have to do more computing "work" per sample to create the sharp-cutoff "boxcar" filters we all like. The other challenge I suspect will be around for a long time is the relationship of conversion resolution to receiver dynamic range - without enough conversion accuracy weak signals could just get lost in the round-off error of the conversion process, and higher conversion accuracy again points to more computing "work" per sample. I think the last problem (conversion accuracy) is not such a big deal with audio DSPs because audio DSPs work post-AGC in the receiver (which gives you only a narrow span of signal levels to deal with), but pre-AGC (where _I_ would want my DSP action to occur) exposes the DSP to ajacent signals of widely differing signal levels.

Nothing like being a wet blanket...

73 Dave WB0GAZ dgf@netcom.com

5043. TH-79 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: behrens@ita.fhg.de
Message-ID: <49u8ha$307@news.fhg.de>
Source record: 209487

Hello YLs und OMs,

did anyone have the MARS-modification for the TH-79 ?

What is the frequency-range after the mod ?

Thanks...!
DL6OBU@DK0MAV.DE

Volker Behrens

behrens@ita.fhg.de

5044. Re: my old Robotics 1200 Baud Modem--Any use?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: demetre@helios.intranet.gr
Message-ID: <49uamk$eeb@helios.intranet.gr>
Source record: 209488
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

John A. Sutliff (sutliff@crd.ge.com) wrote:
: I have an old Robotics 1200 baud external modem.

: Are there any uses I could put this to in conjunction with my
: transceiver (IC706)??

The best use for a 1200 Baud external modem is for a paper weight !

73's

5045. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-04 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <49vf7o$dhe@hg.oro.net>
Source record: 209489
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

davidst1@aol.com (DavidSt1) wrote:

>You're not alone, Lewis. I used to live in Austin and visited
>AARS a few times. They were surly, unhelpful and
>had a general "yeah, whadda YOU want?" attitude.
>So chalk me up as being on your side on this one.
>Dave AB5S/7

I can't argue with the article on AARS because I've never BEEN to
Austin, much less shopped there.

However, AES down in Las Vegas has a person on staff named Squeak who
for my money is the sharpest, easiest to get along with ham radio
sales person I've ever had the pleasure of dealing with. If you have
a question that Squeak can't answer, you've got yourself one hell of a
question.

I've got nothing to do with AES other than being a satisfied customer.

Jim

Jim Weir VP Engineering | "We seem to be standing on
RST Engineering | the foreskin of technology."
Grass Valley CA 95945 | (Gen Chuck Yeager)
voice/fax 916/272-1432 |
rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

5046. Re: Kenwood IF-232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <818200858702@lss.humnet.humberc.on.ca>
Source record: 209255

> Howdy! I am still looking for a diagram to build a Kenwood radio computer
> control similar to the IF-232, using 1488/1489 quad line drivers.
>
> Anyone out there have a diagram I can have?
>
> Thanks and 73! Fred kq6bc
>

Hi Fred...don't bother with 1488/1489 driver/receivers.
You need 3 supply voltages or a voltage doubler/inverter if you go this
route.
Check out the MAX232 (by Maxim) or the Motorola equivalent. THese
chips have 2 receiver and 2 drivers PLUS a charge pump and inverter...
this provides the necessary +/- 12v using a single 5v supply.
I made an IF232 equivalent circuit using a MAX232 and an opto-isolator
chip for much much less than Kenwoods version. (< $10)

Leave me e-mail if you want more details.

Hugh Duff VA3TO

• NFX v1.3 [000]

5047. IC-820 vs FT-736 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: e89_bond@etek.chalmers.se
Message-ID: <1995Dec5.135802.6618@etek.chalmers.se>
Source record: 209305

Hi there!

We will get a new 2/70 rig for our club station (SK6AB), and at the moment the Icom IC-820 and the Yeasu FT-736 seems to be the most interesting rigs on the market. It will be used for/with:

- Preamps and power amps on both bands

- 1k2 and 9k6 packet

- Satellites

- Microwave transverters from 2 m to 23, 13, 6 and 3 cm.

- All modes...

If you have any suggestion, experience or warnings for us, please write to this group or me, thank you!

73 de Fredrik

5048. Yeasu FT-101E For sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: mdgolden@cacd.rockwell.com
Message-ID: <4a1qpf$18g@newssvr.cacd.rockwell.com>
Source record: 209306

I have an FT-101E for sale. Mic, AC and DC power cords. Manuals. Great shape. Need $200 OBO and I ship.

Mike

5049. Re: getting rid of computer noise

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Friedemann Heyer <friedemann.heyer@bnr.ca>
Message-ID: <4a1qud$1k5@crchh327.rich.bnr.ca>
Source record: 209307

You say ....took off the antenna cable from rig and no more
>noise

Just to test the mail and ....

Seems that you're not using a coax cable for that. With coax there should be no noise anyway. As I'm prabably going to buy me an FT990 as well this is interressting for me.

5050. Re: Info on Ten-Tec 6M xverter?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: jayk@fc.hp.com
Message-ID: <4a251l$1b0@fcnews.fc.hp.com>
Source record: 209308
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Mark Monninger (markem@primenet.com) wrote:
: Does Ten-Tec still sell the 6M transverter kit they offerred a couple years
: ago? Does anyone have any experience with it? I believe it uses a 20M IF,
: right? I'm thinking it might be an interesting companion to a 20M SSB QRP rig.
: Comments? Opinions?
: 73... Mark AA7TA

I bought a new one (assembled) from TenTec back in June. Its a great little
unit. Puts out ~10 watts and has good RX. I use the xverter with a FT-1000D
and its much better selectivity wise than my older 6m multi mode.

73, Jay K0GU jayk@fc.hp.com

5051. Re: IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DJ4MEC.KyE@iglou.com>
Source record: 209309

: Does ICOM advertise this as a QSK rig?

Y E S
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

5052. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: timpayne@minn.net
Message-ID: <timpayne-0512950931060001@dialup-52.minn.net>
Source record: 209310

In article <4a02e9$7ja@frodo.smartlink.net>, akastu@smartlink.com (stu) wrote:

> rhyolite95@aol.com (Rhyolite95) wrote:
>
> >Yes I remember someone getting the factory fix which involved removing the
> >pump from the tank and installing filters. If I remember correectly the
> >fix was marginal and required more filtering outside the tank. Try some
> >ferrite chokes on the fuel pump leads first and make sure the tank is
> >grounded well.
>
> I must have missed the object of this reply. Would you tell me what
> problems exits with the fuel filters in Explorers? I recently hard
> wired a 2 mtr into mine and, so far, have had no trouble. I hope none
> developes. I noticed that with my HT, I can accelerate while using
> cruise contron when hit the ptt switch. I don't have that problem now
> using the mobile at 50watts.
> Stu

I have a 1993 Explorer with a Kenwood 742A with 2m,220, and 440
installed. I have two seperate antennas. One, a COmet BC-10 2m/440, and
the other a quarter wave 220. I experience the same problem when
transmitting. Sometimes the cruise control will accelerate, sometime
deaccelerate. When the vehicle was wet a couple of weeks ago, even the
rear wiper would cycle on/off!!! Really wierd..I assume that Ford really
never decoupled their computers or feed lines very well. I never
experienced anything like that with my Toyota 4-Runner prior. I have
heard and read a lot of people having the same identical problems though..
73,
-Tim

5053. Need Santec Walkie Documentation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: kmuse@radware.net
Message-ID: <4a1rh0$2uj@ionews.ionet.net>
Source record: 209311

I have a santec walkie I came across. It has a display step problem.
I don't even know how to set it up. Anybody got a book or service
manual??

5054. Re: Need interconnection cable for HP 8505 Network Analizer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: pieter.ibelings@sciatl.com
Message-ID: <4a2dhg$11ae@stealth.mindspring.com>
Source record: 209312
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I am in desperate need of a pair of cables that go between the display unit and the RF unit on the HP 8505 Network Analizers. I just purchased 2 of these and cannot use them because I don't have the cables. Please point
me to where I can get these. The cable has 5 or 6 coax connections and around 17 other connectors.

73's
Thanks
AC4OP
Pieter Ibelings

5055. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: landers@dbsun.vitek.com
Message-ID: <4a2d1h$ad5@dbsun.vitek.com>
Source record: 209313
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

In article <4a1430$8bl@worf.qntm.com> Russ <rdaniels@.com> writes:
>I remember when Spam was a really great processed food product.

Just what were you eating before you tried Spam????

73, Rod WI0T

5056. Re: my FT530 battery pack is dead!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: ae414@freenet.hamilton.on.ca
Message-ID: <4a2962$3se@main.freenet.hamilton.on.ca>
Source record: 209314

Andrew Litt (ajlitt@mail.utexas.edu) wrote:
: I have had an FT530 for about 2 1/2 years now, and it's given me outstanding
: service all the while. Unfortunately, my battery pack (7.2v 600mAh FNB-26)
2 1/2 years is great on one pack mine lasted about 18 months.

: first big question is: how do you get the thing open? There seem to be no
: screws or clips holding it together. Also, once I do get the pack open, should
Try putting it in the freezer (yes I said freezer) then giving it a
good wack and pry with a screw driver. Is this a sure fire method, No.
Could you ruin the pack, Yes. If the pack is dead anyways what do you
have to loose. To put it back together try some epoxy or crazy glue.
This trick worked for me, but I think I was lucky.

: I replace all of the cells,

Replace them all. You must have a matched (or close to) pack.

--
Harland MacKenzie, B.Eng., M.Eng.
Dundas, Ontario
harland@freenet.hamilton.on.ca
g8716385@mcmail.mcmaster.ca
VE3HMI on 146.43

5057. IC-706 mods clarification

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <4a0u5h$ee@crow.cybercomm.net>
Source record: 209315

I have all of the posted Ic-706 mods as far as D59 and the yellow wire
are concered..I have a question about the D59 mod. It seems some of
the listed mods mention that D59 opens VHF (118-174) as well as HF..
One other post mentions that it only opens HF..Another mentions it
opens expanded HF full power and Expanded VHF only milliwatts.....
can anyone straighten this out..I don't even have the 706 yet and
am planning on getting one early spring..(maybe Santa will surprise me).

Steve, wa2nhz
stever@raven.cybercom.com

5058. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: cliffor1@ix.netcom.com
Message-ID: <4a2m6a$6kb@ixnews8.ix.netcom.com>
Source record: 209316

>> rhyolite95@aol.com (Rhyolite95) wrote:
>>
>> >Yes I remember someone getting the factory fix which involved
removing the
>> >pump from the tank and installing filters. If I remember correectly
the
>> >fix was marginal and required more filtering outside the tank. Try
some
>> >ferrite chokes on the fuel pump leads first and make sure the tank is
>> >grounded well.

>I have a 1993 Explorer with a Kenwood 742A with 2m,220, and 440
>installed. I have two seperate antennas. One, a COmet BC-10 2m/440,
and
>the other a quarter wave 220. I experience the same problem when
>transmitting. Sometimes the cruise control will accelerate, sometime
>deaccelerate. When the vehicle was wet a couple of weeks ago, even the
>rear wiper would cycle on/off!!! Really wierd..I assume that Ford really
>never decoupled their computers or feed lines very well. I never
>experienced anything like that with my Toyota 4-Runner prior. I have
>heard and read a lot of people having the same identical problems
though..
>73,
>-Tim

FORD ARTICLE # 95-11-3 (portions copied here)

A "Whinning/buzzing" noise in the speakers of the entertainment radio or
two way radio on vehicles with an in-tank electric noise from the fuel
pump.

Correction:
Install an electronic noise RFI filter (F1PZ-18B925-A) on the fuel pump
inside the fuel tank. Refer to the following Test Procedure to confirm
that the concern exists, then refer to the Service Procedure for repair
details.

Note: Some light trucks require one (1) RFI filter for each in-tank
electric fuel pump on Mulit-tank vehicles.

Test Procedure:
Fuel pump radio noise is relatively constant and changes only slightly
with vehicle speed. If the frequency of the noise varies or the noise
comes and goes with the vehicle speed, then it is not the fuel pump and
this fix will not be effective. The following procedure will help
determine if the fuel pump is the cause of the radio noise.

1. Turn on the radio before the key is turned on (assuming the radio will operate without the ignition key. You may need to put the ingnition key in the accessory position).

2. Turn the ignition key to the RUN position (do not start the engine).

3. The fuel pump should run for about 1 second witht he key in the RUN position with the engine not running. Listen for the noise in the radio. If the noise is present while the pump is running and stops when the pump stops then the noise is being generated by the pump and this procedure should help.

1. Remove the fuel pump sender assembly from the fuel tank. Refer to the appropriate Service manual, Section 24-35 for cars/light trucks and Section 10-01 for compact trucks, for removal procedure.

2. ON vehicles without fuel delivery module, remove the negative and positive connectors from the fuel pump.

a. Cut the wires to the fuel pump 3" from the flange of the fuel pump and discard the wires.

b. connect the RFI filter connectors to the spade terminal on the fuel pump.

c. Cut and solder both the red and black wire of the RFI filter to the red and black wires of the flange. Use shrink tube over the solder connections.

The above in the entirety, including diagrams, can be obtained from

Patrick Quinn
Ford Motor Company
835 Mason - Suite 200
Dearborn, MI 48124

Article TSB 95-11-3

5059. FS: Drake T4X, R4A, etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Robert Alan Gregory <greg4100@spacelink.msfc.nasa.gov>
Message-ID: <Pine.SOL.3.91.951205174928.7032B-100000@spacelink>
Source record: 209317

For Sale: Drake T4X transmitter & pwr supply; R4A w/sprkr;
manuals.
Excellent working condition. Appearance is good, although there
are some warn marks around the controls. The units cover
160-10 meters minus the WARC bands.

Price: $200 plus shipping. Email me, if interested.

73, Robert/KD7H

Robert Alan Gregory Email:greg4100@spacelink.msfc.nasa.gov

5060. FS: Ranger 2950, Wilson 1000, Palomar 200w

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: pplant@primenet.com
Message-ID: <pplant-0512951738030001@ip002.phx.primenet.com>
Source record: 209318
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.swap,rec.radio.swap

For Sale:

Ranger RCI 2950, peaked & tuned by reputable radio technician at local ham radio store.. on low power, this unit deadkeys 2w and swings to 16w at full modulation. high power deadkeys at 9w and swings to 25w. Sideband PEP is 35w.

Wilson 1000 is the white magmount model.

Palomar 200 deadkeys 150w and swings to 220w on high power.. (3 power settings, with preamp)

People tell me that this setup sounds crystal clear and viciously LOUD, even with the stock microphone. I bought everything about 2 months ago, played with it for about a month, and it's been sitting in my closet since. I finally have a HAM liscense now and I have no need or desire to own CB equipment.. I've got my eyes on a nice VHF/UHF all-mode radio and I must liquidate this stuff in order to afford it.

$425 takes everything... I do not want to part it out. this price is FIRM.

****
pplant@primenet.com
Stephen Sviatko
(.sig under construction)
****

5061. IC-706 VHF Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <4a242f$gcp@crow.cybercomm.net>
Source record: 209319

Does D59 mod open up VHF on the IC706? If it does is the TX range 118-174 mhz?
What is the power output over that range?

Steve, WA2NHZ

5062. IC-706 "Band Scope"

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512050306.AA26645@shelob>
Source record: 209320

The IC-706 , when in the band scope mode is sweeping the VCO, unlike
a spectrum Analyzer with an adjustable IF filter Bandwidth, that's is
why the audio is muted, in the Spectrum Scope mode.
For a true Analyzer with adjustable IF filters, the radio would be a LOT
larger in size and more expensive.
For what it is, its a nice feature, but to scan and listen to fixed
frequency at the same time, I think is not possible.
Maybe someone else can verify this.
73
Mike
WB6DJI
Enjoy my IC-706, its a great little radio!!!
Traded in my semi-new Kenwood TS-50 for it!!

Date: Mon, 04 Dec 1995 14:06:11 GMT
From: aa0yt@mo.net (Colin Wright)
Subject: IC-706 "Band Scope"

Just got my new IC-706 in and I love it! Haven't done the "yellow
wire" mod... waiting for bravery -- or tomfoolery! -- to set in. I
have a question, however, for you modification folks.

Has anyone seen a way to mod this rig to leave the volume on (pinned
to the frequency you are listening to) while letting the band scope
scan the band for you. During openings, it might be nice to be able
to talk to someone, and see that there's some activity up the band.
Just a thought!

Thanks!

Colin R. Wright, AA0YT
aa0yt@mo.net
http://walden.mo.net/~aa0yt

5063. Re: Kenwood TM-732 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DJ4qsB.6I4@avalon.chinalake.navy.mil>
Source record: 209321

I had to get a new mike!!!!! Seems to be a mike problem. My 541 mike
has been giving me similar problems.

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-----------------------------------------------/
```

5064. Re: KDK model 2015R MARS-CAP or other mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0512951755380001@paul_nix.aud.alcatel.com>
Source record: 209322

In article <49t7pq$nd9@gw.PacBell.COM>, jaminge@pb2esac.esac.pacbell.com (John Minger) wrote:

> Does anyone have information about the MARS-CAP modification for a
> KDK model 2015R 2-meter mobile, or any other mods or useful stuff?
> I'm posting this for a friend. He does have the owner's manual already.
> This is about a vintage 1977 radio as far as we can determine.
>
> Thanks, 73, John

John:

I've got a KDK 2016A (a little newer than the 2015), and I believe there was one, and perhaps 2 or 3, 'conversion' articles in the magazines, for at least some of the KDK gear, to expand their coverage (check "73 Magazine" for the late 1970's).

I think the 2015 & 2016A were reasonably similar. Best I can recollect, the synthesizer takes parallel BCD data, and with its discrete circuitry (ie. not surface-mount like the new stuff), it's not too hard to tie-in modifications.

73

Paul Nix (WB5AGF)
(e-mail: Paul_N_Nix@aud.alcatel.com)

5065. Re: getting rid of computer noise

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <4a25qn$gcp@crow.cybercomm.net>
Source record: 209323

See if computer is radiating noise back though AC line..
RX could be picking it up through it's antenna..I had the
problem years ago with Apple 2, and good line filter on
computer solved problem.

Steve, wa2nhz

5066. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.951205112043.25922A-100000@avatar.avatar.com>
Source record: 209324

On 30 Nov 1995, James W. KELLEY wrote:

> OTOH Gary, how much did a computer cost in those days? Or a video tape
> recorder? Ham gear *should* be a lot cheaper today than it was back then.
> And it should be cheaper still. Yes, the displays are still fairly pricey
> as well as the final transistors, but these companies are making some very
> handsome profits in this business.
>

You're comparing apples with oranges. Cost has a lot to do with volume.
How many computers are being sold for each ham rig? How many camcorders
are being sold for each ham rig?

Kory
KE6VWO

5067. Re: Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DJ3HL5.GLF@eskimo.com>
Source record: 209325

In article <49r5b6$eki@crow.cybercomm.net>,
Stephan Rashkin <stever@raven.cybercom.com> wrote:
>Ya know Jack, I never thought of it that way, but wow I feel
>even better knowing I saved someones life.. :o\
>
>Steve, wa2nhz
>
>

But now, of course, the sales and marketing guys will be lined up against the wall....

W7LZP

5068. Re: Info on Ten-Tec 6M xverter?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: landers@dbsun.vitek.com
Message-ID: <4a2ehm$ati@dbsun.vitek.com>
Source record: 209326
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <markem.180.0006FDE8@primenet.com> markem@primenet.com (Mark Monninger) writes:
>Does Ten-Tec still sell the 6M transverter kit they offerred a couple years
>ago? Does anyone have any experience with it? I believe it uses a 20M IF,
>right? I'm thinking it might be an interesting companion to a 20M SSB QRP rig.
>
>Comments? Opinions?

I bought a Ten Tec 1208 20 meter to 6 meter transverter at Dayton'95.

Costs $90.00 and works real well. Goes together pretty easy. Has 6-8 watts
out for 5 watts in.

73, Rod WI0T

5069. FORSALE:FT-767-GX

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: MYMJ78A@prodigy.com
Message-ID: <4a2i6m$1t8m@usenetp1.news.prodigy.com>
Source record: 209327

SUBJECT: FORSALE FT-767GX
JUST IN TIME FOR CHANNUKAH, CHRISTMAS, OR KWANZAA. SELLING YAESU FT-767-GX HF XCVR IN EXCELLENT TO MINT CONDITION. INCLUDED ARE BRAND NEW,NEVER OPENED MODULES THAT ARE DESIGNED FOR THIS RADIO, A 2M AND A 6M MODULE. EQUIPMENT BEING SOLD BY THE WIDOW OF A SILENT KEY. ASKING $1000 OR BEST OFFER TO ASKING PRICE. I AM POSTING THIS FOR HER, DO NOT EMAIL INQUIRIES TO ME BUT RATHER CALL HER RE: THIS EQUIPMENT. IT WILL NOT BE SPLIT OR BROKEN UP SINCE MODULES ARE NO LONGER AVAILABLE AND ARE NOT MANUFACTURED BY YAESU ANY LONGER. INQUIRIES FROM PRINCIPALS ONLY PLEASE. EQUIPMENT WILL NOT BE SOLD TO AN UNLICENSED HAM. IF YOU DON'T HAVE A LICENSE DON'T BOTHER TO CALL. IF YOU HAVE A LICENSE (HAM) PENDING PLEASE INQUIRE. HER NAME IS MARCIA AND SHE CAN BE REACHER IN CONN @ 1-203-235-9275.
PICK-UP PREFERED, BUT UPS SHIPPING (U-PAY) MAY BE POSSIBLE. MIKES, ORIGINAL BOXES, AND MANUAL ARE AVAILABLE FOR THE ABOVE PRICE.

5070. Re: ICOM 737 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: cmoore@vegas.ch.intel.com
Message-ID: <4a21mj$18jo@chnews.ch.intel.com>
Source record: 209328

In article <EQUIPMNT.F92F@hal.apk.net>, <roger.boehnlein@hal.apk.net> wrote:
>
> I have an ICOM 737 about 3 yrs old and it is starting to act up. The
>bottom 50khz of all bands. Sounds like one of the vco's not being stable,

Hi Roger, sounds like the problem I had with my ICOM 725. The Phase-Locked-Loop locks sometimes and sometimes not. It's probably a simple adjustment but I sent mine to ICOM to be recalibrated.

73, Cecil, KG7BK, OOTC (not speaking for my employer)

5071. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <4a0tsg$ee@crow.cybercomm.net>
Source record: 209329

I have all of the posted Ic-706 mods as far as D59 and the yellow wire
are concered..I have a question about the D59 mod. It seems some of
the listed mods mention that D59 opens VHF (118-174) as well as HF..
One other post mentions that it only opens HF..Another mentions it
opens expanded HF full power and Expanded VHF only milliwatts.....
can anyone straighten this out..I don't even have the 706 yet and
am planning on getting one early spring..(maybe Santa will surprise me).

Steve, wa2nhz
stever@raven.cybercom.com

5072. IC-706 Frontend Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: jeff@sec.sel.sony.com
Message-ID: <4a2ir8$nbu@usenet1.sjc.in.sel.sony.com>
Source record: 209330

I just heard from a contester that the front end (HF) overloads badly on strong signals. Can anyone confirm this?

It probably won't be a problem as I want to use the rig mobile but it would be nice to know.

Thanks,

Jeff
--
Jeff WU2A/6
reply to: jeff@sec.sel.sony.com
phone: (408) 955-4116

5073. Re: Hamstores in Seattle

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Louis Mousseau <genem@u.washington.edu>
Message-ID: <Pine.A32.3.91j.951205225901.57017A-100000@homer03.u.washington.edu>
Source record: 209331

The local "candy store" is Amateur Radio Supply Co. at 5963 Corson Ave. S. #140. The phone number is 767-3222. Take the Corson/Michigan exit from either north or southbound I-5 and it's on the right in the strip mall before you get to Michigan.

73
Gene

On 3 Dec 1995 100553.1214@compuserve.com wrote:

> I'm staying in Seattle until Tues 5/12/95 , where are the best
> ham stores to visit?
>
> Any other good ham related events etc ?
>
> Jim G7NKS
>
>

5074. Yaesu Telephone Num 5/10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10763.7583.0NFBB9C6@woodybbs.com>
Source record: 209332

Subject: Yaesu Telephone Numbers

(Continued from previous message)

- alternative procedure
- note: this short-cut requires you to enter 430.00 MHz
in step 1.

5. Press RPT twice for a "+" (plus) indicated
repeater offset.
6. Press REV once.
7. Press RPT twice to select the "-" (minus) repeater offset.
8. Press REV once. You should have 1030.00 MHz displayed.
9. Press F/M and hold the down-arrow stopping at 999.00 MHz.
10. Press REV once. You should have 399.00 MHz displayed.
11. Press F/M, then hold the up-arrow) key to increase the
displayed frequency. Stop at 400 MHz.
12. Press RPT twice to select simplex operation.
13. go back to #9 in previous list

Steps for setting the UPPER VHF limit to 200 MHz.

1. Program the frequency for 140.00 MHz *SIMPLEX*.
2. Press F/M, then RPT for the offset.
3. Enter the code 0000 into the keypad.
4. Shut the transceiver off, then turn it back on.
5. Press RPT twice (for a "+" (plus) indicated offset).
6. Press REV *ONE* time.
7. The radio should now display 1140.00 MHz.
8. Press F/M, then hold the down-arrow key to decrease the
displayed frequency. Stop at 800 MHz.
9. Press RPT twice to select the "-" (minus) repeater offset.
10. Press REV once. You should have 200.000 MHz displayed.
11. Press RPT twice to select simplex.
12. Store this in the "U" memory. (See above steps...)
13. Press F/M then RPT then enter 0060 (600 Khz repeater
offset) then press RPT again.

Steps for setting the LOWER VHF limit to 100 MHz.

1. Program the frequency for 140.00 MHz *SIMPLEX*.
2. Press the F/M, then RPT for the offset.
3. Enter the code 0000 into the keypad.

4. Shut the transceiver off, then turn it back on.
5. Press RPT twice (for a "+" (plus) indicated offset).
6. Press REV *ONE* time.
7. The radio should now display 1140.00 MHz.
8. Press F/M, then hold the down-arrow key to decrease the
displayed frequency. Stop at 1100 MHz.
9. Press RPT twice to select the "-" (minus) repeater offset.
10. Press REV twice. You should have 100.000 MHz displayed.
11. Press RPT twice to select simplex.
12. Store this in the "L" memory. (See above steps...)
13. Press F/M then RPT then enter 0060 (600 Khz repeater
offset) then press RPT again.

Notes: To use the higher frequencies you have to select the "U"
channel and press MR. This puts the handheld in the "MT" (memory
tune) mode. From there you can scan down or use the (DIAL) knob to
go to a lower frequency. ...Likewise for the lower frequency
memory. Any frequency selected using this method can be stored in
any memory.

My radio will not let me go up in frequency, only down. If I try, the
rig will default back to the original ham band. I had to be careful
when doing these mods.

One trick I found when initially setting up the VFO with the
expanded upper and lower frequencies is that in steps 5 (and 9) if
you select "+", pressing REV adds 1000 MHz to the display or
subtracts 1000 MHz if it has already been added. If you selected
the "-" (minus) repeater offset, pressing REV will subtract 400 MHz
if the displayed frequency is 1000 MHz or higher, or subtract 600
MHz if the displayed frequency is below 1000 MHz, until any more
subtractions would run the frequency negative, after which it
alternatively adds or subtracts 600. You can mix the up-arrow
down-arrow method with the "+ -" offset/REV combination to reduce
the time getting to the desired frequency. With these tricks, many
permutations can be found to get where you want to be very quickly.

I have discovered the code "5555" works as well as "0000" for the
enabling code.

Attributed: fletcher@lode.uwyo.EDU (Walter Reid Fletcher, WB7CJO)

-=-

Fix One-Way Tune Bug in Expanded Receive:

Effect: Allow tuning in both directions when software range extend

(Continued to next message)

5075. FT736 vs. TS790: pros and cons?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: sw@cellware.de
Message-ID: <4a2351INN469@midas.cellware.de>
Source record: 209333

Hi out there,

with christmas comimg closer I' thinking of some new VHF/UHF rig for my new shack (I moved). I also want to be able to work satellites.

Some OM recommended the FT736 and others the TS790. Since there are quite some bucks to be spent for such equipment I'd like to hear some pros and cons about them from people who actually are using them. Maybe there are even more good boxes to be considered?

PM or post - as you like it.

vy 73,

_____ ____
| Stefan Wimmer / c / e / l / l / w / a / r / e / |
| Breitband Technologie GmbH |
| Tel: ++49(30)4670 8235 Gustav-Meyer-Allee 25 |
| Fax: ++49(30)4630 7658 13355 Berlin, Germany |
| Email: sw@cellware.de |
| AX.25: dd6fm@db0gr.bln.de.eu WWW: http://www.cellware.de/ |
|_____|
Do 't tou h the f op ydi ks su f ce!

5076. Yaseu FT-40 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <1746B12A93S86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 209334

I would be interested in any user reports on this new HT.

5077. Re: getting rid of computer noise

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <818226571.7006@pinetree.microserve.com>
Source record: 209335

Darryl Goebel <dgoebel@execpc.com> wrote:

>My computer tears up my TS-950 ONLY when I run Windows!
>If I stay in DOS, everything's cool. Load Windows and I get 3 S-units of
>noise!! Any suggestions??

Mine does the same thing. I wonder if Windows meets Part 15 rules?
Maybe Microsoft has RFI software available to fix this. ;)

73,
Jack WB3U

5078. Need info on Uniden DX-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: geezer@primenet.com
Message-ID: <4a15pm$ltl@nntp3.news.primenet.com>
Source record: 209336

I have a Uniden/Bearcat DX-100 mfg by GRE, circa 1980's. I need info re: the rf protection diodes which may (or not) be blown. Any and all help appreciated.

Reply this newsgroup or geezer@primenet.com -or- gesell@computerlink.com

Thanks :)

5079. Great for ARES/RACES Use

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10758.7583.0NFBB9C1@woodybbs.com>
Source record: 209337

Subject: Great for ARES/RACES Use

>>FOR YOUR PROTECTION, WE ARE A PARTICIPANT IN THE BETTER BUSINESS
>>BUREAU CUSTOMER SATISFACTION PROGRAM !!

This, of course, means absolutely nothing. Membership in the BBB only
takes money from a merchant - there's no "qualifications" to be a Member
other than cash.

>>Digital display PLUS 9 CUSTOM-PROGRAMMED (from your own phone)
>>preformed (FOR ARES/RACES - Can include call-out & frequency info,
>>etc.)

Interesting! What pager is this? Motorola Bravo+?

>>CALL US TO ALSO FIND OUT HOW YOU CAN
>>EARN INCOME FOR YOUR NON-PROFIT ORGANIZATION.

Please send me further information.

Fax = 909-681-6222

clint.bradford@atdbbs.com
---
* TLX v4.00 * CCITT- Can't Conceive Intelligent Thoughts Today

5080. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Gary Borich <GaryBorich@mail.utexas.edu>
Message-ID: <4a1t0n$eqr@geraldo.cc.utexas.edu>
Source record: 209338
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

As a resident of Austin. Texas, who has unfortunately frequented Austin Amateur Radio Suppy, I can attest first hand to their surly, impatient, and at times down right abrasive attitude. As a ham for over 40 years, I can not ever remember being treated so rudely when asking specific questions about an impending purchase.

5081. Re: Swan 250C problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: ka9egw@aol.com
Message-ID: <4a1bq9$g7i@newsbf02.news.aol.com>
Source record: 209339

The first thing I would check on those tubes is whether thay've gone gassy--in a darkened (not necessarily totally dark) room, inspect the tube closely while operating (NOT just the filament lit, but while the tube is actually doing some work, probably in transmit mode unless of course it's a receive-only function the tube serves) and look for signs of any purplish-blue glow down inside. My KWM2A had some gassy tubes--type 6U8A are particularly prone to this--in the audio section and everyone complained my audio sounded like crap. Yet the same mic on a 32S3 (same audio circuit) sounds fine. Don't screw around with hamfest-special tubes; these days all tubes are getting to be old enough New Old Stock that one molecule at a time, air has started to intrude. What happens is, the tube has gas, so it runs too hot, which liberates more gas, which heats it up...the end result can be a meltdown-inducer called "thermal runaway" where the idling plate current with no drive applied keeps escalating until the tube is destroyed. There is an internal structure in the tube called the "getter" whose job it is to absorb stray gas molecules--if you can put filament and plate voltage to the tube with a big enough series cathode resistor to limit the plate current to a safe value and just let it cook, sometimes they can be reclaimed this way. However, it's a pain in the ass, to put it mildly. On the other hand, you can call Fair Radio in Lima, OH and order the tubes you need--they're real good about checking for stuff like this before they ship and used-but-good tubes (actually more reliable since all the sudden-infant-death-failure tubes are already culled, HI!) are only a couple bucks apiece...of course, with an oven, a vacuum pump, and some specialized equipment...
By the way, brand-new twentyfive-buck new old stock tubes from the local tv shop in unopened boxes are no better bet than any others. I've had a real run of gassy tubes here lately--some of the industrial suppliers like Newark will stand behind their stuff, but I promise you will pay through the nose at their prices. The old JAN military surplus tubes in the manila-colored boxes seem a little better...the only other alternative is to resort to new-manufacture Chinese or Russian tubes and, frankly, their reliability sucks except maybe for the Svetlana transmitting tubes...
Anyone, everyone, please, lets keep an eye out for any further infor on how to reclaim gassy tubes--there are only so many left in the world and this will become more and more pertinent as time goes on.

Hope this helps. 73.

5082. Re: Need Santec Walkie Documentation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0512951804100001@paul_nix.aud.alcatel.com>
Source record: 209340

In article <4a1rh0$2uj@ionews.ionet.net>, kmuse@radware.net (J. Kevin Muse) wrote:

> I have a santec walkie I came across. It has a display step problem.
> I don't even know how to set it up. Anybody got a book or service
> manual??

Which Santec ?

The 2M HT1200 (itty-bitty red LED display, completely IMPOSSIBLE to read in the sunlight) or newer (LCD displays) ?

73

Paul Nix (WB5AGF)
(e-mail: Paul_N_Nix@aud.alcatel.com)

5083. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: akastu@smartlink.com
Message-ID: <4a02e9$7ja@frodo.smartlink.net>
Source record: 209341

rhyolite95@aol.com (Rhyolite95) wrote:

>Yes I remember someone getting the factory fix which involved removing the
>pump from the tank and installing filters. If I remember correectly the
>fix was marginal and required more filtering outside the tank. Try some
>ferrite chokes on the fuel pump leads first and make sure the tank is
>grounded well.

I must have missed the object of this reply. Would you tell me what
problems exits with the fuel filters in Explorers? I recently hard
wired a 2 mtr into mine and, so far, have had no trouble. I hope none
developes. I noticed that with my HT, I can accelerate while using
cruise contron when hit the ptt switch. I don't have that problem now
using the mobile at 50watts.
Stu

5084. Re: Which HF Vertical

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: "Robin S. Deputy" <102551.1500@CompuServe.COM>
Message-ID: <4a03sj$r4t$1@mhafc.production.compuserve.com>
Source record: 209342

Personally, I use the Cushcraft R7 and have received glowing reports from every station I contact. I run usually 50 watts or less on 15, 17 and 20 meters and every station I contact is hearing me just as well as I am hearing them, regardless of the power output they are running. I have mine mounted on a telescoping mast about 25 feet above ground and it holds up to the wind quite nicely. Email me direct if you would like any specific questions answered.
73, Robin Deputy, KE9SQ 102551.1500@compuserve.com

5085. Re: Looking for manual sheet metal bending BRAKES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: dwebster@chelsea.ios.com
Message-ID: <4a2d4n$bul@news2.ios.com>
Source record: 209343
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.misc,sci.electronics,rec.radio.amateur.equipment,sci.engr.mech,rec.crafts.misc,rec.crafts.metalworking

lbliao (lbliao@alumni.caltech.edu) wrote:
: I am looking to buy MANUAL SHEET METAL BENDING BRAKES FROM GEOGRAPHICALLY
: NEARBY LOCATION. Preferably used and cheap ones.

Sante Fe Avenue in Los Angeles has them by the dozen!
-Dave

5086. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: hillgen@remus.rutgers.edu
Message-ID: <4a2h30$e59@remus.rutgers.edu>
Source record: 209344
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Gary Borich <GaryBorich@mail.utexas.edu> writes:

>As a resident of Austin. Texas, who has unfortunately frequented Austin
>Amateur Radio Suppy, I can attest first hand to their surly, impatient,
>and at times down right abrasive attitude. As a ham for over 40 years,
>I can not ever remember being treated so rudely when asking specific
>questions about an impending purchase.

WOW! In the past few years, I've spent about $1200 at this establishment and found that their people were friendly and helpful. As I'm in New Jersey, I was never a walk-in customer if that makes any difference. At least over the phone, I've had no problems with them.
Jay
N2OTK

5087. Scanner Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: boinger@ix.netcom.com
Message-ID: <4a02nn$sg5@ixnews8.ix.netcom.com>
Source record: 209345

I am looking for a

Realistic 2006 Scanner.

Can anyone tell me where do get a working new/used one??

I will pay S&H costs.

E-Mail me with prices and details!

Thanks!

Mark

5088. Yaesu Telephone Num 4/10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10762.7583.0NFBB9C5@woodybbs.com>
Source record: 209346

Subject: Yaesu Telephone Numbers

(Continued from previous message)

Software UHF Receive Expansion:

Effect: extend UHF Rx to 500MHz without shrinking Tx range

How: Trick 470 into accepting big number in U register.

Caveat: This mod acts differently on different radios.

1) Turn the beep on. (Some, perhaps all, 470's require that
the key-press-beep function be on in order to do this.)
2) Program the frequency of 450.00 MHz simplex.
3) Set the repeater offset to zero (F/M RPT 0000) but DON'T
get out of the set mode (don't hit RPT again).
4) Turn the radio off then back on.
5) Set a "+" offset (press RPT twice).
6) Press the REV button one time.
7) The radio should now display 1450 MHz.(The radio will not
operate at these frequencies. My service monitor shows
that above 500 MHz the rx is very weak.)
8) Use the shifted down-arrow key to tune this frequency down to
around 500 MHz (press F/M, press and hold down-arrow). Yes,
this takes a while.
9) Store this in the "U" memory. (press and hold F/M until
you hear two beeps, rotate tuning knob until "U" appears in
upper left, press F/M again).
10) Reset the repeater offset to 5 MHz. (F/M RPT 0500 RPT)

Result: By selecting the "U" memory and the using the memory
tune fuction (select "U" memory and then press MR), you can
tune to the desired frequency and then store it in another
memory.

Bugs: Above 500 MHz, some radios will let you tune up and
down in frequency, some won't (they jump back to the ham
band). Some radios will let you enter a frequency above 500
MHz on the keyboard while in memory tune mode, some won't.

Attributed: Darrell Sego KM9S

-=-

Software Range Extention Tricks:

Effect: Force a non-standard frequency into a VFO, store this
as an upper limit in the "U" or "L" memory.

Caveat: For these steps to work properly, I had to have
"Beep" enabled and *NOT* have the "L" and "U" memories locked
out.

Steps for setting the UPPER UHF limit to 500 MHz

1. Program the frequency for 430.00 MHz *SIMPLEX*.
2. Press F/M, then RPT for the offset.
3. Enter the code 0000 into the keypad.
4. Shut the transceiver off, then turn it back on.
5. Press RPT key twice for a "+" (plus) offset indication.
6. Press REV button once.
7. The radio should now display 1430.00 MHz.
8. Press F/M then hold the down-arrow key to lower the
displayed frequency. Stop when 500.00 MHz is displayed.
9. Press RPT once to select simplex operation.
10. Press F/M and hold until you hear two beeps.
11. Rotate the (DIAL) knob until the channel "U" is displayed.
12. Press F/M again, you should hear a beep.
13. Press F/M then RPT then enter 0500 (5 MHz repeater offset)
then press RPT again.

- alternative procedure (faster but a little more complicated)

8. Press RPT twice to select the "-" repeater offset.
9. Press REV twice. Frequency shown should be 630.00 MHz.
10. Press F/M then hold the down-arrow key to lower the
displayed frequency. Stop at 500.00 MHz.
11. Press RPT twice to select simplex operation.
12. Go back to #10 in previous list...

Steps for setting the LOWER UHF limit to 400 MHz.

1. Program the frequency for 450.00 MHz *SIMPLEX*.
2. Press the F/M, then RPT for the offset.
3. Enter the code 0000 into the keypad.
4. Shut the transceiver off, then turn it back on.
5. Press RPT once (for a "-" (minus) indicated offset).
6. Press REV *THREE* times.
7. The radio should now display 050.00 MHz.
8. Press F/M, then hold the up-arrow key to increase the
displayed frequency. Stop at 400 MHz.
9. Store this in the "L" memory. (See above steps...)
10. Press F/M then RPT then enter 0500 (5 MHz repeater offset)
then press RPT again.

(Continued to next message)

5089. Yaesu Telephone Num 6/10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10764.7583.0NFBB9C7@woodybbs.com>
Source record: 209347

Subject: Yaesu Telephone Numbers

(Continued from previous message)

mods have been performed.

Due to a loophole in the tuning software, you may tune from the current frequency towards the normal operating range (430.00 - 450.00), but not away.

Unfortunately, you are still subject to the "tune one way only" syndrome. To bypass it, you must store some frequency in the "L" memory. It doesn't matter what this frequency is, but it has to be below the "U" memory and, preferably, below any other frequency you want to use. You may store a very low frequency here too (0.00MHz).

BUT, the software isn't that dumb. To trick it, both the "L" and "U" memories must be filled and active (not set for SKIP), AND you must access the out of band frequencies from the MT (memory tune) mode, AND you must start from either the "L" or the "U" memory.

To use MT:
1) Press MR and select either the L or U memory.
2) Press MR again, a small MT should appear on the left of the display.
3) You may now tune with the arrow keys, Dial knob, or directly enter frequencies with the numeric keypad.

Attributed: kd6hr.El_Segundo@xerox.com (Pete McAfee)
[ed. It looks like Pete may have been the first to discover some of these neat tricks... any comments?]

-=-

Out of Band Sensitivity:

Effect: This is not a mod. Just information.

I measured the sensitivity of my Yaesu FT-470 over frequency to see how well it holds up outside of the ham bands. I wanted to see how useful the extended receive info being handed out really was.

The measurement is a relative one. I was using an HP8657 Signal Generator, with the internal FM modulation set to 5 KHz deviation and a 400 Hz tone. I input a signal with an amplitude of -100 dBm directly into the RF input of the radio.

I noted the reading on the signal strength meter in the Yaesu. On the VHF band the number nine was on steadily, on the UHF band the number nine was blinking. As I changed frequencies I adjusted the amplitude of the signal generator to keep the signal strength meter on the Yaesu at the same level. The amount I had to crank up the output of the signal generator is the reduced sensitivity, here is the data:

VHF
freq: relative sensitivity:
136 -14 dB
140 -3 dB
144 +1 dB
146 0 dB reference point
148 -1 dB
155 -6 dB
160 -22 dB
165 -29 dB
170 -38 dB
174 -44 dB

UHF:
freq: relative sensitivity:
400 no reading, nothing, -infinity dB
401 -40 dB
402 -38 dB
405 -34 dB
410 -27 dB
420 -9 dB
430 +1 dB
440 0 dB
450 0 dB
460 -17 dB
470 -26 dB

Results: The radio is good outside the ham bands, but the sensitivity really starts to suffer. I hear the local police at 460.375 quite well, so -17 dB is still usable, but not as good as a scanner would probably be. VHF down to 100 MHz or UHF down to 400 MHz is a fantasy. As I mentioned in another post, if the frequency ranges are extended too far, you start picking up signals at the wrong frequencies. National weather service (162.4) received at 119 MHz, coast guard channel 12 (156.8) received at 200 MHz, 2 meter repeaters received around 190 MHz and again around 182 MHz. Its hard to say just what the usable ranges are, but something like 136-165 MHz in VHF and 410-470 MHz in UHF, and even then its not great at the ends of these ranges.

Attributed: frankb@hpsad.HP.COM (Frank Ball)

(Continued to next message)

• wcECHO 4.1 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

5090. Yaesu Telephone Num 7/10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10765.7583.0NFBB9C8@woodybbs.com>
Source record: 209348

Subject: Yaesu Telephone Numbers

(Continued from previous message)

-=-

Hyperscan:

Effect: faster memory scan rate.

1) Go into Alt mode by pressing [F] 2 (Alt).
2) Press the Up or Down Arrow to activate the Memory Scan.
3) When the Scans stops on a VHF frequency on the Left Display (The Main Band), Hit [F] VFO.
4) Press the Up or Down Arrow to activate the HyperScan.
5) To Stop the Function, Press [F] Alt.

Result: Faster scan rate. (Mod is non-permanent)

Attributed: KB2JFI ???

-=-

Extended RCV side effect #1:

I have found what I would consider an interesting side effect with my FT-470 now that I have performed the UHF extended receive modification. [not sure which UHF mod this is, ed.]

After I had done this mod, I found out that if I was scanning (in either Memory Tune mode or band-scan mode(between U & L)) the VHF side of the radio in the sub-band, and listening to an extended frequency in the UHF main band, the scanning would stop and revert back to whatever frequency it started from whenever a signal was received on the UHF side. (I don't know what frequency it reverts back to if you are scanning a VFO, but I do know that a similar thing happens).

Attributed: v108qhu6@ubvmsd.cc.buffalo.edu (David N Smernoff)

-=-

1750Hz tone burst:

FT470's in the UK come with the 1750 Hz tone burst option built in. It is on a tiny sub card that is wedged in down the bottom at one side. I bought one from the UK distributors and figured out how to connect it when I got back to the US. As

far as I can tell my mod is the same as would be done if it
was officially installed although the service manual doesn't
show where to connect it. It has just 3 wires, power, ground
and audio out. It is activated by applying power using the
small button above the PTT so you can press both at once to
call and then slide your thumb down to release the tone
button.

The board consists of a 2*color burst freq xtal and a
74HC4060 CMOS oscillator divider giving 7.16MHz divided by
4096 = 1748 Hz. The chip is surface mounted so they can get
the whole thing down to less than 0.5" square.

Attributed: gingell%aurfs1%aurgate@mcnc.org (Mike Gingell)

-=-=-=

5091. Yaesu Telephone Num 8/10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10766.7583.0NFBB9C9@woodybbs.com>
Source record: 209349

Subject: Yaesu Telephone Numbers

(Continued from previous message)

The FT470 is wired like an Icom. You connect the audio from the TNC to the tip of the mike plug through a capacitor and connect the PTT to the tip with a resistor. The Icoms and Yaesus use a "leaky ground" to generate PTT. The problem with this approach is there is a tradeoff between rapid PTT and audio level and response. Typical values are .1 ufd and 2.2 k ohms. The RC time constant limits TR turnaround.

A better scheme is to use a tiny audio transformer sideways like so,

```
TNC PTT----------)))))))))))))-------------> radio tip (audio)
============
TNC AF OUT-------))))))))))))----X--------> radio sleeve (gnd)
|
TNC GND--------------------------|
```

You can rip a suitable transformer out of an old transistor radio or buy one from Radio Shack.

You should carefully set the audio level so you wind up with a 3 khz deviation for your tones. Don't exceed that level or many units will have trouble decoding your packets. Make sure you have the power saver on the 470 turned off when you run packet or you'll miss the first part of every packet. This can drive you nuts because everything seems to be working but nothing prints.

One last note: put some distance between the antenna and the radio and use shielded cables on your TNC. Otherwise the RFI and RF feedback will ruin your packet operation.

Attributed: gary@ke4zv.uucp (Gary Coffman, KE4ZV)

-=-

DC power:

The 2 meter only model does have a power jack under the rubber plug, but the 470 doesn't. There's a place on the board for one, but Yaesu recomends that you use a PA-6 module instead. This is a module that mounts in place of the battery and contains regulators for running the radio and charging a battery connected to the bottom of the PA-6. This is a really

nice accessory and well worth the price.

Attributed: gary@ke4zv.uucp (Gary Coffman, KE4ZV)

-=-=-=

5092. Yaesu Telephone Num 9/10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10767.7583.0NFBB9CA@woodybbs.com>
Source record: 209350

Subject: Yaesu Telephone Numbers

(Continued from previous message)

Intermod Cure:

I sent my Yaesu 470 in to Yaesu U.S.A. almost a month ago for them to perform the modification to cure the intermod problem and got it back yesterday. They did cure the problem. There is no intermod at all on one repeater that I was previously getting killed on. There is also a noticeable improvement in the sensitivity out of band on the weather frequencies. Though my radio is almost 2 years old they did the work free of charge. I tried to have them send me the parts to do it myself but I couldn't talk them into it.

Attributed: rogerm@hpfcso.FC.HP.COM (Roger Mitchell)

-=-

Intermod Cure -- Affected Lot numbers:

There is a free factory upgrade for the FT-470 that applies to models from certain lot numbers. I believe lot #19 and lower have terrible intermod problems. Mods are made (supposedly) to IF stages etc... and sensitivity as well as selectivity are increased after the mod. There may be other lots that have problems as well (I know lot #30 has quite a number of problems ie. batt saver not functioning correctly, low output power, mushy squelch etc...). The lot number is usually the first two digits of the serial.

Attributed: Craig Lemon VE3XCL

-=-

More About Intermod:

The u2AT uses a varactor tuned front end filter to reduce intermod. It is able to knock out a lot of out of band signals while still maintaining a wideband receive capability. The tune voltage for the varactors is developed from the VCO tune line.

There is a difference between intermod and spurious. Intermods are developed when two out of channel signals mix to produce an in channel response. Third order intermod occurs when the second harmonic of one of these signals mixes with

the other to produce an in channel response. For example say there are two repeaters on 146.88 and 146.82. These two frequencies will develop 3rd order products at 146.76 and 146.94. Tuning the receiver to either of these frequencies you would hear both conversations at the same time (assuming their signal levels were high enough to cause the intermod).

A spurious response results when a single input signal, at a frequency other than the desired receive frequency, mixes with the first LO to produce an output at the first IF. For instance suppose that I am tuned to 145.21 MHz and my first IF is at 21.7 MHz (as is the case in the 470). My first LO is 21.7 MHz above 145.21 MHz or at 166.91 MHz. A signal at 156.06 MHz will generate a spurious response at 21.7 MHz since 2*166.91-2*156.06=21.7 . Thus the second harmonic of the LO mixing with the second harmonic of the spur frequency ends up in the IF. Just how susceptable the receiver is to this spur product depends upon the design of the first mixer and the gain and linearity of the preamplifer, as well as the ability of the input filter to reject 156.06 MHz. Since the VHF front end is fairly broad, the filter will do little good.

I suspect the IF frequency change in the 470 occured as a result of spurious problems, since the IF frequency should not affect the intermod dynamic range. In fact, another ham in the area brought his 470 over and we checked it for its intermod performance and it was identical to mine, however his had the original 17.3 MHz VHF IF. Thus I guess my performance is typical. From email I have received since my original posting, it appears that this type of performance is typical for dual band radios made by all of the major manufacturers.

Attributed: Jim Summers, KD7F

-=-

Finding the IF:

The Yaesu intermod fix changes both the first IF and second LO frequencies. The following changes are made:

original modified
RF Unit - XF2001 17N15AU 21R15AU
- XF2002 45N15A1 47M15AU
- L2007 4.7uH 3.3uH
- L2008 4.7uH 3.3uH
IF Unit - X3001 16.845MHz 21.245MHz
- X3002 44.615MHz 47.265MHz
IF Frequency 17.3MHz 21.7MHz
Second LO 16.845MHz 21.245MHz

(Continued to next message)

5093. Yaesu Telephone Num 10/10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10768.7583.0NFBB9CB@woodybbs.com>
Source record: 209351

Subject: Yaesu Telephone Numbers

(Continued from previous message)

You can hear the second LO frequency with a general coverage receiver in SSB mode. As suggested by Al Rabassa, wrap the FT-470 with several turns of insulated wire and connect the wire to the antenna connector of the GC receiver. The 2nd LO frequency should be received.

You can also hear the first LO with a scanner. The first LO will be at a frequency equal to the FT-470's displayed frequency plus the IF frequency.

Another way to tell is to hook up a spectrum analyzer to the antenna input (Be careful not to transmit!!!) and look at the first LO leakage. It is very easy to see on my radio (about -50 dBm). The first LO will be offset from the receive frequency by the first IF frequency. At 144 MHz the LO will be at 165.7 MHz. For receive frequencies above 157 MHz, low side injection is used.

Attributed: Jim Summers, KD7F

-=-

Opening Battery Cases:

I`ve opened several FNB-x cases in order to replace the cell pack. The procedure that I've used is very simple, but does require patience to prevent damage to the case:

1. Cut the white label with a sharp knife by following the case separation line. DO NOT remove the nut on the charging connector.

2. Pry the case halves apart by placing a thin wide bladed screwdriver into the case line on the label end.
It may be necessary to separate the black band from one case half with a knife tip when it is evident that glue has penetrated the joint. NOTE: The black band is permanently attached to one case half.

3. Use continuous pressure, not excessive force, to separate the case halves. Concentrate the separation procedure on the label end of the case. The steady pressure will allow the glue to cold flow and release its grip.

4. Yes, a frustration level will occur, but then success will
appear as the glue gives up after a few minutes.

5. Make a note of where the wires attach to the battery and
thermal switch. Also note the pack orientation.

6. Connect the replacement pack into the case and attach the
wires per your note in step 5.

7. Close the pack, charge the cells, attach to the radio for
a test.

8. If satisfied, place a spot (1/2 inch dia) of clear RTV on
each side of the cell pack and press the case together and
place it under a weight for a short time until the RTV
cures. Because of the reduced amount of glue, the case
will have a more flimsy feel than previous to replacement,
but will perform like the original.

9. For the next replacement, the RTV will give up much easier
than the original glue.

Attributed: Hugh Wells, W6WTU

-=-=-=

5094. Yaesu Telephone Num 2/10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10760.7583.0NFBB9C3@woodybbs.com>
Source record: 209352

Subject: Yaesu Telephone Numbers

(Continued from previous message)

Result: Very good crossband audio. The level is controllable
with the volume control.

Bugs: You can't listen to what is being repeated.

Attributed: Keith McQueen (N7HMF @ NV7V.UT.USA.NA)

-=-

Clone Mode:

Effect: Allow editing of transmit and receive frequencies.

1) Turn radio off.
2) Hold down F key and turn radio on.

Result: All segments of display are turned on. The radio
will send data out the microphone tip when up-arrow is
pressed. The radio will receive data when the down-arrow is
pressed.

Bugs: I have yet to hear of someone who has done this
successfully. Please tell me if you know how it works!

Attributed: szarekw@LONEX.RADC.AF.MIL (William J. Szarek)

-=-

Internal Jumper Mods:

Effect: Change radio from US to European to ???
Wide band receive

I have located a total of eight straps, four to the left of
the lithium battery, and four others under the flat white
cable that interconnects the upper half with the lower half.

Yeasu FT-470 Straps

R69 Vertical, at the 10 o'clock position by the lithium cell
R68 Horizontal, to the lower left of R69
R67 Horizontal, just below R68
R66 Horizontal, just below R67

R71 Vertical, the leftmost of three, to the left of the upper
corner of the ribbon cable connector.

R70 Vertical, the center of three of which R71 is the leftmost
R72 Vertical, the rightmost of the three
R74 Vertical, to the left of the ribbon cable connector, below
the three. (Note that R74 is below an unpopulated capacitor
that does not have a C number.

There is no R73, or at least it is not on the circuit board
and it is not in the schematic. And, yes, the order of those
three is indeed R71, R70, R72, left-to-right.

UHF CHOICES

R71	R70	R72	Rx and Tx	Rx only
0	0	0	430 to 440	430 to 500
0	0	1	430 to 450	
0	1	0	430 to 440	
0	1	1	432 to 438	
1	0	0	430 to 440**	
1	0	1	220 to 225	
1	1	0	430 to 440	
1	1	1	210 to 235	

** This is the normal European configuration.

VHF CHOICES

R66	R67	R68	R69	Rx and Tx	Rx only
0	0	0	0	144 to 146	130 to 180
0	0	0	1	144 to 146	
0	0	1	0	1260 to 1300	
0	0	1	1	1240 to 1300	
0	1	0	0	140 to 150*	130 to 180
0	1	0	1	140 to 174	
0	1	1	0	303 to 343	
0	1	1	1	8AL to 242	
1	0	0	0	144 to 148	
1	0	0	1	144 to 146**	
1	0	1	0	1240 to 1300	
1	0	1	1	404 to 444	
1	1	0	0	140 to 160	

(Continued to next message)

5095. Yaesu Telephone Num 3/10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10761.7583.0NFBB9C4@woodybbs.com>
Source record: 209353

Subject: Yaesu Telephone Numbers

(Continued from previous message)

1 1 0 1 1260 to 1300
1 1 1 0 101 to 141
1 1 1 1 1R3 to 158L
---

* This is the normal US configuration after MARS mod.
** This is the normal European configuration.

(Note: the receive only ranges are enabled by powering up the unit with the up and down arrow buttons depressed...kjm)

When there is more than one combination which has the same frequency range, the difference is the default step size and/or the default repeater offset. Of course, choices that do not match the VCO and filters do not actually transmit or receive on those frequencies. A particularly strange example is that the VHF side of the set can be set to tune from 404 to 444 MHz, but again, it won't actually lock. Even in the 101-141 mode, the VHF VCO will not lock - this must be for use with some other sort of VCO (It looks like this would cover the aeronautical band rather nicely.) There are two really wierd VHF settings, those for 8AL-242 and 1R3-158L. These must be for use with some other LCD controller - it displays truly unusual and non sequential thins when stepped through the "bands".

R74 seems to have something to do with selecting the IF frequency, or something similar. When set, it really screws up the VHF reception.

My technique for determining these straps is to remove the straps that come in the unit, solder wires to each pad, run the wires out of the unit to a bank of DIP switches, screw the unit back together, and then go through all of the DIP switch combinations. I usually use a stereo microscope and 30 guage wire for this. Since I didn't try powering the unit on with every combination of keys held down for each DIP switch combination, there may still be other secrets possible.

I was looking for something like receive and transmit from zero to infinity, but I didn't find it. I determined, from studying the schematic, that there should be a hiddem strapping diode from CPU pin 2 to CPU pin 22. I installed

one, but nothing changed. In fact, changing it and powering
the unit up did not cause a reset. Therefore, I concluded
that this really wasn't a mystery strap, afterall. However,
there could be others. I'm trying to get a data sheet for the
CPU, from Hitachi, to see if any of the grounded pins are
actually I/O pins -- they might be good candidates,
particularly if their traces are routed in such a way as to be
easily accessible for cutting.

I've learned that one of the ways to get some of the other,
new Yeasu handhelds to go out-of-band involves dumping data
out of the clone port, editing the data, and then dumping it
back in. I called Yeasu and asked if the FT-470 could be
cloned. They said no, so I ignored them. I haven't figured
out how to get it to dump data, but I believe it will accept
data. The clone mode is entered by powering up the unit with
the F key held down. (It's also a neat way to see all of the
indicators on the LCD!) The data must be presented in the
ring ("right channel") of a stereo 2.5 millimeter plug which
is placed into the mic jack. This is cryptically marked on
the schematic, anyway. However, I have no idea what the
format for the data should be. If you come across this, I'd
love to know. This may be the trap door to getting the rig to
receive and transmit in more interesting places.

Attributed: Ed Boakes (WB3FLD) att!hocpa!ewb

-=-

VHF Transmit mod:

Effect: Enables extended VHF transmit (this is exactly the
same as one of the previously listed mods).

1) Open the radio such that the two halves open like a sandwich.
2) Locate the internal lithium battery
3) Locate several solder pads to the left of the lithium battery.
4) Just to the top left of the lithium battery is ONE vertical
solder pad (a.k.a. R69). It is almost under the top left
edge of the battery.
5) solder a jumper accross this pad.

Result: Extended VHF transmit

Bugs: The automatic repeater shift (- offset below 147,
+ above etc...) goes away with this mod.

Attributed: randall@informix.com (Randall Rhea)
Also attributed to: Bernie NU1S @ K1UGM

-=-

(Continued to next message)

5096. Yaesu Telephone Num 1/10

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.10759.7583.0NFBB9C2@woodybbs.com>
Source record: 209354

Subject: Yaesu Telephone Numbers

>>...Yaesu FT-470 mods...

Yaesu FT-470 MODS
Rev D (Aug 28, 1992)

This is a collection of hardware and software mods for the Yaesu 470. I have collected every mod seen on the net (ie. Usenet) since the introduction of the 470, so I think this list is fairly complete. I am interested in getting updates and corrections to this list, so please send me e-mail if you find something that needs updating. (This includes typos, wrong or missing attributions, caveats, warnings about unmentioned side effects, serial numbers of radios that won't do some of these mods, etc.)

This advice is free, so remember that you get what you pay for.

Brian McMinn (brian@nucleus.amd.com)
N5PSS
512-462-5389

-=-

Full Reset:

Effect: Severe! :-)

1) Make hard (paper) copy of all memory info
2) Turn radio off
3) Hold down VFO and MR and turn radio on
4) Replace all memory contents

Notes: This will reset the auto repeater offset function, so you will need to re-enable it if you use it. This will also disable (mask) all memories except #1, so you will have to enable each of them by hand.

Attributed: Yaesu

-=-

MARS Mod:

Effect: Enable extended 2m receive, 2m transmit

1) Make hard (paper) copy of all memory info
2) Turn radio off
3) Hold down up-arrow and down-arrow and turn radio on

4) Replace all memory contents

Notes: This mod wipes all memory contents. This is a "toggle" mod in that it can be un-done by repeating the above steps. The normal->MARS mod only wipes the memories. The MARS-> normal mod not only wipes the memories, it appears to do a complete controller reset (see above).

Result: Receive range 130-180 MHz, transmit 140-151MHz (I think, I haven't tried it.)

Attributed: Yaesu

-=-=-=

5097. VHF Engineering

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: ESPI35E@prodigy.com
Message-ID: <4a063m$1r7k@usenetz1.news.prodigy.com>
Source record: 209490

I'm looking for schematics and parts lists for the old VHF Engineering TX-144 transmitter strip. I'm using one as a repeater exciter and need to do some work on it.

Thanks!!

Email via LANER@ESPN.COM or ESPI35E@Prodigy.com

5098. MFJ 6m transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Curt Sanders <csanders@redrose.net>
Message-ID: <4a0jj6$18s@lily.redrose.net>
Source record: 209491

Any comments on the new MFJ 6m transciever. I'm thinking of buying. I
have the specs, and I leary of single conversion het reciever. Potential
for front-end overload?

****
* "There is nothing constant but change." ï¿½ Heraclitus *
* --- *
* N3TLJ@WA3KXG.FN10RE.PA.USA.NA (Amateur Radio) *
* Reunion Users Group (genealogy) * Hershey Apple Core *
****

5099. IC-2410H questions-Pls Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: dddavis@mindspring.com
Message-ID: <dddavis.9.001E4C70@mindspring.com>
Source record: 209492

Anyone familiar with the Icom 2410H 2m/70cm radio: I would appreciate advice.

I just purchased a used 2410H (says Limited Edition on the faceplate, if that matters). One of my reasons for buying this radio as opposed to the Yaesu models I am more familiar with is the availablility of remote DTMF control for cross-band repeat operation. This radio has the speech board, the DTMF decode/control board, and the tone squelch boards all installed.

From the DTMF remote (HT), I am able to access the radio, change frequencies, and enter the corss-band repeat mode. However, I am having several problems which may be due to my lack of familiarity with the radio and the lack of detailed information in the manual. Here are the problems:

1. In DTMF remote mode, the speech function (frequency read-back) seems to have no effect. This function does work in normal mode or via DTMF control mode with the mike attached to the radio. I expected the frequency to read-back over the air. I tried "C" and "DC" per various instructions. Am I doing something wrong?

2. When I enter cross-band repeat mode, I can no longer control anything until I exit that mode. Is this normal?

3. When I enter cross band repeat mode, "L" indicators blink on both sides of the display (VHF and UHF). This is not the standard low power indicator, but the radio does seem to be in low power mode when this happens. (I am not able to bring up local repeaters which I can access normally.) Since I have no radio control functions while in x-band mode (see #2), I cannot set power to high. The radio seems to default to low power mode in x-band, no matter where it is set before that.

4. Also when I enter x-band repeat mode, the main channel frequency reverts to where it was when I entered the DTMF remote control mode. For example, if the 2410 is set on memory channel 3 when I go into remote control, I can use DTMF commands to set channel 4 (display shows "ch 4"). As soon as I enter x-band repeat mode, the display changes back to the frequency for channel 3.

5. After I enter x-band repeat from the DTMF remote, I cannot regain control of the radio locally. I must exit cross-band repeat from the remote before the front panel access works again. Is there a way around this?

Well, that's a lot of stuff. Any replies are appreciated. I have a short time to return this radio to the guy I bought it from if I
can't resolve these issues. I may buy the IC2350 in that case. I hope the problems are just due to my lack of knowledge, though. Thanks in advance for any replies.

Don Davis KE4KYO

5100. FS: DRSI PC Packet ADapter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: herbr@netcom.com
Message-ID: <herbrDJ3C5w.196@netcom.com>
Source record: 209493

I have a dual TNC DRSI PC-Packet Adapter for sle.

This is bascially a card that fits inside your PC and acts as two TNC's
and 2 modems. I've been using it for an AA4RE/G8BPQ bbs/node, but no
longer need it.

Comes with all software/manuals/etc.

Let me know if you're interested!

Thanks!

daver@uci.edu

or...

--
herbr@netcom.com

5101. Re: FT-747 & SB-1400

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: kaboom@usit.net
Message-ID: <kaboom-0512950254030001@arcade-slip1.dynamic.usit.net>
Source record: 209494

The SB-1400 is not identical to the FT-747. The internal circuits are identical, as far as I know, but the case and some of the placement of things on the front panel are different. I don't know if the remote kit would work on it, for that reason.

5102. Re: rechargable alkalines- comments wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: kaboom@usit.net
Message-ID: <kaboom-0512950257230001@arcade-slip1.dynamic.usit.net>
Source record: 209495

More current than regular alkalines? I don't think so. I can run my camcorder just fine on regular alks, but it won't even start up using a fresh, brand-new set of Renewals. And they won't run a pocket TV anywhere nearly as long as regular alks. In my experience, Renewals have about the energy of a "heavy-duty" type carbon battery, not an alkaline. They do take a charge well, though, and they don't self-discharge.

5103. Computer noise..... HELP!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: ryanm@ix.netcom.com
Message-ID: <4a09p6$3bg@ixnews2.ix.netcom.com>
Source record: 209496

Got a new FT-990 and my computer kills it. This is what Ive tried -
1.ferrite split beads on all cables comming out of computer.
2.disconnecting all cables from computer.
3.large ferrite ring on power cord to radio and computer.
4.ferrite split beads on cables inside computer...power to main board, power to hard drive, wires from main board to lights and controls on front of computer.
5.aluminum foil inside computer case then putting on cover, then putting more foil on outside of case.
6.putting ferrite split beads on antenna cable.
None of these worked.What worked was:
1.turning off computer
2.disconnecting antenna from radio.
i think the noise is coming from the computer power supply. If anyone has any suggestions I would appriciate the help.This is driving me crazy. Thanks alot de Mike/KN6VS

5104. Re: Austin Amateur Radio Suppy/ HRO in Delaware

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: Stephan Rashkin <stever@raven.cybercom.com>
Message-ID: <4a06od$kg6@crow.cybercomm.net>
Source record: 209497
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

One of the nicest guys I've come across is Bob, WN3K from HRO
in Delaware...That guy can handle a line of 10 people plus
still be pleasant and helpful on the phone at the same time.

As long as Bob is at HRO, that's where I'll buy my goodies...
He was extremely helpful many times, even when it took three
hours for me to decide on an HT..

Steve, WA2NHZ

5105. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: y100y100@aol.com
Message-ID: <4a19nr$ffn@newsbf02.news.aol.com>
Source record: 209498

The Nyquist frequency is only necessary to sample and replicate the original signal with accuracy. What many people are not aware of, is that it is not necessary to sample at Nyquist rates for communications audio. When we refer to a 2X sample, we are generally speaking of high-fidelity applications.

Undersampling has been used by the U.S. military with great success for many years.

-Paul, N9AZ

5106. FOR SALE: DRAKE TR4-CW/RIT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: donw@whytel.com
Message-ID: <4a1b4e$sae@what.whytel.com>
Source record: 209499

For sale: Drake TR4-CW/RIT in MINT condition.

Only about 10 hrs use since factory recon.
Rig looks and works great. It was/is my
back-up, but I never need it and am not very
active, so I will sell it for $350.00

It has 500Hz CW filter, all 10m crystals.
Comes with AC-4 P.S., and MS-4 spkr.
You pay shipping, etc. from North Texas.
Email me at: donw@why.net
Don Woodson, N4ECM

5107. Manual Needed: Palomar

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4a1ea2$gv9@newsbf02.news.aol.com>
Source record: 209500

I posted this before...but I never saw it show up in the group.....so, here 'tis again: Posting this for a ham friend who's not connected to internet.

Needs a manual and schematic for a Palomar HF amp. Model ' 90 A '......covers 10 through 40 meters. Appears to be a 1970's vintage amp. Glad to pay for copy costs, postage, etc......Thanks.
Cordially:
Rick Crider
KD4FXA
111 S. Hayne St.
Monroe NC 28112
(704) 289-6303

5108. QSK...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <4a16ok$h6p@tilde.csc.ti.com>
Source record: 209501

Well, after reading all the posts on the success and failure of QSK in
the Icom 706, I thought I'd put out a little information on the Alinco DX70
since this is also a small sized rig.

1. The Alinco does NOT have a vox circuit, so any QSK keying seems to
be keying the T/R relay which is the same relay used in SSB or FM/AM.

2. The rig (with the outboard amplifier keying relay still disabled) did
emit a pretty loud clickety clackety sound when keying. It was loud
enough for the XYL to ask what I was doing anyway.

3. The keying waveform was not monitored via 'scope, but I did have another
HF rig nearby for note / tone monitoring. I ran tests at various "guestimate"
words per minute and noted the QSK quality. Here are results:

below 20 WPM : No problem. QSK was fine with good in-between AGC response
and recovery. No difference between QSK and semi breakin
except for the little TR relay clicking away. Sidetone volume
tracked nicely with af volume, making the sidetone about the
same level as the in-between received audio. OK QSK.

25~30 WPM (a comfortable range for most dedicated CW ops) QSK keying relay
really clickey but the rig did not chop much of the intermediate
dits. Keying (dash-dot ratio) was standard 2:1, using a curtis
8044ABM chip and "default" keying characteristics. CW note was
fine...no problem to copy and almost unnoticable difference between
QSK and semi break-in.

30~35 WPM (typical CW Contest keying/exchange speed) QSK keying was a bit
chopped, but still easy to copy. During bad band condx, probably
would be ok but no longer a 2:1 dash to dot ratio. Using an
adjustable keyer with weight adjust would compensate for this and
rig would be fine.

35~40 WPM (typical for CFO, DXer, or the average UA0 Ruskie) QSK keying
chopped the first dit in part (dit was short) and keying ratio was about 1.5:1
making dash/dot distinction a little difficult with QSB/Fading
probably just barely workable

OVER 40 WPM : Pittiful...really stunk and would be useless if running split
band DX (ie RX on the USA 40M Phone subband, TX on the low end
of 40 CW subband).

As for general QSK, I agree that it makes little sense for a rig to be manufactured
without some decent QSK. I know the relays and TR switching can handle the speed,
especially considering we can manage 9600 baudot switching these days. While the
Alinco DX70 is Alinco's first, it's too bad the other "big boys" cant seem to add

decent QSK to their rigs. To the OM that posted his ranking of the QSK rigs, I think your rating was right on the money!

It would be interesting to have a side-by-side comparison of "cw performance" among all the mini rigs out there today, including the Yaesu 890/900, Kenwood 50, Alinco 70, and Icom 706. I wonder who would win!

Now the question: What's the best QSK combination you've run across? I find the Yaesu FT890 to be ok, but a far cry from a Ten Tec Omni D (oldie but goodie)!

--
73 from Joe BV/N0IAT Taipei, Taiwan R.O.C.

Looking for 3 band WARC Worked All States. Pse QSL es 73

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

5109. Re: Kenwood IF-232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <4a1hv6$51a@news.iii.net>
Source record: 209502

Strange, but I advertized one last interface I designed, and S.A.R.A.
built. I got 3 responses and NONE sent addresses when I offered it
to them. Perhaps they didn't think the $30 I charge for a double sided
plated thru hole board populated and tested with connector was fair!

Anyway the last one is still available.

Tom

5110. ICOM 737 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: roger.boehnlein@hal.apk.net
Message-ID: <EQUIPMNT.F92F@hal.apk.net>
Source record: 209503

To All,

I have an ICOM 737 about 3 yrs old and it is starting to act up. The symptom seems to make it look like an old tube rcvr. When first powered up it takes about 5 minutes to get the full band. I cant hear anything on the bottom 50khz of all bands. Sounds like one of the vco's not being stable, but not sure. Any help would be appreicated.

Roger N8TCP

5111. Re: IC-2410H questions-Pls Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-05 00:00:00 UTC
From: dddavis@mindspring.com
Message-ID: <dddavis.10.0008FD7C@mindspring.com>
Source record: 209504

Re: my earlier message (text below), the question is "How many mistakes can one person make?" Most of these issues have been resolved as operator error. Questions 2 and 5 remain, if anyone could give advice. Also, does anyone know of a way to increase mike gain (or the equivalent). I am getting reports of good signal, but low audio unless I practically swallow the microphone and talk too loudly. I'll splatter all over when I switch back to the Yaesu in the other car if I do that too much. Also, is there a way to initiate cross-band repeat from the front panel rather than through the remote? Thanks again, Don (KE4KYO)

In article <dddavis.9.001E4C70@mindspring.com> dddavis@mindspring.com (Don Davis) writes:>From: dddavis@mindspring.com (Don Davis)
>Subject: IC-2410H questions-Pls Help
>Date: Tue, 5 Dec 1995 01:29:51 -0400

>Anyone familiar with the Icom 2410H 2m/70cm radio: I would appreciate advice.

>I just purchased a used 2410H (says Limited Edition on the faceplate, if that
>matters). One of my reasons for buying this radio as opposed to the Yaesu
>models I am more familiar with is the availablility of remote DTMF control for
>cross-band repeat operation. This radio has the speech board, the DTMF
>decode/control board, and the tone squelch boards all installed.

>From the DTMF remote (HT), I am able to access the radio, change frequencies,
>and enter the corss-band repeat mode. However, I am having several problems
>which may be due to my lack of familiarity with the radio and the lack of
>detailed information in the manual. Here are the problems:

>1. In DTMF remote mode, the speech function (frequency read-back) seems to
>have no effect. This function does work in normal mode or via DTMF control
>mode with the mike attached to the radio. I expected the frequency to
>read-back over the air. I tried "C" and "DC" per various instructions. Am I
>doing something wrong?

>2. When I enter cross-band repeat mode, I can no longer control anything until
>I exit that mode. Is this normal?

>3. When I enter cross band repeat mode, "L" indicators blink on both sides of
>the display (VHF and UHF). This is not the standard low power indicator, but
>the radio does seem to be in low power mode when this happens. (I am not able
>to bring up local repeaters which I can access normally.) Since I have no
>radio control functions while in x-band mode (see #2), I cannot set power to
>high. The radio seems to default to low power mode in x-band, no matter where
>it is set before that.

>4. Also when I enter x-band repeat mode, the main channel frequency reverts to
>where it was when I entered the DTMF remote control mode. For example, if the

>2410 is set on memory channel 3 when I go into remote control, I can use DTMF
>commands to set channel 4 (display shows "ch 4"). As soon as I enter x-band
>repeat mode, the display changes back to the frequency for channel 3.

>5. After I enter x-band repeat from the DTMF remote, I cannot regain control
>of the radio locally. I must exit cross-band repeat from the remote before the
>front panel access works again. Is there a way around this?

>Well, that's a lot of stuff. Any replies are appreciated. I have a short time
>to return this radio to the guy I bought it from if I
>can't resolve these issues. I may buy the IC2350 in that case. I hope the
>problems are just due to my lack of knowledge, though. Thanks in advance for
>any replies.

> Don Davis KE4KYO

5112. Re: getting rid of computer noise

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <4a335q$8de@bighorn.accessnv.com>
Source record: 209155

Friedemann Heyer <friedemann.heyer@bnr.ca> wrote:
>You say ....took off the antenna cable from rig and no more
>>noise
>
>Just to test the mail and ....
>
>Seems that you're not using a coax cable for that. With coax there should be
>no noise anyway. As I'm prabably going to buy me an FT990 as well this is
>interressting for me.
>
Noise will continue as a problem in Balanced or un-balanced feed systems
as long as the feedline thinks the household wiring is a great path for
RF. Keep in mind that everything in the near field will absorb and
reradiate RF energy no matter what type it is.

Use isolated outlets with known RF attenuation in the problem frequency
range. Tuner fed long wires are OUT!

73 Bob

5113. Re: Want FT-102 schematic or service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <4a32s5$8de@bighorn.accessnv.com>
Source record: 209156

Try area code 310-404-2700. Yaesu Parts department will be more than glad
to help you..

73 Bob KG7D

5114. Re: MFJ "No Radials" Verticals - real or memorex?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4a4kr3$kdt@ns4-1.CC.Lehigh.EDU>
Source record: 209157

In article <tcarlyle.18.00342D80@mindspring.com>, tcarlyle@mindspring.com (Willi
am Carmichael) writes:
>ANybody had hands-on experience with the MFJ-1796 or 1798 multiband "no
>radials" verticals? I am interested in the small 1796 for use on 20m and
>6m... just find it hard to believe it works, but, like a IC-706, too sexy not
>to be interested in.
>
>They say you can tune the antenna from the bottom - can you? What kind of
>bandwidth... how does it compare... I'd really appreciate it. I'm about to
>make a knee-jerk impulse buying decision and would love to temper it with a
>tad of reason. TNX es 73s = Bill, WA4EVQ
>
>email: tcarlyle@mindspring.com
>
Just a point about radials....

Any vertical antenna will operate with out radials. It just depends
how efficient a radiator you expect to have. Naval vessels have
operated verticals with out radials on shipboard installations for
years with excellent results. Of couse they have a lot of highly
conductive sea water under them. You just don't get the same
performance with rocky soil under them. Even the so called no radial
half wave antennas will work better with a goodly number of radials
under them. Capt. Paul Lee wrote an excellent book on verticles and it
was published by CQ Magazine. Capt. Lee has since become a silent key
but his book is well worth reading for an excellent education on
vertical antennas.

73's Dick K8WHA
>-
>

5115. Svetlana Tube Experience?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4a488b$qpi@pacific.mps.ohio-state.edu>
Source record: 209158

After reading Bill Orr's CQ Magazine article in which he raved about Svetlana 811As, I bought four of them from a ham on my DX Packet cluster who has access to them through his company. One had an internal short circuit, and another seemed to have unstable idling current. Also, they seemed prone to oscillation (in an old GSB-201 linear), so I'm wondering if the interelectrode capacitance and transconductance is the same as the domestic version? Curiously, the tubes were marked "Pride" in large red lettering on the side of the glass envelope, rather than Svetlana, although I was assured they were manufactured by Svetlana. Physically, they resembled the ones described in the Orr article, and had a 1993 date code. They were also stamped "made in USSR". Anybody had experience with this line of tubes?
Jim W8ZR

5116. need manuals for Eico 637 and 635 tube checker

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: kk5fe@accesscom.net
Message-ID: <4a503u$8ja@ux.accesscom.net>
Source record: 209159

I have the Eico 667 and 635 tube checker but dont have the tube manuals
for them. If any one can help me I will pay for the copyies.

Thanks in advance,
Keith KK5FE
email: kk5fe@accesscom.net

5117. Re: IC-706 mods clarification

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: discus@caverns.com
Message-ID: <discus-0612950824270001@dialup4.caverns.com>
Source record: 209160

In article <4a0u5h$ee@crow.cybercomm.net>, Stephan Rashkin
<stever@raven.cybercom.com> wrote:

> It seems some of
> the listed mods mention that D59 opens VHF (118-174) as well as HF..
> One other post mentions that it only opens HF..Another mentions it
> opens expanded HF full power and Expanded VHF only milliwatts.....
> can anyone straighten this out..

On my 706 it opened up HF and opened up VHF only milliwatts, you don't
realize it is only milliwatts unless you measure it because the transmit
LED comes on. There is no power indication on the power meter though, and
there is very very little power output.

Larry (NU5M)

5118. Re: PACKARD BELL >>WILL<< SCREW YOU!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: rawiley@blue.weeg.uiowa.edu
Message-ID: <rawiley.818221685@blue.weeg.uiowa.edu>
Source record: 209256
Cross-posted to: rec.radio.amateur.antennna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

.

I heard on a stock market report last week that Intel's
stock had dropped because a major customer was way
behind on invoice payments. Rumor was the customer
was PB.

NE0R

5119. FS: TenTec Scout 555 - tentec [01/01]

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: ecgallup@sonnet.com
Message-ID: <4a2vfb$h72@sonnet1.sonnet.com>
Source record: 209257

BEGIN -- Cut Here -- cut here

FOR SALE: TenTec Model 555 "Scout" HF transceiver; includes modules
for 80M, 40M, and 10M; with noise blanker option, Mic,
mobile mtg bracket and manual; in factory box.

This unit has barely been used. It is in mint condition
with absolutely no scratches. Sat in a box most of its
life. I am selling it because, I don't really need 3 HF
rigs, and I'd rather upgrade my old computer.

$500.00 ($690 new). I will ship.

I will deliver within approx. 50mi radius

PLEASE NOTE: If you must deal through the mail system,
I will require your cashiers check in
advance, before shipping the radio.
(I can provide you with personal references)
Or, perhaps, I can ship UPS C.O.D.

If interested, contact Ed WB6SAT@KD6JZZ.#NOCAL.CA (Sonora)
or Internet: ecgallup@sonnet.com
END -- Cut Here -- cut here

5120. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: Roberto Gonzalez <RobertG@mail.utexas.edu>
Message-ID: <4a38g2$i03@geraldo.cc.utexas.edu>
Source record: 209258
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Today, my wife and I walked into AARSwent to the front counter and after being asked what we
needed we said" We are beginners and interested in investing in equipment". They were not enthusiastic as perhaps most folks are on the radio but they at least answered our questions (w/o
a smile) and provided me with the info I needed. Both my wfe and I agreed that things would have been most pleasant had they been a bit more interested in their customers but we attribute
it to their personalities and did not take their attitude personal. However, I would gladly prefer a different store if they treat me just 1% better. Any recommendations in the Austin area?

robert
formerly KA5LTV

5121. Radio Vlaanderen Internationaal on-line !

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: Hilde Hofkens <hhofkens@imagic.be>
Message-ID: <30C55C18.5819@imagic.be>
Source record: 209259

Finally the day has come : the new Website of Radio Vlaanderen Internationaal, BRTN's world service, is on line since December 1. The old Website was refurnished and contains a wealth of information on RVI, its 50th anniversary, programmes, reception, International Listeners' Club and much more.
RVI also puts you on the way to a series of interesting Websites. Information on our Website is available in six languages : Dutch, French, German, English, Spanish and Arabic.

Shortly you will be able to read the RVI news on our Website, or listen to it via Real Audio.

It is worth your while to call on
http://www.brtn.be/rvi/

For more information
rvi@brtn.be

5122. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: Roberto Gonzalez <RobertG@mail.utexas.edu>
Message-ID: <4a38gi$iln@geraldo.cc.utexas.edu>
Source record: 209260
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Today, my wife and I walked into AARSwent to the front counter and after being asked what we
needed we said" We are beginners and interested in investing in equipment". They were not enthusiastic as perhaps most folks are on the radio but they at least answered our questions (w/o
a smile) and provided me with the info I needed. Both my wfe and I agreed that things would have been most pleasant had they been a bit more interested in their customers but we attribute
it to their personalities and did not take their attitude personal. However, I would gladly prefer a different store if they treat me just 1% better. Any recommendations in the Austin area?

robert
formerly KA5LTV

5123. Re: my FT530 battery pack is dead!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: miltf@ux1.cso.uiuc.edu
Message-ID: <4a4d5d$3nb@vixen.cso.uiuc.edu>
Source record: 209261

The question about getting the FT530 battery pack apart. It can be a real pain!. The pack is glued at the seam around the middle of the outside edges. Sometimes a sharp knife will work, carefully cutting on the seam again and again until you get through the glue. Changing the batteries is no problem. Be sure to buy a complete set since some cells have gone bad, the rest will be going soon anyway. Most of the aftermarket battery dealers have the sets for around $15 or so.

Glueing the pack back together can also be tricky. You need to keep the orginal battery dimensions or it won't fit into the charger. Clean off the old glue and put new around the edges. Clamp it tight until it sets. File or grind off the excess around the edge.

I find the aftermarket batteries, WW in particullar, to be superior in life to the OEM. The WW batts are easier to open, as well.

After replacing some battery packs with new cells, I prefer to buy new packs from WW Associates instead of taking a chance of stabbing myself trying to open the old pack.

Milt, K9QZI
Champaign, IL

5124. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: kilgore@wichita.tivoli.com
Message-ID: <4a4bi7$h40@tivoli.tivoli.com>
Source record: 209262
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

In article <4a2h30$e59@remus.rutgers.edu>, hillgen@remus.rutgers.edu (Jay Hillgen) writes:
|> Gary Borich <GaryBorich@mail.utexas.edu> writes:
|>
|>
|> >As a resident of Austin. Texas, who has unfortunately frequented Austin
|> >Amateur Radio Suppy, I can attest first hand to their surly, impatient,
|> >and at times down right abrasive attitude. As a ham for over 40 years,
|> >I can not ever remember being treated so rudely when asking specific
|> >questions about an impending purchase.
|>
|> WOW! In the past few years, I've spent about $1200 at this establishment and
|> found that their people were friendly and helpful. As I'm in New Jersey, I was
|> never a walk-in customer if that makes any difference. At least over the
|> phone, I've had no problems with them.
|> Jay
|> N2OTK
|>
|>
|>
|>

I have spent a few thousand at AARS in the last couple of years, and have
always received friendly service. I have no complaints, and will return
there in the future. YMMV, of course.

Jeff, KC1MK

5125. Re: FT736 vs. TS790: pros and cons?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: burch@netline.net
Message-ID: <4a4b6b$15s@tesla.netline.net>
Source record: 209263

sw@cellware.de (Stefan Wimmer) wrote:

>Hi out there,

>with christmas comimg closer I' thinking of some new VHF/UHF rig for my new
>shack (I moved). I also want to be able to work satellites.

>Some OM recommended the FT736 and others the TS790. Since there are quite
>some bucks to be spent for such equipment I'd like to hear some pros and cons
>about them from people who actually are using them. Maybe there are even
>more good boxes to be considered?

>PM or post - as you like it.

I just recently bought the FT-736R. I had my heart set on buying the
TS-790 but a friend of mine told me I should consider the 736. The
two advantages I see in the 736R is the optional band modules (222, 6
meters, 1296) and the built in power supply. The 790 does put out a
few more watts (45 compared to 25.) A 1296 module is also available
for the 790. From what I understand, both work great for the
satellites. When I bought the 736, I called 30+ stores to find the
best deal, and almost all of the salespeople said they sell more 736's
than 790's so it is a very popular radio. I also own a Kenwood 690S
that I wouldn't take anything for (really like the rig) which gave me
my interest in the 790. Anyway, I guess it just comes down to
personal preference because they are both really good radios. I hope
this helps.

Burch (KE4ZQV)
burch@netline.net

5126. Re: FT530 battery ~ How to...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4a4inm$b3c@kaiwan.kaiwan.com>
Source record: 209264

We agree, replace *ALL* of the cells! At the TRW Swapmeet, replacement high-cap cells are $1.50 each, with metal solder tabs! I also found a used/dead high power battery for $10. I rebuilt that one too.

I've completed three, so far. The method I used to open the case is to wrap the body of the battery with a towel. I then placed the battery in a vice, where the jaws meet the weld ~ and gently tightened ~ listen for a slight 'crack'... It looked like this:

```
BBBBBBBBBB
Jaw------>BBB END BBB<-----Jaw
BBBBBBBBBB
```

Next, I gently tapped the weld/seam with a rubber mallot and the seam/case opens with ease. Works every time with no real damage to the case!

Use two wraps of scotch tape to hold the cells together. Another helpfull hint is to use a hot glue gun to re-assemble the two case halfs. Quickly re-wrap the battery and place the battery back into the vise and allow the battery case to reseal. Try to keep the fabric away from the seam/hot glue. I first tried three large ty-wraps around the body but the vise was better.

For mobile use, I got the original smaller case and mounted a three-legged voltage regulator inside, with heat sinc. That, two caps and a light duty cigarette lighter cord were all wired together. Presto! A tiny, battery-free, light weight mobile power supply that protects your radio from spikes and over-voltage.

Don't worry about any excess hot glue at the seam as it rubbs right off after it cools. Use proper caution when you dispose of the old cells.

Enjoy!

Tony
WA6IGJ

5127. Re: Icom IC-706 Yellow wire Receive Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DJ61nG.AIB@iglou.com>
Source record: 209265

For those who don't want to cut the yellow wire, the pin can be left on the yellow wire and returned to its normal state later if you want to un-mod the radio. Simply unplug the connector. Using a paper clip, push in on the release pin on the side of the connector while tugging n the yellow wire. The pin will come right out. Now you may wrap a small wire around the neck of the pin, solder then tape it. Run the extension down to the vco point.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

5128. Kenwood TM-221A malfunction

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: chasjesus@socketis.net
Message-ID: <chasjesus-0612950942170001@cl027.socketis.net>
Source record: 209266

I have a Kenwood TM-221A 2-meter mobile that has developed a perculiar problem. After the unit has been off for 15 - 30 minutes it forgets all of its settings (memory frequencies, etc.), even though I am sure it has an uninterupted 13v supply. It does this on the bench too. I have looked in the unit for a lithium battery but I don't see one.

Possibly a related problem: the LCD display has lost some of its contrast. The unit still transmitts ok, so I don't believe the problem lies with the car battery or the power connections, and like I said, it has the same troubles on the bench.

Any ideas??

Charlie Williamson KB0CDO

5129. Looking for logging program

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: kkidd@usit.net
Message-ID: <4a4o6i$lge@news.usit.net>
Source record: 209267

Hi all,

I'm looking for a Windows logging program that in addition to logging functions gives a map display of other stations location, long path, short path, distance and gray line. I have recently downloaded the demo of Log View which is a pretty good looking log program but it doesn't give any map information.

Thanks,

Kevin
WD4RAT
kkidd@usit.net

5130. Internet Ham Radio Links

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: Leonardo <davinci@access1.digex.net>
Message-ID: <Pine.SUN.3.91.951206152314.16171G-100000@access1.digex.net>
Source record: 209268

Check out Leonardo Park for links for hobbies, collectibles, and crafts.
There is a separate heading for Hamradio and Radio Collecting. I am
looking for a few board members to supervise the site to keep it accurate
and to pass on new links to be added. This is a good, free resource.
Lyndi, Editor davinci@access.digex.net

Leonardo Park
Hobbies, Collectibles, and Crafts

http://www.hobbies.com

5131. ADMS-Software and programming FT-41 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: behrens@ita.fhg.de
Message-ID: <4a3jb9$nl4@news.fhg.de>
Source record: 209269

Did anyone try programming his FT-41 HT with the Yaesu ADMS-Software ?

My experience is:

Reading data from the HT is ok (it looks like in the programm-windows)

But...
Sending data to the HT caused a lot of trouble in my FT41:

- some memory-names are scrambled

- in one memory the "frequency" was 000.025 MHz (to low for 70cm, hi!)

- the display shows tone-squelch frequency and mode setting correct,
but T/T.SQ is not operating

-switching to memory 3 or 50 caused a complete "hang" (including the
power-switch!), the last solution was removing the batterie, and doing
a "master-reset" !

I tried the program on two different PCs, the version of the ADMS-Soft
is 1.20.

Did anyone try to write his own program for "cloneing" the FT41- it
seems to be a kind of 9600 Bd serial signal ?

By the way, what is the price for adaptor and software in the States
(60 $ in Germany) ?

Comments please in the newsgroup AND via e-mail to me.

73s, DL6OBU@DK0MAV

Volker Behrens

behrens@ita.fhg.de

5132. svetlana 811A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: sabinw@crpl.cedar-rapids.lib.ia.us
Message-ID: <4a4obj$r4o@flood.weeg.uiowa.edu>
Source record: 209270

I just installed 4 Svetlana 811As in a Collins 30L-1.
They work very nicely, no problems. They are quite
well matched also (equal dull cherry red in all 4
plates when max loaded). Two tone IMD tested 25 dB.
Cathode input VSWR very nearly 1.2 to 1 (measured).
Got them from Antique Supply, Tempe AZ.

5133. Okidata Dot Matrix Printer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: "Joseph P. Feehan" <tortola@caribsurf.com>
Message-ID: <4a4hnb$e15@col1.caribsurf.com>
Source record: 209271

I know this is not the correct group for this question, but
please don't kill me!
Have Okidata Microline 182 printer, mod. GE52508. Need printer
driver for Windows 3.1.
Have looked in the Microsoft printer driver library, no luck.
Can someone point me in the right direction so I can print my QSL
cards?
Thanks, VP2VBL.

5134. IC-706 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: aa0yt@mo.net
Message-ID: <4a4ktc$nco@Twain.MO.NET>
Source record: 209272

After mounting my 706 in the Saturn (the remote head is still floating about; not quite sure where to put it), I have noticed that the microphone cable is too short to attach to the back of the radio (under the seat) and that it's so short it drags the remote head all over the place. Has anybody tried making a "extension cord" for the mike: a pair of RJ45's, a RJ45 cable splicer (i.e., two females), and eight-wire phone cable? Seems like it would work physically, but I don't know about electrically. Any ideas?

While I've got your ear, has anyone noticed any problems running the 735 in coldish temperatures? The specs say it's good down to 14 degrees F, but I had some problems keeping the radio turned on last night after leaving the car outside for about three hours. The temperature outside was about 25F; inside was likely a little warmer.

BTW, Still looking for info on the Band Scope feature!

Thanks!!

Colin R. Wright, AA0YT
aa0yt@mo.net
http://walden.mo.net/~aa0yt

5135. Kenwod TS-180S vs TS-830S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.951206112548.23039A-100000@avatar.avatar.com>
Source record: 209273

I have an opertunity to purchase a Kenwood TS-180S with 500 HZ CW filter but to power supply for $475 or a TS-830S (no CW filter but has power supply) for $575. This is my first HF rig and I don't have a lot of HF operating experience. I'm mosting interested in phone SSB and CW for DXing. I can't find a lot of information on these rigs, so I wanted to get peoples opinions here. Anything pro or con about either rig would be good. Which rig would you recommend I buy? The 830S has tube finals so it requires contant tweeking.

Thanks,
Kory
KE6VWO

5136. Re: IC-706 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: "C. J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <30C61EFC.655C@aries.scs.uiuc.edu>
Source record: 209274

Colin Wright wrote:
>
> After mounting my 706 in the Saturn (the remote head is still floating
> about; not quite sure where to put it), I have noticed that thestuff...
> While I've got your ear, has anyone noticed any problems running the
> 735 in coldish temperatures? The specs say it's good down to 14
> degrees F, but I had some problems keeping the radio turned on last
> night after leaving the car outside for about three hours. The
> temperature outside was about 25F; inside was likely a little warmer.stuff...
> Colin R. Wright, AA0YT
> aa0yt@mo.net
> http://walden.mo.net/~aa0yt

Do you mean the 706 quits in the cold?
--

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

5137. Comparition: Kenwood TS-440 vs. Yaesu FT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: MUENZLERK@uthscsa.EDU
Message-ID: <01HYHMFLDZ1U00CL6Q@uthscsa.edu>
Source record: 209275

d2goran@dtek.chalmers.se (G|ran Wallgren) Writes:

-Hi!
-
-I'd like a comparison between Kenwood TS-440-SAT and Yaesu FT-890.
-Price/performance etc.
-
-Thanx.
--
-

- Goran Wallgren
- <>< - email: d2goran@dtek.chalmers.se //
- - WWW: http://www.dtek.chalmers.se/~d2goran/ \X/

I bought an FT-890/AT when they first came out. I think it has been
about four years now. I am extremely satisfied with it. I've had no
problems at all with it (that weren't my fault.) I did find out that if it
is stored for a lengthy period of time with the battery memory backup
turned off that the CPU may be confused when it is powered up. I
thought that mine was dead after being in storage while I remodeled
my shack. I called Yaesu, who was very helpful, and they said that all
I had to do was reset the CPU. I don't know why I didn't think of that!
After all it _IS_ in the manual!!!
I have used a TS-440 at ham fests and such and have a friend who
has one. I think that the FT-890 has better receive audio than the
TS-440, but I have never sat the two side by side for a comparison.
My '890 has never failed during operation, either in my shack or
field days, camp-outs.... Well, that's the FT-890 side of the story.
Maybe someone will give a TS-440 side.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

5138. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <4a590r$f0j@news.service.uci.edu>
Source record: 209276

In article <Pine.BSD/.3.91.951205112043.25922A-100000@avatar.avatar.com>,
Kory Hamzeh <kory@avatar.com> wrote:
>On 30 Nov 1995, James W. KELLEY wrote:
>
>> OTOH Gary, how much did a computer cost in those days? Or a video tape
>> recorder? Ham gear *should* be a lot cheaper today than it was back then.
>> And it should be cheaper still. Yes, the displays are still fairly pricey
>> as well as the final transistors, but these companies are making some very
>> handsome profits in this business.
>
>You're comparing apples with oranges. Cost has a lot to do with volume.
>How many computers are being sold for each ham rig? How many camcorders
>are being sold for each ham rig?
>
>Kory
>KE6VWO

Technology has improved things dramatically in the manufacturing of all electronics devices. When comparing prices of radios in the 60's with the price of radios in the 90's, the poster I responded to neglected to factor in the effect of advances in electronics and manufacturing technologies. It would take a dozen or more tubes to do what you can do with a single integrated circuit, at a substantially greater price, just as one example. I manufactured tube guitar amps for 7 years, and managed to pick up a few things in that time. Radios are much cheaper to make now than they used to be.

What the manufacturers seem to be doing now days is, instead of lowering the price, they add more features and keep the price the same. If they produced radios with the same level of features of those of the old days, they would again be much cheaper than they are. They might not sell, but they could be offered cheaper. We'll have to see how the bare bones MFJ 6 meter SSB rig does - I know I want to buy one. Look at what you can buy one of the QRP kits for! Amateur radios should not be as expensive as they are.

Remember the addage about adding up the price of all the parts in your car? Well, try the same thing with the parts list of your radio, only move the quantity break over two or three columns to the right. I think you'll find there's plenty of room for profit manufacturing amateur radios.

Amateur radio is admittedly a small market by comparison to some others. But by the same token, radios are relatively simple devices to manufacture when compared to VCR's and camcorders. And Kenwood already does make a

fair number of other types of radios, and in extremely large quantities; stereos, cellular and cordless phones, for example?

Wholesale distribution within the amateur radio market also has a negative effect on pricing. Several distribution centers across the country, each adding a cost factor. Lots of mom and pop stores, each of which buying only a few units means a more complex (and costly) distribution system. But there are large chains, each of which buys in fairly large quantities. There should be a greater differential in pricing between the large stores and the small ones. But the manufacturers are not providing discounts that are in proportion to quantity to the large chains. This is good and it is bad. It's good because mom and pop can stay in business selling radios to us; it's bad because it keeps the prices up.

IMHO the price of amateur radio equipment could be lowered, but we may not be giving the manufacturers much incentive to do it. Were just paying the high price, and then sitting here trying to argue why we *should* be paying the high price.

JK
KE6JPO

5139. WTB: UHF 100% Duty ~75W Repeater Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: paidukas@harris.com
Message-ID: <4a48fc$6a2@hearye.mlb.semi.harris.com>
Source record: 209277
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Wanted: UHF Ham band amplifier capable of 100% duty cycle.
Needed for repeater. Must be at least 65W output minimum.

Paul KT4DI Work: paidukas@Harris.com
Packet: KT4DI@KD4WLE.#MLBFL.FL.US.NA Home: paul@theborg.mlb.fl.us

5140. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.95Dec6100726@rinhp750.gmr.com>
Source record: 209278

I believe what we're seeing here is price stabilization through the addition of features.

Let me explain.

Profit is the difference between what an item sold for and the total cost of selling it. In a highly competitive market like grocery items or home computers the margins can be quite small. Customers are fickle and will drive across the street or across town to save $10. If a producer wants to remain in business he'll have to remain competitive.

If the price to produce something goes down then the profit goes down. (I know that doesn't make sense. Read on.)

If the amateur radio manufacturers were to make a simple ham band only radio that was a solid state equivalent of those rigs of yesterday they'd probably be able to make them for very little money. I have no idea how much but an AM/SSB CB radio can be manufactured for under $100. If they work on a 20% margin that radio would sell for $120 and the profit would be $20.

If they were to put in $1000 worth of bells and whistles it would cost $1100 to make and with a 20% markup, it'd sell for $1320 for a profit of $220.

Back when color televisions came out you could get a nice one for about $350. Today a nice color television costs about $350. The price (and profit) has been stabilized through addition of features like remote control, automatic color correction, automatic find tuning, stereo sound etc.

--
Val Breault vbreault@gmr.com \ /| ars N8OEF
GM R&D Center - instrumentation dept. \ / | pres GM ARC
My opinions are not necessarily those \ /__| HF mobile on
of GM R&D or of the GM Corporation. \/ |___ 14.200 +/-

5141. Icom IC-735?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: pbriggs@ncw.net
Message-ID: <4a4rth$eg7@golden.ncw.net>
Source record: 209279

Does anyone have a review of the Icom IC-735? My uncle has one and I think the radio is a good performer. I'm interested in getting back into HF again, but don't want to spend too much of a fortune doing it. The main reason I was thinking of going Icom, is the service center is right here in Washington State, I would more likely get something wrong fixed here than way down in California for Kenwood.

I mainly want to operate the digital modes on HF like CLOVER, AMTOR, RTTY etc.

Please E-MAIL, the newsgroups server hear has a low amount of space, so threads might disappear before I can see a follow up reply to this newsgroup.

Thanks & 73's

--
Patrick AA7AE
Visit the Amateur Radio Index
http://www.televar.com/~pbriggs/hamradio/index.html
pbriggs@televar.com

5142. Re: What is SPAM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: mjnapier@blanca.uccs.edu
Message-ID: <4a4qhn$sl4@harpo.uccs.edu>
Source record: 209280
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Anthony R. Gold (tgold@microvst.demon.co.uk) wrote:
: In article <49vf3o$nf4@what.whytel.com> dismondo@why.net writes:

: > In <49tc2s$ka9@odo.PEAK.ORG>, billn@PEAK.ORG (Bill Nelson) writes:
: > >Apparently, your part of the UK is in conflict with the net convention.

: > I always thought SPAM was a tin of ham bits all cramed together !
: > Why would SPAM denote a multi posting ? Where does this kind of
: > jargin come from ?

: I would tell you about a Monty Python restaurant skit, but sadly I must
: confess that this show also came from the same part of the UK which is in
: conflict with the net convention :-(

: Regards,
: --
: Tony - G3SKR / AA2PM email: tgold@panix.com
: tgold@microvst.demon.co.uk
: packet: g3skr@n0ary.#nocal.ca.usa.na

5143. Alinco DJ-G5T dual-band handheld (and the DJ-580T and DJ-582T)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <4a4p78$42g@xmission.xmission.com>
Source record: 209281
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Does anyone have comments on the Alinco DJ-G5T dual-band (2m/70cm) handheld? From reading a description, it looks great to me. Earlier, I didn't realize that it has a backlit keypad and a microphone down low (good for full duplex).

So, if you have comments, like perhaps in these areas, please reply or post!

- Are batteries (for the DJ-G5T) available from any companies besides Alinco?

- How does battery charging work -- do you charge the pack when it is disconnected from the radio, as with the DJ-580T?

- How about any neat undocumented features? The DJ-580T has a really neat undocumented feature -- its DTMF sending speed can be adjusted to be VERY (and I mean VERY) fast, by using the #123 code successively for each slower speed, to cycle between the 16 speeds) after F-PL/FL (as with the documented #508 code for entering cross band repeat mode). I wonder if the DJ-G5T's DTMF sending speed can similarly be adjusted. I wonder if the DJ-582T even has this really cool feature like the 580 does.

- The extra PTT button for the "other" band sounds neat.

- I have seen differing memory capacity numbers. One description said "80 memories", while another said "100 memories for each side" (for a total of 200, I guess). Which was correct? I guess I should ask Alinco, too.

- Do people like it, and has anyone had problems with it?

The biggest problem with my DJ-580T is that it is now all alone somewhere in the bushes up in the Wasatch Mountains. :-(

Let's get some DJ-G5T discussion going!

Oh, and I don't suppose it has a 9600bps data jack, does it? I don't know of any handheld that does, darn it.

Best Regards!

5144. Busting battery packs open

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4a4ogj$ll9@cville-srv.wam.umd.edu>
Source record: 209282

It's been recommended to me on numerous occasions that I drop
the pack in the freezer for a short time before trying to crack
the glue. Apparently the glue can lose some of its elasticity
when it gets down to freezer temeratures.

--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...

5145. hammarlund hq129x manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: sabinw@crpl.cedar-rapids.lib.ia.us
Message-ID: <4a4ofs$r4o@flood.weeg.uiowa.edu>
Source record: 209283

Sams photofact in Indianapolis has the HQ129X info.

5146. Re: Wanted:Icom IC-2350 Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: Larry Smith <Larry@g4oxy.demon.co.uk>
Message-ID: <888131493wnr@g4oxy.demon.co.uk>
Source record: 209284

In article: <00001fed+00002095@msn.com> Bootlegger@msn.com (Robert Young) writes:

>
> Wanted:
>
> I need the extended TX\RX mod for the Icom IC-2350 dual
> band mobile. The one posted earlier on doesn't work on
> US models. Any help would be appreciated.
>
> 73 de N9MSS Bob
> Bootlegger@msn.com
>
>

I posted a series of mods here last week for the IC2350A (purchased in USA) and they all work--
Larry Smith G4OXY

5147. Re: Hal P38 - Clover Solution for a Laptop ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: davew@cruzio.com
Message-ID: <DJ52zA.n4y@cruzio.com>
Source record: 209285
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital

>I just received a datasheet from Hal describing the DSP4100 which appears
>to be a standalone PCI-4000 which communicates with the host via RS-232.
>The datasheet even claims the DSP4100 is particularly well suited for
>use with lap-top terminals in a portable and/or field environment :-)
>I wasn't able to get a price for amateur applications but the fellow
>I spoke with said it had recently been introduced into 'other' services
>and would probably be marketed into the amateur radio service sometime
>soon. I expected pricing but didn't get it in the mailing but I would
>expect it to be more expensive then the PCI-4000 due to the more elaborate
>packaging.
>
>I'm quite interested in investing in either Clover or Pactor myself to
>put together a NVIS data link for use while in the field.
>
>bart wb6hqk

There are a couple of marine communication companies that are using
Clover with what appears to be the PCI-4000 card. Their ads make ref-
erence to an external "modem" for laptops and other PC's that cannot
accomodate the large card. This DSP-4100 must be it. What I found
interesting is that these commercial services use data encryption so they
cannot be monitored.

Dave KD6TO

5148. Re: ICOM 737 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: roger.boehnlein@hal.apk.net
Message-ID: <EQUIPMNT.E39A@hal.apk.net>
Source record: 209286

Cecil,

Thanks for the info. I probally will have to also send mine in. I
just hate to be without it for a while. Maybe if I beat on it with a big
hammer or something :)

Roger N8TCP

5149. difference between the mla-2500a and the 2500b

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: lwwald@lerc.nasa.gov
Message-ID: <4a4bip$8av@sulawesi.lerc.nasa.gov>
Source record: 209287

Fellow locally has a mla2500? for sale and I wondered what the
difference was between the a and b models. Also, what is the
ball park for what these versions are worth. Any info. would be
appreciated.

Larry, KE8GW
--
==========

Lawrence Wald, IN-STEP Payload Dev. Branch
Space Experiments Division
NASA Lewis Research Center
Cleveland, Ohio 44135
Phone (w' mail) (216) 433-5219
Facsmimile (216) 433-8660
lwwald@lerc.nasa.gov
==========

5150. Computer noise..... HELP!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: MUENZLERK@uthscsa.EDU
Message-ID: <01HYHMLQECG200DMXW@uthscsa.edu>
Source record: 209288

My only suggestion is to put the antenna(s) as far from your computer/shack as possible. That is the only way I was able to cure my computer noise problem. Also, make sure that your rig is grounded well. Be sure that your cables (video, printer...) are of the shielded variety.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

5151. Manual for HQ129X

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: sgoldberg@psu.edu
Message-ID: <sgoldberg.20.0712CBFF@psu.edu>
Source record: 209289

I'm looking for a manual or schematic for the Hammarlund HQ129X receiver. Any info on a source would be appreciated.

Thanks,

Steven, KJ5IL

5152. ICOM IC-2340H Radio Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: bobzito <bobzito@wolfenet.com>
Message-ID: <30C65EC3.1B2B@wolfenet.com>
Source record: 209290

ICOM IC-2340H Radio Mods wanted especially extended frequency coverage.
The only mod I have been able to locate so far for this radio is the RF
attenuator mod. Thanks!
Bob
--
<bobzito@wolfenet.com> (Bob Zito)

5153. Manual for HQ129X

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: <>
Message-ID: <00182B4A012A77EC@SANDH.COM>
Source record: 209291

Path: news.telalink.net!news.sprintlink.net!uunet!in1.uu.net!newsfeed.internetmci.com!howland.reston.ans.net!news.cac.psu.edu!psu.edu!sgoldberg
From: sgoldberg@psu.edu (Steven F. Goldberg)
Newsgroups: rec.radio.amateur.equipment
Subject: Manual for HQ129X
Date: Wed, 6 Dec 1995 11:03:48 ET
Organization: Penn State / Hershey College of Medicine
Lines: 7
Message-ID: <sgoldberg.20.0712CBFF@psu.edu>
NNTP-Posting-Host: br2-xyp-ts1-p10.nb.hmc.psu.edu
X-Newsreader: Trumpet for Windows [Version 1.0 Rev B]

I'm looking for a manual or schematic for the Hammarlund HQ129X receiver. Any info on a source would be appreciated.

Thanks,

Steven, KJ5IL

5154. Q: Regulated vs. Unregulated PS?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: ctbaker@burrito.engr.ucdavis.edu
Message-ID: <4a4la7$rsg@mark.ucdavis.edu>
Source record: 209292

What's the difference between a regulated and unregulated power supply?

Chad

5155. Re: getting rid of computer noise

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: Darryl Goebel <dgoebel@execpc.com>
Message-ID: <4a2u1s$pdk@daily-planet.execpc.com>
Source record: 209293

My computer tears up my TS-950 ONLY when I run Windows!
If I stay in DOS, everything's cool. Load Windows and I get 3 S-units of noise!! Any suggestions??

5156. Power supplies: Astron or Daiwa or other

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: MUENZLERK@uthscsa.EDU
Message-ID: <01HYHFKDYPVM00DIQP@uthscsa.edu>
Source record: 209294

I have an Astron RS-20 and have really abused the poor thing.
I've never had a bit of problems with it (5 years).
It is rated at 16A continuous and 20A intermittent but if you put
a little fan on the heat sink you can run at 20A continuous
all day.

Kevin, WB5RUE

5157. need schematic for Atlas 350XL

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: n5lco@amsat.org
Message-ID: <4a4m9u$qve@ipxpress.aws.waii.com>
Source record: 209295

Hi,

I am in need of schematics and a manual for the
Atlas 350XL HF transceiver. I will pay copying
and shipping charges.

Please email me at n5lco@amsat.org if you are
able to help.

Thank you,

Bob N5LCO

5158. FS Spectrum Analyzer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: josh@pirate.org
Message-ID: <josh-0612952030560001@manitou.pirate.org>
Source record: 209296

I have a brand new Spectrum Analyzer in the box that I want to sell. It is a SA 1300 with all of the options. RX range is 2 to 1300 mhz. The options include Marker gen, Freq Display. Audio moniter. and more. Asking $1300.00

Send any inquerys to
josh@pirate.org

Thanks
Josh Hoffman
KD6WJX

--
****
Http://www.pirate.org/home/jhoffman
To talk If I am on josh@manitou.pirate.org
****

5159. Wanted a Manual for Alinco DR-560T Handie Talkie. Can anybody make a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: bobzito <bobzito@wolfenet.com>
Message-ID: <30C666A7.AF9@wolfenet.com>
Source record: 209297

Wanted a Manual for Alinco DR-560T Handie Talkie. Can anybody make a copy for me of this? If not has anybody called Alinco and ordered manuals from them lately? How much do they charge? Do you have their telephone number? Thanks!
Bob

--
<bobzito@wolfenet.com> (Bob Zito)

5160. Icom R-100

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: wdubrof@eng.clemson.edu
Message-ID: <4a4l7q$679@hubcap.clemson.edu>
Source record: 209298

The Icom R-100 appears to be the receiver section of the IC-706. Does anyone have any experience with this unit?

Thanks.

KF4ECX

5161. DBM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: davearea51@aol.com
Message-ID: <4a5r8r$dtj@newsbf02.news.aol.com>
Source record: 209299

Down East Microwave who advertises in QST and a number of other amateur VHF/UHF publications sells 'em. Also MiniCircuits has a number of varities and types ranging from about $3.00 to $100.00.

5162. Re: TS-120s fix

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: Mark Oppenheim <Mark@Tetherless.com>
Message-ID: <4a2snh$pou@gorgor.pa.tetherless.com>
Source record: 209300

Their WEB site is <http://www.kenwood.net> however, their BBS, where most of their service bulletins are is at (310) 761-8284 (Los Angeles area).

As I recall, a lot of "wierdness" with the TS-120/130 series relates to bad grounding on the final amplifier and IF boards.... usually unscrewing the boards and re-tightening (as well as checking any grounding wires at these points, removing corrosion, etc) will solve most of the problems.

Mark

5163. http://www.burnabyradio.com/ham/brc.html

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: donb@Direct.CA
Message-ID: <4a3epb$9qs@grid.direct.ca>
Source record: 209301
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.packet

Hello to all who read this message.

I am letting you all know that the Burnaby Radio communications WWW page is
now running stable, you should be able to check it out at any time.

Some of you had problems before accessing our WWW page, but that problem
should be over now. We have changed servers so our WWW Page should work all
the time now.

The page is at "http://www.burnabyradio.com/ham/brc.html"

We are: Burnaby Radio Communications Ltd.
4257 E. Hastings Street
Burnaby, B.C. Canada
V5C 2J5
Phone: (604)298-5444
Fax: (604)298-5455
BBS: (604)298-3283

WWW: http://www.burnabyradio.com/ham/brc.html

Please visit us!!!

And please fill out our form, and you will receive our latest price list.

Thanks.

Don Boekenkruger
ve7cbt@intergate.bc.ca

5164. Re: Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4a4lnc$2412@ns5-1.CC.Lehigh.EDU>
Source record: 209302

In article <817753176.3865@pinetree.microserve.com>, jackl@pinetree.microserve.c
om (WB3U) writes:
> barry@valonline.com (Barry Dorfman) wrote:
>
>>Fellow HAMS,
>>
>>Beware of Kenwood radios "Made in China"
>>I have had 2 real bad experiences with them.
>>Maybe if we as a group refuse to accept this junk,
>>they wont try to stick us with it.
>
>I don't buy *anything* made in China if there is an alternative - that
>includes blow dryers, pocket knives, clocks, vacuum tubes, etc. A ham
>rig made in China is not even a consideration.
>
>If Kenwood is now importing goods from China, I will boycott all their
>products, regardless of the country of origin. Can someone else verify
>this?
>
>73,
>
>Jack WB3U

Yes Jack this is becoming a common practice. The Japanese Manufacturers are suffering from escalating labor costs. To address the problem they have turned to outsourcing. The Chinese are extremely cheap sources of labor at the current time. Several of the Pacific Rim Countries are suffering from the same ills they inflected on outers when they had cheap labor. What goes around comes around or so it seems. Look for the Koreans to do more outsourcing to China as well. Other nations such as Thailand, Malaysia and the Philapines are gearing up to be low cost high tech producers. The era of captive markets for mass production are slipping away. Even Vietnam wants to be a major player in the high tech area. This is the reason they want to be our good buddies now so they can gain access for high tech manufacturing and info systems work. The Indians have done a remarkable job in securing software development contracts. They write one hell of a lot of code in India for transfer to software houses.

73's Dick K8WHA
>

5165. re: QSK....

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: "Joe F. BV/N0IAT" <joentam@transend.com.tw>
Message-ID: <4a459r$hmo@keelung.transend.com.tw>
Source record: 209303

OOPS....You are correct. I typed 2:1 dash dot ratio. Should be 3:1...the keying was chopped to 2.7 then 2.5 to 1 at the higher speeds.

Thanks for pointing this out...sorry.

5166. Re: Hamstores in Seattle ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-06 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <4a4e7l$pqb@bighorn.accessnv.com>
Source record: 209304

100553.1214@compuserve.com <100553.1214@CompuServe.COM> wrote:
>I'm staying in Seattle until Tues 5/12/95 , where are the best
>ham stores to visit?
>
>Any other good ham related events etc ?
>
>Jim G7NKS
Jim,
There is only one store, "Amateur Radio Supply" in south Seattle near
Being field. Stop in and say hello to George K7HBN.

73 Bob KG7D Las Vegas (formerly from Seattle)

5167. Re: QSK...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DJ7wqI.9C5@iglou.com>
Source record: 209105

It is as if they had to WORK at it to make qsk this bad. My Kenwood
TS-940 has been tested for qsk above 100wpm showing no effect on keying.
The Ten Tec Hercules amp I use has a loud, large, reed relay for keying
the final. It follows my keying to 50wpm with no noticible effects at all.
The problem with the IC706 is that there is no weight adjustment for the
internal keyer. It does have a "ratio" adjustment which indicates a range
of from 2.8 to 3.?.... If 3:1 is the proper ratio, whats the deal with
that Alinco rig and 2:1 sounding so good?????
But ratio isn't the key factor here. Even if the ratio is correct, if
your dots and dashes are clipped, it still stinks.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

5168. Enabling TS-830S WARC Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: kb7et@usa.pipeline.com
Message-ID: <4a5lbg$9l8@news1.usa.pipeline.com>
Source record: 209106

Help ...

I just acquired an older Kenwood, the TS-830S,
and it has the WARC bands ... but it won't
transmit on those bands.

The manual sez there are diodes installed to
prevent transmission. It must be an early serial
number. Which diodes do I remove to get
transmit on 30, 17 and 12 meter bands?

Any help would be appreciated.

73 de Jim, KB7ET
kb7et@usa.pipeline.com

5169. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: "Edwin J. Bailen (& sometimes Irene Beattie)" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.951207205642.9319B-100000@matrix.eden.com>
Source record: 209107

On Mon, 4 Dec 1995, James Mills wrote:

> Date: Mon, 4 DEC 1995 11:35:08 GMT
> From: James Mills <jmills@.MISSING-HOST-NAME.>
> Newgroups: rec.radio.amateur.equipment
> Subject: Re: Limits to DSP?
>
> >Suppose we wanted to do DSP at a "real" IF, say 9 MHz.
>
> Well, Nyquist's Theorem states that maintain the information conteained in your
> real-time signal, the discrete time signal must have a minimum sample frequency
> of double, ie 18 MHz. However, the greater the sample frequency the greater the
> resolution, a practical solution would be three times, ie 27 MHz.
>
> Yours
>
> James Mills
>
> jmills@ee.ucl.ac.uk
>
>
>
You may be more limited by the ADC sampling rate. I think the military
is using saphire substrates to implement complete digital IFs. Under
that scenario, additional DSP functions are free.

Ed Bailen -- N5KZW / Irene Beattie -- KA5DYF
His religion? Geek Orthodox!

5170. Wound Care & Pulsed HF High Peak Pwr Electromagnetic Energy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: tgriff@ix.netcom.com
Message-ID: <30c77baa.9666964@nntp.ix.netcom.com>
Source record: 209108

This week I attended a presentation by representatives of the Diapulse Corp. The topic was "A New Approach to Wound Healing with an Accelerated Wound Care Program." The treatment is accomplished, according to their literature, with equipment that operates at 27.12 MHz, pulse repetition rate of 80-600 pulses per second, 65 microsecond pulse width, power range per pulse between 293 to 974 watts, duty cycle between 1/2 of 1 percent to 3.9 percent, square pulse with rise and fall time less than 1 percent...

During the question session I asked

Q: Is the power supply solid state or tubes?
A: Tubes because there is no solid state amplifer which can accomplish what the tubes can.

Q: There has been information that some hospitals no longer allow cell phones on premises due to reported interference with telemetry transmitters and receivers and infusion pumps. Does this devise cause interference?
A: No, cell phones have an erratic transmitting pattern and this devise does not. [then some comments about cattle, cancer and high tension electric lines]

I am seeking opinions regarding the specifications and comments regarding the above answers provided to my questions.

TIA

Tom Griffin
WB4YXA ex: WH6IIJ, DA2MR, HL9/WB4YXA

5171. Kenwood TS690S Any mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: donr@mdsroc.com
Message-ID: <4a7co6$tr6@mdsroc.com>
Source record: 209109

This is a posting for KD5RO. He would like to hear of any mods for the TS690S, out of band, audio, feature enable etc. Please post to the group and copy me.

Thanks.
--
Don Russ Microwave Data Systems, Rochester, NY
Advanced Development Engineer a California Microwave Co.
N2CZL@WB2PSI.#wny.ny.usa.na donr@mdsroc.com http://www.mdsroc.com

5172. Re: Way to open Icom BP-84/83 battery packs???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: rice@ttd.teradyne.com
Message-ID: <1995Dec7.124039.1@ttd.teradyne.com>
Source record: 209110
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <egf-0712950929390001@egf.ultranet.com>, egf@ultranet.com (Ed Fortmiller) writes:
> I have two Icom BP-84 and one BP-83 battery packs which are
> dead. Anyone know of a way to nicely open these type of packs?
> I believe I could at least make use of the BP-84 to stuff AAs
> in if I could open it. I'm aware of and own the BP-90 which you
> can stuff yourself.

It's possible to obtain replacement nicad 'cells' for the BP battery packs, at 'significantly' less cost than the cost of an entire 'new' pack from Icom. . Look in the back of any ham magazine for an ad from 'Mr Nicad' in wisconsin.

Thought the packs came apart with a coupla screws (or am I remembering the wrong 'pack') ?

John Rice - K9IJ | "I speak for myself, not my employer".
k9ij@avsoft.com | Miracles, Magic and Sleight-of-hand done here.
k9ij@amsat.org | Licensed since 1959
(708)-438-5065 - (bbs) | Ex: K8YZR, KH6GHC, WB9CSP, W9MMB, WA1TXV

5173. Re: Mystery Coax

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4a77ee$aoj@pacific.mps.ohio-state.edu>
Source record: 209111

You've got some nice coax,Bob, worth over $1/foot. RG-142 is teflon insulated coax, with silver plated shield and inner conductor. It is 50ohm, and perfect for HF/VHF use. Teflon has very good voltage insulation and high-temperature properties, so I'd guess the power rating would be pretty close to RG8/U, and definitely much better than the comparable-sized RG-58/U. To give you an example, I use it to wind traps in my 160/80m inverted Vee, and routinely run a full-bore 8877 homebrew amplifier into them with no problems.
Jim W8ZR

5174. Audionic VOX mic for Yaesu FT-11R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: killian@aztec.asu.edu
Message-ID: <4a7hro$a4o@news.asu.edu>
Source record: 209112

Anyone know of an audionic type VOX speaker/mic for the Yaesu
FT-11R?

Mike
KC7JGC
killian@aztec.asu.edu

5175. Re: MFJ "No Radials" Verticals - real or memorex?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDJ8H3H.M6p@netcom.com>
Source record: 209113

William Carmichael (tcarlyle@mindspring.com) wrote:

: They say you can tune the antenna from the bottom - can you? What kind of
: bandwidth... how does it compare... I'd really appreciate it. I'm about to
: make a knee-jerk impulse buying decision and would love to temper it with a
: tad of reason. TNX es 73s = Bill, WA4EVQ

Only the very narrow WARC bands are covered fully. As you get down to 40
and 80 meters, bandwidths are about 25-35 kHz. An antenna tuner is
definitely in order.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

5176. Re: Wanted a Manual for Alinco DR-560T H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: roger.boehnlein@hal.apk.net
Message-ID: <EQUIPMNT.1858@hal.apk.net>
Source record: 209114

Bob,
I have a manual for a dj-560 from alinco. If that is what you want
send me your address and I will drop it in the mail also.

Roger N8TCP

5177. Re: handheld 2M radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: roger.boehnlein@hal.apk.net
Message-ID: <EQUIPMNT.192E@hal.apk.net>
Source record: 209115

I have a 2/440 Alinco DJ-560 ht for sale for $200 if interested.

Roger N8TCP

5178. Re: Kenwod TS-180S vs TS-830S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: "James A. Storm" <jastorm@ix.netcom.com>
Message-ID: <30C6A6A6.13C8@ix.netcom.com>
Source record: 209116

I've been using a TS-180S for about 14 or 15 years and never had a problem except for the power supply going out. I replaced that with an Astron supply which is better and cheaper. Sounds like by the time you buy a power supply for the TS-180 or a CW filter for the TS-830 you'll come out about the same price wise. Don't let the tubes in the finals on the 830 be the determining factor. They have advantages too as long as they're still available at a reasonable cost.

73, Jim WB6LWS

5179. Trigger page mode: FT530 vs FT10R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Jerry Kreifels <Jerry_A_Kreifels@ccm.hf.intel.com>
Message-ID: <4a7bif$smo@mcd1.fm.intel.com>
Source record: 209117

I have a question regarding the trigger page mode on the FT530 and the same mode on the FT10R.

Page mode is supposed to use DTMF tones to open the squelch on another radio. It is looking for a particular set of tones, and also sends that set of tones when you push the PTT button. In trigger page mode, it is supposed to quit sending (and needing) the DTMF tones after an initial exchange. As long as the space between transmissions remains less than 3 seconds, the tones are not needed. A longer pause causes the tones to exchanged again. The problem is the modes are different between the FT530 and the FT10R.

I have a 530, and my friend has a 10R. When we tried to use the trigger page mode between the two radios, we discovered that the 530 requires only 2 exchanges (A sends, B sends) before it quits sending and requiring the DTMF tones. However, the 10R needs 3 exchanges (A sends, B sends, A sends) before it drops the tones. This makes the modes incompatible between the radios. Page mode works fine, but not trigger page mode.

Does anyone know A) why Yaesu changed the trigger page protocol, and B) if there's some way in software or hardware to reconfigure one of the units to the other's protocol? I'd appreciate any comments. Thanks.

Jerry, KO6JV (Sacramento CA area)
Jerry_A_Kreifels@ccm.fm.intel.com
"My opinions, not my employer's."

5180. Re: FT736 vs. TS790: pros and cons?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: FCFB17A@prodigy.com
Message-ID: <4a5ckj$1qha@usenetz1.news.prodigy.com>
Source record: 209161

I have a FT726 and my best friend AA9DL has a 736. You definetily should listen to or talk to someone with a 790. Both of us complain about the poor receivers in these Yaesu rigs. If you have a strong signal on ssb during a band opening or contest the receivers in these rigs are trashed about 15khz either side of the signal. I know this is not a problem with the Icom 275 models. The receivers are really poor on the Yaesus in this regard. Good luck in your search. The Kenwood has the advantage of monitoring two bands at the same time which you can't with the Yaesu rigs.
Steve N9ROU

5181. Re: ICOM 706 Reports

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: radke@radke.seanet.com
Message-ID: <radke-0612951913500001@radke.seanet.com>
Source record: 209162

Re: ICOM 706 Reports

I have had mine since the day before Thanksgiving and offer the following comments:

The radio basicly does everything claimed quite well. Past comments in this newsgroup are pretty much on target. The nitpickers will complain about high speed QSK, the tinny sounding speaker and a few other shortcomings, but on balance I believe that ICOM has created a radio that will see a very high level of market acceptance.

I am using my radio for auto and sailboat mobile operation and feel that it performs that task very well. I have no substantial complaints about the radio and would make the same decision again (in fact my brother went out and bought one the next day after seeing mine on Thanksgiving day).

Regards,

Howard N7TI

--
Howard Radke - N7TI
radke@radke.seanet.com

5182. Re: my old Robotics 1200 Baud Modem--Any use?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: U40241@uicvm.uic.edu
Message-ID: <95341.180448U40241@uicvm.uic.edu>
Source record: 209163
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

If what you have is a USR "AUTO DIAL 212A", it is a bit of a collectors' item. To my knowledge, it was the first modem of its era to consolidate most logic and analog functions into microprocessors. I think it had 12 chips overall, including two cpu's (8080s?) and some rom. The nearest competitor was reported to have 44 medium scale integrated and analog-filter chips. This use of software to replace hardware was extremely effective at cutting production cost while maintaining high standards of performance and reliability. USR was launched competitively with this modem. Before this, USR was producing a 300bd acoustic coupler modem that was embarassing to look at, and not as fancy as an MFJ equivalent which I had (still do). The chief designer, I believe, was Steve Muka, a talented software whiz who tragically died after several bouts with brain cancer. USR evolved from a group of computer hobbyists and pros who were members of the "University of Chicago Computer Club" of 1975-77. It disbanded when in the spring of 77 the active members decided to form companies to produce various computer pariphenalia. Of the three corporations formed that year, only U.S. Robotics survived. Stan Metcalf, a corporate charter member with a taste for science fiction, named the company. Several years later he split with USR over some conficts, and formed Computex. Look up old Byte magazine ads to compare these companies products as of about 1979-81. It shows that you can start out slow and dumb and come out a winner, or blast out of the blocks as Computex did with a ground-breaking computer that might have altered the course of microcomputing as we know it. Too bad Pascal Engines did not catch on! Yes, that dusty old U.S.R. modem did for modems what Apple did for micros. K9ZAT

5183. Icom synthesiser problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Martin Davies <Martin@amdavies.demon.co.uk>
Message-ID: <818295174snz@amdavies.demon.co.uk>
Source record: 209164

Several people have recently posted messages saying that they have had problems with the receivers in their Icom rigs such as the 725, 737, etc.

I have a 735 which is now about 6 years old and has for the last year or so suffered from an intermittent problem with the synthesiser which results in one frequeny range (8.000 to 14.999MHz) becoming virtually unusable at times. The symptoms show up as received signals becoming rough-sounding and at times disappearing altogether into a general mushy sound. It is most noticeable on Morse but SSB and even AM signals can sound pretty awful. A loud Morse signal on say 20m can sound several 10's of kHz wide.

The problem is caused by the VCO for that range (one of four) becoming excessively phase-noisy and at times causing the synthesiser PLL to lose lock altogether. I am reliably informed that the cause of the noisiness is a partial breakdown of the VCO trimmer capacitor, and that the cure is to replace the trimmers in all 4 VCOs. The components cost peanuts but it's a fiddly job to get at them; it entails removing the PLL board and then CAREFULLY unsoldering a metal screening can to gain access to the trimmers. I intend to replace them with professional grade components when I eventually get round to doing the job - at the moment the problem's not in evidence so there's no incentive to tear the rig apart!

73 es gl,

-- Martin Davies G0HDB @ GB7GLO.#46.GBR.EU and > GB7DXC (DXCluster)

5184. Re: "DBM" WANTED

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Tom Pfaffenbach <tvpfaffe@mail.delcoelect.com>
Message-ID: <4a6ots$q6m@kocrsv08.delcoelect.com>
Source record: 209165

Try the LRFMS-4-SM6(Mfd. by RF Prime) 5-1500 Mhz LO, DC-1Ghz IF, 7.5db conv loss @ $6.95 for
1-9 pcs. from Richardson Electronics,Ltd - Internet http://www.rell.com per the November issue
of Wireless Design and Development.

73

5185. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <4a7led$ple@news.service.uci.edu>
Source record: 209166

In article <4a6tnm$aot@ramp2.lisp.com>, Gary Newberry <garyn@tir.com> wrote:
>jwkelley@e4e.oac.uci.edu (James W. KELLEY) wrote:
>
>Big Snip
Indeed!
>Well, did the likes of Drake, Collins, Wilson and to a certain degree
>Heathkit drop out of the amateur market because they were making too
>much money ? Or because they were unable to compete price wise ?

Don't know. Did they have an overseas market; what was the exchange rate
; what kind of foreign marketing did they employ? If the overseas
manufacturers can sell here, but we don't sell there....advantage: foreign
manufacturers. Heathkit would have survived to this day, had it been run
more intellegently. As for the others one thing is certain, people
apparently did not want to buy their radios. (Irregardless of the quality
of the products - really too bad. You can make a better mouse trap, and
the world won't beat a path to your door.) Many American electonics
manufacturers fell by the wayside during the transition from tubes to
solid state. Maybe _their_ prices were too high?

The Japanese manufacturers have at least one distinguishing trait -
they do not put all their eggs in one basket. They manufacture other things
in addition to amateur radio and commercial equipment. A broad base is a
necessity to survive in the world market.

>
>I've seen the Japanese electronics industry accused of many many
>things (dumping , unfair competition, Japan Incorporated, etc. etc.)
>but I can't recall of too many folks (especially the ones that have to
>compete against them) accusing them of Charging Too Much.
>
>Gary WB8POK

Yes, apparently it's sacrilege!

Jim KE6JPO

5186. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: garyn@tir.com
Message-ID: <4a6tnm$aot@ramp2.lisp.com>
Source record: 209167

jwkelley@e4e.oac.uci.edu (James W. KELLEY) wrote:

Big Snip

>IMHO the price of amateur radio equipment could be lowered, but we may not
>be giving the manufacturers much incentive to do it. Were just paying the
>high price, and then sitting here trying to argue why we *should* be
>paying the high price.

>JK
>KE6JPO

Well, did the likes of Drake, Collins, Wilson and to a certain degree
Heathkit drop out of the amateur market because they were making too
much money ? Or because they were unable to compete price wise ?

I've seen the Japanese electronics industry accused of many many
things (dumping , unfair competition, Japan Incorporated, etc. etc.)
but I can't recall of too many folks (especially the ones that have to
compete against them) accusing them of Charging Too Much.

Gary WB8POK

--
garyn@tir.com <Gary>

5187. Yaesu FT-11R question?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: killian@aztec.asu.edu
Message-ID: <4a715f$7tj@news.asu.edu>
Source record: 209168

I am interested in purchasing a VOX headset for the FT-11R. I just received some info from Yaesu on the VC-22 and noticed that it received PWR from the HT. I then looked at the schematic for the HT and noticed that the MIC connector was in fact a 'stereo' type (3 conductor) connector.

My question is this, I use a mic that was recommended by Yaesu now as the external mic (it is the mini speaker/mic). It has a 2 conductor plug for the mic. Why doesn't this short out the B+ in the HT? Am I missing something here? Should I continue to use this Mic? Could this damage the radio?

Any insight would be appreciated?

That was supposed to be a period not "?". I quess I got a little carried away with my questions.

Thanks
Mike KC7JGC
killian@aztec.asu.edu
!!!

5188. VOX headset

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: killian@aztec.asu.edu
Message-ID: <4a71b6$800@news.asu.edu>
Source record: 209169

I am looking to purchase a VOX headset for the Yaesu FT-11R HT.
Anyone have any experience with various VOX's?

I am looking at the Yaesu VC-22, but it is kinda pricey ($59.99).
Anyone know of a less expensive (not necessarily cheaper) unit
that works well with this radio?

Thanks.

Mike - KC7JGC
killian@aztec.asu.edu

5189. Re: IC-706 "Band Scope"

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: aa0yt@mo.net
Message-ID: <4a6tsj$a8t@Twain.MO.NET>
Source record: 209170

I sorta suspected that this might be an "undoable" request. Great idea, though! I've found if I leave the radio with the band scope display up (not scanning, however), and change the scale factor, I get one quick scan at that scale factor, and that's good for doing a quick check without missing much. I must say, I do like that the scan shows you where you VFO is tuned to with respect to the scan; nice for quick pounces! Thanks for the reply!

Colin

On 5 Dec 95 03:06:41 GMT, aust@gandalf.sp.TRw.COM (Mike Aust) wrote:

>
>The IC-706 , when in the band scope mode is sweeping the VCO, unlike
>a spectrum Analyzer with an adjustable IF filter Bandwidth, that's is
>why the audio is muted, in the Spectrum Scope mode.
> For a true Analyzer with adjustable IF filters, the radio would be a LOT
>larger in size and more expensive.
>For what it is, its a nice feature, but to scan and listen to fixed
>frequency at the same time, I think is not possible.
>Maybe someone else can verify this.
>73
>Mike
>WB6DJI
>Enjoy my IC-706, its a great little radio!!!
>Traded in my semi-new Kenwood TS-50 for it!!
>
>
>
>Date: Mon, 04 Dec 1995 14:06:11 GMT
>From: aa0yt@mo.net (Colin Wright)
>Subject: IC-706 "Band Scope"
>
>Just got my new IC-706 in and I love it! Haven't done the "yellow
>wire" mod... waiting for bravery -- or tomfoolery! -- to set in. I
>have a question, however, for you modification folks.
>
>Has anyone seen a way to mod this rig to leave the volume on (pinned
>to the frequency you are listening to) while letting the band scope
>scan the band for you. During openings, it might be nice to be able
>to talk to someone, and see that there's some activity up the band.
>Just a thought!
>
>Thanks!
>

>
>Colin R. Wright, AA0YT
>aa0yt@mo.net
>http://walden.mo.net/~aa0yt

Colin R. Wright, AA0YT
aa0yt@mo.net
http://walden.mo.net/~aa0yt

5190. Mystery Coax

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: bmcguire@tiac.net
Message-ID: <4a748k$d18@sundog.tiac.net>
Source record: 209171

Greetings all.

I came across some coax which I cannot find info on.
Anyone out there ever see such a beast? And if so, what can I use it for.
Ohms? Freqs?

Here's whats on the jacket...

M17/60-RG 142 MIL-C17F 12814 THERMAX RG-142E

It's the size of the rg-58 and seems to have a silver-type center, with
a silver ground. I've got close to 500' of this. Since I'm gonna be doing
some tower work this winter (doesn't everyone?) I was wondering if i can use
it for HF/MF/VHF.

Thanks for any info.

73 Bob N1HKV
B
B
B
B
B
B

--
+---+
| Bob McGuire, N1HKV ARRL/W5YI VE et al |
| Oracle Database Administrator/VMS Systems Manager |
| Groundwater Technology, Inc. Norwood, MA |
| Email to: bmcguire@gtionline.com |
| |
| "Testing's for sissies..." ...-.- |
e---+

5191. RT-285 A / URC-11

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: mje@pookie.pass.wayne.edu
Message-ID: <4a6p3s$26f@cwis-20.wayne.edu>
Source record: 209172

I have in my posession 3 model RT-285 A / URC-11 rescue radios. This (for the uninformed) is a pocket-sized military rescue radio that transmits, receives and transmits a tone on 243 MHz. I have three options for using these radios:

1. Buy three aircraft
2. Get info on converting these to the 220 MHz amateur band from someone who's done it and find out what battery voltage(s) are required
3. Sell them to someone with more time on their hands, as these have been sitting around for quite a while.

Any offers for options #2 or #3? I tossed my latest Fair Radio flyer so I have no idea what these are going for these days.

Michael Edelman KE8YY
Wayne State University mje@pass.wayne.edu (Sun)
Computing & Information Technology medelma@cms.cc.wayne.edu
Planning & Support Services http://www.pass.wayne.edu/~mje/home.html
Detroit, MI 48202 Voice: 1-313-577-0742
USA FAX: 1-313-577-8787

5192. Re: Kenwood TM-221A malfunction

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Wayne Ridley <ridley@jethro.cdnnuc.ge.com>
Message-ID: <30C71195.2746@jethro.cdnnuc.ge.com>
Source record: 209173

According to my manual for that rig, ther IS a lithium battery
in there someplace. That's most likely the cause of your problem
with lost memories.

Wayne
VE3 LFB

Charles Williamson wrote:
>
> I have a Kenwood TM-221A 2-meter mobile that has developed a perculiar
> problem. After the unit has been off for 15 - 30 minutes it forgets all of
> its settings (memory frequencies, etc.), even though I am sure it has an
> uninterupted 13v supply. It does this on the bench too. I have looked in
> the unit for a lithium battery but I don't see one.
>
> Possibly a related problem: the LCD display has lost some of its contrast.
> The unit still transmitts ok, so I don't believe the problem lies with the
> car battery or the power connections, and like I said, it has the same
> troubles on the bench.
>
> Any ideas??
>
> Charlie Williamson KB0CDO

5193. Re: Q: Regulated vs. Unregulated PS?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: phall%/etc/HOSTNAME
Message-ID: <4a6skp$lds@zippo.uwasa.fi>
Source record: 209174

shatter (ctbaker@burrito.engr.ucdavis.edu) wrote:
: What's the difference between a regulated and unregulated power supply?

A regulated power supply have logic that makes the supply voltage as
constant as possible. This is done by various techniques, but the
main tecnique is to have some amplifier after the fransformer that
compensates load and ripple.

```
---------- ----------| 7812 |------------
transformer | | |------|
| | |
---------- ------------+---------------
```

If the transformer gives 15 V for instance, the 7812 regulator makes 12 V
out of it. If you have a load the transformer voltage will drop, but the
regulator will try to keep it at 12 V. The standard 7812 will deliver max
3 A. Usually these regulators goes hot, so you need plenty of cooling stuff
on them.

--
- Patrik Hall ----------------- http://www.vtyh.fi/~phall/ -
Fredsgatan 20 bst 2 phall@vtyh.fi OH6KYK
FIN-65100 Vaasa X.400:/S=phall/O=vtyh/ADMD=fumail/C=fi/
FINLAND * Phone: +358 50 500 4668 * (phallphone@loke.vtyh.fi)

5194. Way to open Icom BP-84/83 battery packs???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: egf@ultranet.com
Message-ID: <egf-0712950929390001@egf.ultranet.com>
Source record: 209175
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I have two Icom BP-84 and one BP-83 battery packs which are
dead. Anyone know of a way to nicely open these type of packs?
I believe I could at least make use of the BP-84 to stuff AAs
in if I could open it. I'm aware of and own the BP-90 which you
can stuff yourself.

--
Ed Fortmiller | Hudson MA | egf@ultranet.com

5195. Re-build your Yaesu Battery

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4a7530$c93@kaiwan.kaiwan.com>
Source record: 209176

We agree, replace *ALL* of the cells! At the TRW Swapmeet, replacement high-cap cells are $1.50 each, with metal solder tabs! I also found a used/dead high power battery for $10. I rebuilt that one too.

I've completed three, so far. The method I used to open the case is to wrap the body of the battery with a towel. I then placed the battery in a vice, where the jaws meet the weld ~ and gently tightened ~ listen for a slight 'crack'... It looked like this:

```
BBBBBBBBBB
Jaw------>BBB END BBB<-----Jaw
BBBBBBBBBB
```

Next, I gently tapped the weld/seam with a rubber mallot and the seam/case opens with ease. Works every time with no real damage to the case!

Use two wraps of scotch tape to hold the cells together. Another helpfull hint is to use a hot glue gun to re-assemble the two case halfs. Quickly re-wrap the battery and place the battery back into the vise and allow the battery case to reseal. Try to keep the fabric away from the seam/hot glue. I first tried three large ty-wraps around the body but the vise was better.

For mobile use, I got the original smaller case and mounted a three-legged voltage regulator inside, with heat sinc. That, two caps and a light duty cigarette lighter cord were all wired together. Presto! A tiny, battery-free, light weight mobile power supply that protects your radio from spikes and over-voltage.

Don't worry about any excess hot glue at the seam as it rubbs right off after it cools. Use proper caution when you dispose of the old cells.

Enjoy!

Tony
WA6IGJ

5196. Yaesu FT-11R / VOX question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: killian@aztec.asu.edu
Message-ID: <4a7b0e$9bu@news.asu.edu>
Source record: 209177

I am considering buying a VC-22 VOX headset for my FT-11R HT. I've noticed that the headset gets it's power from the HT. Does anyone have any experience with this radio/headset combination? I am wondering what the headset does to the HT as far as battery life is concerned. My main use for the headset will be when I am camping/hiking and I do not have the HT connected to external power.

Thanks.

Mike - KC7JGC
killian@aztec.asu.edu

5197. handheld 2M radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: jth9q@poe.acc.virginia.EDU
Message-ID: <30C6FC47.6002@poe.acc.virginia.edu>
Source record: 209178

--
~~~~~~
John Hillstrom hillstrom@virginia.edu
Earlysville, VA, USA http://pen.k12.va.us/~jth
~~~~~~
Hi! I am trying to find a USED great quality handheld 2M radio. If
you have any price listings or something of that sort I appreciate
it if you could send me it! Thanks!!

5198. looking for dead FT530 battery pack

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: sw@cellware.de
Message-ID: <4a6jvaINN3qg@midas.cellware.de>
Source record: 209179

Hi folks,

in another thread poeple are talking about the sudden death of several 2 1/1
year old FT530 battery backs and about the difficulty/impossibility of
opening such a pack. My batteries are now about 2 years old and it seems as
if I will have to expect their expiry sooner or later.
So I'm looking for some dead battery packs to experiment with. Maybe there is
a way to open them for battery replacement.
So if anybody had replaced a dead pack and has the old one dangling around,
please send me an e-mail.

Of course I'll post the resuls of my research!

_____________________________________ ____
| Stefan Wimmer / c / e / l / l / w / a / r / e / |
| Breitband Technologie GmbH |
| Tel: ++49(30)4670 8235 Gustav-Meyer-Allee 25 |
| Fax: ++49(30)4630 7658 13355 Berlin, Germany |
| Email: sw@cellware.de |
| AX.25: dd6fm@db0gr.bln.de.eu WWW: http://www.cellware.de/ |
|____|
Do 't tou h the f op ydi ks su f ce!

5199. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Bob Fritz <bfritz@sd.inri.com>
Message-ID: <4a754k$5ro@gozer.inri.com>
Source record: 209180
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

I haven't called HRO's WATS line, but there in-store service has been good for me as a newcomer. All the folks in San Diego have been willing to talk and answer questions and steer me to things that I might like. I went there several times before I bought anything and asked about things I had read about.

I understand the point about phone service being not the best way to get good information exchange, but at this point, I'm pleased with HRO support and din't want them impugned by association.

Bob KE6WYG

5200. Undocumented FT-40x features

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: U40241@uicvm.uic.edu
Message-ID: <95341.185323U40241@uicvm.uic.edu>
Source record: 209181

I notice that when I "boot" my FT-40R pressing 'function', 'lamp', PTT, and down on the knob-switch I get some apparent default and status options. Looks like a signal strength calibration (inject signal level you want to represent "S1/9" and lock it in), set low med high max power levels, and something about squelch levels. A nice adjunct is that each adjustment is incremented 0-255, making the S-meter quite precise for field-strength monitoring, once calibrated to your requirements. What else can this mil-spec marvel do? What is the function of the "SFT #24 Yaesu service" dial-set that the manual says "keep this OFF"? Must be good! K9ZAT

5201. Re: WTB:ACC RC96 4.2 Firmware

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4a5d66$jp8$1@mhadg.production.compuserve.com>
Source record: 209182

I have the lastest software (5.2) for the RC96 and can program
the eprom IF you can find one....

(They use a special Intel 1Meg eprom and they are HARD to find)

73
Chris

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT PG-9-5322 FCC Commercial

5202. Yeasu FT-8500 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: gottria@aol.com
Message-ID: <4a7nk9$3gh@newsbf02.news.aol.com>
Source record: 209183

Can this radio be modified? And what is the ranges?
Thanks

5203. Re: MODIF for IC-2GXAT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: tcalof@minet.gov.mb.ca
Message-ID: <tcalof-0712951610580001@dial041.mbnet.mb.ca>
Source record: 209184

In article <49vc43$6t1@news.worldlinx.com>, "Danny B�lisle"
<dbelisle@rocler.qc.> wrote:

> Hello!
> My name is Danny (VE2DKA) from Qu�bec, Canada and i would like the
> modification for my Icom IC-2GXAT (Transmit and received).
> If you have it, please send my it at my E-mail.
> dbelisle@rocler.qc.ca
> Thank you very much!!!
> Danny B�lisle, VE2DKA.

```
If you didn't vote for separation, I'll send it to you.
```

5204. Re: Sale: Digicom 14.4K Modem (internal)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Albert Burnham <w4rim@ix.netcom.com>
Message-ID: <4a7e3r$ell@ixnews7.ix.netcom.com>
Source record: 209185

test

5205. Icom IC-Z1A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Brett Kappenman <brett@halcyon.com>
Message-ID: <30C745E8.2279@halcyon.com>
Source record: 209186

Does anyone know of the mods that allow this radio to broadcast on the 220 mhz frequencies?

I've already done the mod to open it up for receive, I'm wondering if there is one for broadcast in that range as well.

5206. Re: FT736 vs. TS790: pros and cons?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: aa0yt@mo.net
Message-ID: <4a7oua$quk@Twain.MO.NET>
Source record: 209187

FWIW, I've had my FT-736R for over three years -- have used it for terristrial as well as OSCAR contacts -- and I absolutely love it! I haven't actually put my hands on a TS-790, so this is more an enthusiastic user condition rather than a fair comparison!!! I have added the 6m and 125cm modules; they are also great pieces!

On 5 Dec 1995 18:30:57 GMT, sw@cellware.de (Stefan Wimmer) wrote:

>Hi out there,
>
>with christmas comimg closer I' thinking of some new VHF/UHF rig for my new
>shack (I moved). I also want to be able to work satellites.
>
>Some OM recommended the FT736 and others the TS790. Since there are quite
>some bucks to be spent for such equipment I'd like to hear some pros and cons
>about them from people who actually are using them. Maybe there are even
>more good boxes to be considered?
>
>PM or post - as you like it.
>
>vy 73,
> _____________________________________ ____
>| Stefan Wimmer / c / e / l / l / w / a / r / e / |
>| Breitband Technologie GmbH |
>| Tel: ++49(30)4670 8235 Gustav-Meyer-Allee 25 |
>| Fax: ++49(30)4630 7658 13355 Berlin, Germany |
>| Email: sw@cellware.de |
>| AX.25: dd6fm@db0gr.bln.de.eu WWW: http://www.cellware.de/ |
>|____|
>Do 't tou h the f op ydi ks su f ce!
>
>

Colin R. Wright, AA0YT
aa0yt@mo.net
http://walden.mo.net/~aa0yt

5207. Re: Icom IC-735?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: roger.boehnlein@hal.apk.net
Message-ID: <EQUIPMNT.DBB7@hal.apk.net>
Source record: 209188

I had an ICOM 735 for a couple of years. Was quite happy with it and
the only reason I got rid of it was to upgrade to an ICOM 737. The 735 is a
good small rig, had no problems with it, just wanted some of the features of
the 737. Hope it helps you make up your mind..

Roger N8TCP

5208. Re: IC-706 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4a6bo9$4v9@crow.cybercomm.net>
Source record: 209189

"C. J. Hawley Jr." <hawley@aries.scs.uiuc.edu> wrote:

>
>> While I've got your ear, has anyone noticed any problems running the
>> 735 in coldish temperatures? The specs say it's good down to 14
>> degrees F, but I had some problems keeping the radio turned on last

>Do you mean the 706 quits in the cold?
>--

>Charles Jack Hawley Jr.
>Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
>BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
>hawley@aries.scs.uiuc.edu
>Sr. Research Engineer Emeritus
>Univ of Ill, Urbana-Champaign

Methinks he's referring to an Ic-735

Steve, WA2NHZ

5209. 9600 bauds ready ?????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: l42398@alfa.ist.utl.pt
Message-ID: <4a6au5$j0f@ci.ist.utl.pt>
Source record: 209190

I'm thinking to buy a KENWOOD TM251E for 9600 bauds packet operation,
iis it reay ly ready for 9600 bauds or it just claims to be.
Can you help??

yours,

--


```
-------------------------------------------------------
| Luis Jose Leal Martins | IST Lisbon - Portugal |
| e-mail l42398@alfa.ist.utl.pt |
-------------------------------------------------------
| |
| |
-------------------------------------------------------
```

5210. Sale: Digicom 14.4K Modem (internal)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Albert Burnham <w4rim@ix.netcom.com>
Message-ID: <4a5ta3$psd@ixnews8.ix.netcom.com>
Source record: 209191

For Sale: Digicom 14.4K bps internal modem; just upgaraded to 28.8. $50

Contact Al, W4RIM (near San Francisco)

5211. ICOM 2000H Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Bob Fritz <bfritz@sd.inri.com>
Message-ID: <4a786n$8nk@gozer.inri.com>
Source record: 209192

I still have not heard of any mods for the ICOM 2000H? Is it too new, too tightly designed, too simple, or what? Most other radios seem to have lots of mods to extend receive or transmit.

Bob

5212. Re: TEN TEC SCOUT...GOTTA LOVE IT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: griffithj@ricks.edu
Message-ID: <DJ8pwo.H1J@ricks.edu>
Source record: 209193

In article <49e06g$9ac_002@news.erie.net>, chrisrobson@erie.net says...
>
>I would like to hear from anyone who has a Ten Tec Scout and your
experiences
>good or bad. Even though I had mine to the factory once, I still love
it and
>it's got a better receiver than the Yaesu FT-840 I USED to own.
>
>Any Commenets???
>
>Chris KB3A
>crobson@moose.erie.net
>
The best reason for buying a Scout is the service. There is no way you are going to fix your Kenwood what ever rig it might be, an is one of the biggest reasons I sold my 450SAT. After your first Kenwood repair bill that $300 dollars between a Scout and a TS-50 that does not look so much now, will be a big pain later.

Ten Tec will try to help you fix the Scout over the phone and send you the part. Or even the board and bill you after you return the faulty board. You can actually work on it your self. If you have not found out yet, servace and parts avaliablity are everything.

Jim, WA7NDD.
No connection to Ten Tac

5213. Re: TS-120s fix

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: jimbo@sr.hp.com
Message-ID: <4a7gck$c3a@canyon.sr.hp.com>
Source record: 209194

tom_boza@ccm.ch.intel.com wrote:
: Does anyone know of a WEB source for TS-120S mods and fixes?
: SSB power output and ALC indication is intermittent on transmit.

: Thanks, WB7ASR

: tom_boza@ccm.ch.intel.com

I have a TS-120S and installed a factory mod some years back. As I recall it consisted of about 6 diodes and possibly a couple of resistors. You should be able to get the mod directly from Kenwood.

The symptoms are that when you key the mic the ALC seems to cause the transmitter to go immediately to full output. This seems to be worst on the higher freq bands (especially 10 meters.)

Jim
WN6D

5214. Re: Need Santec Walkie Documentation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: "Edwin J. Bailen (& sometimes Irene Beattie)" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.951207205426.9319A-100000@matrix.eden.com>
Source record: 209195

On Tue, 5 Dec 1995, J. Kevin Muse wrote:

> Date: Tue, 05 DEC 1995 16:23:23 GMT
> From: J. Kevin Muse <kmuse@radware.net>
> Newgroups: rec.radio.amateur.equipment
> Subject: Need Santec Walkie Documentation
>
> I have a santec walkie I came across. It has a display step problem.
> I don't even know how to set it up. Anybody got a book or service
> manual??
>
>
What flavor of Santec?

Ed Bailen -- N5KZW / Irene Beattie -- KA5DYF
His religion? Geek Orthodox!

5215. Re: IC-706 mods clarification

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DJ7vxv.86s@iglou.com>
Source record: 209196

Yes and I still want to know how everyone knows it is D59 when there is no schematic and it's not labled on the board.

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

5216. New Tube Manufacturer?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4a8tg1$51@crash.microserve.net>
Source record: 209197

I recently heard a rumor that a company in Ohio is planning to start manufacturing receiving-type replacement vacuum tubes. Apparently, the rising prices of NOS have made the market for new tubes potentially profitable.

Can anyone confirm this rumor?

73,
Jack WB3U

5217. Help With SB-200 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4a8thh$51@crash.microserve.net>
Source record: 209198

A friend of mine has a Heath SB-200 amplifier and I'm posting this on his behalf. I suspect there's a problem in the power supply, but I haven't used this model so I didn't want to give him bad advice.

The plate voltage on his SB-200 normally reads about 2,700V. However, key down, it drops to about 2,200V. This seems like an excessive drop to me, but again, I'm not familiar with these amplifiers. He runs the amp on 220VAC, and after measuring a significant the drop on the AC line (I don't know what it was), he ran a new dedicated circuit directly from the breaker box. He now measures only a few volts drop on the incoming power when the amp is keyed, but the new line did not improve the plate voltage regulation.

My suspicion is that the power supply caps are drying out, but maybe those of you who have used this particular amp will have another suggestion.

Thanks & 73,
Jack WB3U

5218. Re: Icom IC-735?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Patrick Briggs <pbriggs@televar.com>
Message-ID: <Pine.HPP.3.91.951207201813.17401B-100000@bing.ncw.net>
Source record: 209199

On Thu, 7 Dec 1995, Randall Rhea wrote:

> The 735 is a great radio, but for digital modes, I think you should look at
> a radio that has FSK. Maybe an Icom 765 is available on the used market
> at a good price.

I understand that the 735 is no longer in production. What came out to
replace it? 738? and is it better?

I'm not sure the modem, like Hal's P38 would support FSK. I understood
most TNC's use Audio FSK through the mic connector.

--
Patrick Briggs
AA7AE
pbriggs@televar.com

5219. INFO WANTED: ICOM DELTA-1-A HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: drleffert@csupomona.edu
Message-ID: <1995Dec7.212942@clstac>
Source record: 209200

I'M LOOKING TO PURCHASE AN ICOM DELTA-1-A TRIBAND HANDHELD. I WOULD APPRECIATE
ANY COMMMENTS ABOUT THIS RADIO SO I HAVE SOME IDEA WHAT I AM GETTING.
73'S
DOUG
--
\\\//
(o o)
--------------------------------oOOO--(_)--OOOo---------------------------------
Doug Leffert
KC6WZU Vice-President, Cal Poly Amateur Radio Club, KE6VBI
Club Home Page: http://vms4.sci.csupomona.edu/~rcsyms/cparc.html
e-mail drleffert@csupomona.edu

5220. Kenwood TM-742

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: gottria@aol.com
Message-ID: <4a7nqc$3j7@newsbf02.news.aol.com>
Source record: 209201

Has anybody modified this radio? And if so what are the ranges for the
different
bands?
Thanks

5221. ICOM IC-706 Mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DJ8GEC.J9p@avalon.chinalake.navy.mil>
Source record: 209202

I know this is redundant but ....

I just ordered an IC-706 becase my FT747 in my mobile gave up the ghost.
I had planned to wait a while but now I am anticipating the brown truck
bringing mine.

The MODs FTP does not have any IC-706 mods and I have not been
collecting them, so if someone has a collection I would really
appreciate having them.

Thanks so much,

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-------------------------------------------/
```

5222. Re: IC-820 vs FT-736 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DJ8Fn9.Ito@avalon.chinalake.navy.mil>
Source record: 209203

No contest!!! The FT-736 wins hands down on cost and performance!!!!

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-----------------------------------------------/
```

5223. Re: FT736 vs. TS790: pros and cons?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-07 00:00:00 UTC
From: Bill Harwood <harwood@sirius.chinalake.navy.mil>
Message-ID: <DJ8Fv8.Iyq@avalon.chinalake.navy.mil>
Source record: 209204

The 736 is the only way to go. Expandable and good satalite operation.
Long established design. Good as an FM radio with tones and decode as
well as touch tones.

```
\-----------------------------------------------------/
\ Bill Harwood U play it, I'll dance it /
\ AB6DY or /
\ I'll play it, U dance it /
\-------------------------------------------/
```

5224. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: kr4ah@bga.com
Message-ID: <4a86h1$k0t@giga.bga.com>
Source record: 209118

The way Ford Technical Service Bulletins (TSB) seem to work
is that a TSB only covers a problem for 1 year. The TSB for the
fuel pump interference in 1993 is 93-15-6. I'm not sure of
any other year than 1995 (95-11-3).

In the computer index it can be found under "Fuel System"
"Noise" and "Radio".

I went to my dealer and asked about TSB 93-15-6, and was told
that it didn't apply to my car, a '95 model. A mechanic working
close by heard the conversation and asked if it was the RFI
problem and I said it was.

He then looked in the 1995 TSB to find the current number. I
asked him if he had done many of these and he replied that he
had done 276 in the previous year alone, and they were easy to
do.

It turns out that the 276 light trucks were for one customer,
the state, who had bought a fleet and wanted radios installed
in them. I don't hear the problem on my 2 meter-440 FM radio.
That might be because the antenna is mounted in the middle of
the roof.

I do suspect that it will show up on HF, though. It was
quite obvious on my previous car, another Ford. Since I
planned to trade in that car, I never did get it fixed.

My dealer seems quite willing to do the repair under
warranty. If not under warranty time charged will run from
2.5 Hours (88-91 Tempo) down to .7 Hours (91-95 Escort &
89-92 Probe). The filter is a really simple RFI filter
with two stubs (PN F1PZ-18B925-A).

I hope this helps.

John Meaker -=- kr4ah

Clifford Uyeda (cliffor1@ix.netcom.com) wrote:

: >> rhyolite95@aol.com (Rhyolite95) wrote:
: >>
: >> >Yes I remember someone getting the factory fix which involved removing the
: >> >pump from the tank and installing filters. If I remember correectly the
: >> >fix was marginal and required more filtering outside the tank. Try some
: >> >ferrite chokes on the fuel pump leads first and make sure the tank is
: >> >grounded well.

: >I have a 1993 Explorer with a Kenwood 742A with 2m,220, and 440
: >installed. I have two seperate antennas. One, a COmet BC-10 2m/440,
: and
: >the other a quarter wave 220. I experience the same problem when
: >transmitting. Sometimes the cruise control will accelerate, sometime
: >deaccelerate. When the vehicle was wet a couple of weeks ago, even the
: >rear wiper would cycle on/off!!! Really wierd..I assume that Ford really
: >never decoupled their computers or feed lines very well. I never
: >experienced anything like that with my Toyota 4-Runner prior. I have
: >heard and read a lot of people having the same identical problems
: though..
: >73,
: >-Tim

So far haven't had any problem with the cruise control or any other systems in either this car or my previous car (1991 model). I did, however have the antennas mounted in the middle of the roof with an NMO mount and the radios were well grounded.

: FORD ARTICLE # 95-11-3 (portions copied here)

: A "Whinning/buzzing" noise in the speakers of the entertainment radio or
: two way radio on vehicles with an in-tank electric noise from the fuel
: pump.

: Correction:
: Install an electronic noise RFI filter (F1PZ-18B925-A) on the fuel pump
: inside the fuel tank. Refer to the following Test Procedure to confirm
: that the concern exists, then refer to the Service Procedure for repair
: details.

: Note: Some light trucks require one (1) RFI filter for each in-tank
: electric fuel pump on Mulit-tank vehicles.

: Test Procedure:
: Fuel pump radio noise is relatively constant and changes only slightly
: with vehicle speed. If the frequency of the noise varies or the noise
: comes and goes with the vehicle speed, then it is not the fuel pump and
: this fix will not be effective. The following procedure will help
: determine if the fuel pump is the cause of the radio noise.

: 1. Turn on the radio before the key is turned on (assuming the radio
: will operate without the ignition key. You may need to put the ingnition
: key in the accessory position).

: 2. Turn the ignition key to the RUN position (do not start the engine).

: 3. The fuel pump should run for about 1 second witht he key in the RUN
: position with the engine not running. Listen for the noise in the radio.
: If the noise is present while the pump is running and stops when the pump
: stops then the noise is being generated by the pump and this procedure
: should help.

: 1. Remove the fuel pump sender assembly from the fuel tank. Refer to the
: appropriate Service manual, Section 24-35 for cars/light trucks and
: Section 10-01 for compact trucks, for removal procedure.

: 2. ON vehicles without fuel delivery module, remove the negative and
: positive connectors from the fuel pump.

: a. Cut the wires to the fuel pump 3" from the flange of the fuel pump and
: discard the wires.

: b. connect the RFI filter connectors to the spade terminal on the fuel
: pump.

: c. Cut and solder both the red and black wire of the RFI filter to the
: red and black wires of the flange. Use shrink tube over the solder
: connections.

: The above in the entirety, including diagrams, can be obtained from

: Patrick Quinn
: Ford Motor Company
: 835 Mason - Suite 200
: Dearborn, MI 48124

: Article TSB 95-11-3

5225. Any modifications for the Icom Ic 2350H ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: jfox@pathcom.com
Message-ID: <4a85ll$oaj@pathway1.pathcom.com>
Source record: 209119

Any one aware of any modifications for the new Icom Ic 2350H dual band mobile.

jfox@pathcom.com

5226. Icom 706 problems and questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Randall Rhea <randall>
Message-ID: <4a8de2$mt2@news.informix.com>
Source record: 209120

I just bought a 706 and have a few questions:

1) The noise blanker does not work on AM. OK, I admit it, I listen to
CB channel 19 for traffic info on the highway. Is there any way to get rid
of pulse noise some other way? Would a DSP unit help?

2) I did the yellow wire mod. I still get very poor reception from
60 MHz to 129 MHz. 129 to about 170 is fine. All other freq's are fine.
I can only hear two stations on the FM broadcast band.

3) Any other mods out there? (I know of only two: the D59 and the
Yellow Wire mods.)

--

=-=
Randall Rhea Systems Engineer
Informix Software randall@informix.com

5227. Re: Help With SB-200 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4a9i3l$ou1@newsbf02.news.aol.com>
Source record: 209121

In article <4a9cqo$2c2@nrtphba6.bnr.ca>, harp@bnr.ca (Alan Harp X 5585) writes:

>There is a string of diodes in a voltage doubler circuit in the power supply.
>Over the time I had mine I had to replace many or at least once I replaced
>them all. There are some high value resistors across these diodes to keep
>the voltage drop in reverse equal.
>
>There are much better diodes available today than there was when the SB200
>was
>designed. If you can get your hands on some good diodes I would say rebuild
>it.

Hi Alan,

That's all true, but I want to re-enforce the diodes can't cause the exact problem Jack mentioned. If the diodes were defective and causing excessive voltage drop, they would immediately overheat and vaporize. Diode's are a self-eliminating problem. ;-)

If the amp has acceptable ripple (as I recall from design specs I received while working with Heath, the target ripple was < 5%) it is working correctly. The ripple will show up long before the voltage drop becomes excessive, and if it's caused by any defective component (other than the filter caps), the defective component will get VERY hot..

73 Tom

5228. Any mods for New Icom IC 2350H ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: jfox@pathcom.com
Message-ID: <4a848v$o32@pathway1.pathcom.com>
Source record: 209122

Does any one know if there are any modifications for the new Icom Ic 2350H dual band mobile?

5229. Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: ko4ta@mindspring.com
Message-ID: <4a9h93$vgg@firehose.mindspring.com>
Source record: 209123

Is Kenwood loosing their ability to manufacture solid equipment. I had a 440 a couple of years ago and it lost it's ability to lock the PLL. I found out that was a very wide spread problem and you had to have a major repair to correct it.

3 years ago I purchased 3 TM241a's (a 2 meter set) Now all three of them are dieing almost at the same time. The audio goes out intermittently and one of them has no CTSS tone out. And the LCD dispaly goes hairy intemittently.

Now I don't claim to be a rocket scientist but with me Kenwood has failed me 80% of the time. I have owned 5 Kenwood radios and 4 of them have failed. All of the failures have been wide spread failures that in my opinion should have been recalled. Everyone on the local repeater knows of the 241's audio problems.. They'll say, "... yeah mine did that too. I replaced the microphone." or " Yeah I had to send mine back for repair." Like I said these are wide spread problems.

On the HF rig, Almost anyone on the air can tell you to beware of a 440 (a certain serial number batch) because of this phase lock loop problem with the 440.

I am looking at the TS850AT but I can't get the courage to purchase it. Frankly I'm gun shy when it comes to Kenwood now. I certainly don't want to tie alot of my money up in a product that is bug ridden..

Anyone else having similar problems..... :o)

Sincerely,
Don Simpson
ko4ta@mindspring.com

You are cordially invited to stop by the World Wide Web Page for A.S.A.P. Protection Company at....

http://www.mindspring.com/~ko4ta/alarm.html
Burglar/Fire Alarm Equipment for Sale at "Installer Direct" Pricing!

5230. Re: Help With SB-200 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4a9gvj$oiu@newsbf02.news.aol.com>
Source record: 209124

Hi Jack.

In article <4a8thh$51@crash.microserve.net>, jackl@pinetree.microserve.com (WB3U) writes:

>A friend of mine has a Heath SB-200 amplifier and I'm posting this on
>his behalf. I suspect there's a problem in the power supply, but I
>haven't used this model so I didn't want to give him bad advice.
>
>The plate voltage on his SB-200 normally reads about 2,700V. However,
>key down, it drops to about 2,200V. This seems like an excessive drop
>to me, but again, I'm not familiar with these amplifiers. He runs the
>amp on 220VAC, and after measuring a significant the drop on the AC
>line (I don't know what it was), he ran a new dedicated circuit
>directly from the breaker box. He now measures only a few volts drop
>on the incoming power when the amp is keyed, but the new line did not
>improve the plate voltage regulation.
>
Remember this, the supply in the 200 is capacitor input. To accurately measure power line drop, use a **peak** reading line meter. The 200's HV is totally dependent on peak voltage, but most ac volt meters are RMS reading.

I had this problem with the ARRL lab years ago in an amplifier review. They had a big dollar RMS voltage regulator that made the line look perfectly stiff, yet the peaks were dropping a considerable amount and so was the HV. They blamed the amplifier supply, I blamed the power source. After they took the amp to W1AW and plugged it in the problem went away!

>My suspicion is that the power supply caps are drying out, but maybe
>those of you who have used this particular amp will have another
>suggestion.
>

If the caps were bad, the amp would have considerable ripple. That regulation is not out of line for the design criteria Heath used. About the best that can be expected if the designer *really* oversized components is 5% drop, while 12% is more typical with great care in component selection. That 200 doesn't (by the largest stretch) use "oversized" power supply parts, so the drop looks reasonable. My Alpha 77 drops from 4000 volts NL to 3000 volts under full load!

73 Tom

5231. Re: IC-706 CW with 250KHZ filter operation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Randall Rhea <randall>
Message-ID: <4a8cs8$mt2@news.informix.com>
Source record: 209125

>Does ICOM advertise this [706] as a QSK rig?
>

Yes, they do. See:

http://www.icomamerica.com/icom/amateur/hf/#IC-706

--

=-=
Randall Rhea Systems Engineer
Informix Software randall@informix.com

5232. Re: difference between the mla-2500a and the 2500b

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Gary <design@thereporter.com>
Message-ID: <4a8e64$jbe@miwok.nbn.com>
Source record: 209126

I suspect the difference between the "A", and "B" models of the MLA 2500 moght be that the "A" model was built with 10 meter coverage marked, and covered on the bandswitch, where the "B" model had no "MARKED" 10 meter position, but was fully wired for 10 meters and only required the moving over of a bandswitch stop to allow the switch to click one more "unmarked" position for 10 meter operation.
Not really much justification for pricing differential between either unit, condition dictates price, with a suggested range between $350-$450 for either model.

73, and enjoy... KJ6Q, Gary.

5233. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Dusty Veideman <veideman@junction.net>
Message-ID: <4a8fgs$5uo@felix.junction.net>
Source record: 209127

rhyolite95@aol.com (Rhyolite95) wrote:
>
> Yes I remember someone getting the factory fix which involved removing the
> pump from the tank and installing filters. If I remember correectly the
> fix was marginal and required more filtering outside the tank. Try some
> ferrite chokes on the fuel pump leads first and make sure the tank is
> grounded well.
\
I just read your problem about Ford Explorer and HF RADIO interferrance.
I have a 1994 Ford Explorer and found the same problem when I put in My
HF. I had S9 noise from the fuel pump in the gas tank and partially solver
the problem by putting in a capacitor from the Positive line as close to
the tank as possible direct to the frame. I tried several different ones
until I found an Armaco filter designed for RF interferrance.
This reduced the noise to about an S 2-3. Still not being satisfied,
I wrote to Ford Motors Customers Service in Ontario. Believe it or not
they recalled the vehicle, removed the tank and installed a proper
RFI filter inside the tank next to the pump. No more noise except for
a slight white noise which is not even noticeable. By coincidence,
I found a write up in a motor magazine about the same thing but, I would
suggest contacting Ford directly and complaining about the RFI
on your Ham radio... good luck...

5234. Re: ICOM IC-2340H Radio Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: yan01@nmns1.nmns.edu.tw
Message-ID: <4a8scj$1vn@news.cis.nctu.edu.tw>
Source record: 209128

In article <30C65EC3.1B2B@wolfenet.com>, bobzito@wolfenet.com says...
>
>ICOM IC-2340H Radio Mods wanted especially extended frequency
coverage.
>The only mod I have been able to locate so far for this radio is the
RF
>attenuator mod. Thanks!
>Bob
>--
><bobzito@wolfenet.com> (Bob Zito)
open the upper cover and find W1 wire cut it
I try this
its ok

5235. Re: Kenwod TS-180S vs TS-830S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <4a8fnp$g7b@tilde.csc.ti.com>
Source record: 209129

Kory, The 180S does not cover WARC bands. Having owned one, and spending some bucks to fix it, I'd choose the 830 in a heartbeat...even thought the 830 has tube finals, it's a fine rig and worth the extra money

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.
Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine only

5236. Re: Major brands factory repair time survey

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Thomas Martin <tmartin@teclink.net>
Message-ID: <4a8bgc$3nv@felix.teclink.net>
Source record: 209130

I sent my Alinco DR-600 in for repair on Monday and got it back on Friday of the same week. Not bad for across the country.

They had to replace the microprocessor on mine because of a software bug.

5237. re: IC-706 VHF Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: 72336.3354@compuserve.com
Message-ID: <4a9tcq$e0c@dub-news-svc-3.compuserve.com>
Source record: 209131

Stephan Rashkin <stever@raven.cybercom.com> writes:
>Does D59 mod open up VHF on the IC706? If it does is the TX range 118-174 mhz?
>What is the power output over that range?

No. With the D59 mod, you can transmit from 1.6-54 MHz and from 144
to 148 MHz. No transmitting anywhere else. It appears that you can transmit
from 118 to 200 MHz, but the power output is only a milliwatt or so.

5238. Re: Icom IC-735?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Randall Rhea <randall>
Message-ID: <4a8d3c$mt2@news.informix.com>
Source record: 209132

pbriggs@ncw.net (Patrick Briggs) wrote:
>Does anyone have a review of the Icom IC-735? My uncle has one and I
>think the radio is a good performer. I'm interested in getting back into
>HF again, but don't want to spend too much of a fortune doing it. The
>main reason I was thinking of going Icom, is the service center is right
>here in Washington State, I would more likely get something wrong fixed
>here than way down in California for Kenwood.
>
>I mainly want to operate the digital modes on HF like CLOVER, AMTOR, RTTY
>etc.

The 735 is a great radio, but for digital modes, I think you should look at
a radio that has FSK. Maybe an Icom 765 is available on the used market
at a good price.

--

=-=
Randall Rhea Systems Engineer
Informix Software randall@informix.com

5239. Re: Kenwood TM-221A malfunction

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: fontam@clark.net
Message-ID: <fontam-0812951316300001@fontam.clark.net>
Source record: 209133

In article <30C71195.2746@jethro.cdnnuc.ge.com>, Wayne Ridley
<ridley@jethro.cdnnuc.ge.com> wrote:

> According to my manual for that rig, ther IS a lithium battery
> in there someplace. That's most likely the cause of your problem
> with lost memories.
>
>
> Wayne
> VE3 LFB
>
> Charles Williamson wrote:
> >
> > I have a Kenwood TM-221A 2-meter mobile that has developed a perculiar
> > problem. After the unit has been off for 15 - 30 minutes it forgets all of
> > its settings (memory frequencies, etc.), even though I am sure it has an
> > uninterupted 13v supply. It does this on the bench too. I have looked in
> > the unit for a lithium battery but I don't see one.
> >
> > Possibly a related problem: the LCD display has lost some of its contrast.
> > The unit still transmitts ok, so I don't believe the problem lies with the
> > car battery or the power connections, and like I said, it has the same
> > troubles on the bench.
> >
> > Any ideas??
> >
> > Charlie Williamson KB0CDO
IF THE 221 IS LAID OUT LIKE THE 231 AND 241, YOU WILL FIND YOUR BATTERY IN
THE FRONT OF THE RADIO. AFTER YOU TAKE THE TOP AND BOTTOM COVERS OFF,
REMOVE THE FRONT PANEL AND IT SHOULD BE ON THE PC BOARD OF THE FRONT
PANEL. YOU NEED TO BE VERY CAREFUL IF YOU MAKE THE REPLACEMENT YOURSELF
THAT YOU DONT SHORT THE NEW BATTERY WHEN INSTALLING IT.

GOOD LUCK

MARC AA3JQ

5240. HR2600-s301?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <4aa2pa$593s@lamar.ColoState.EDU>
Source record: 209134
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I'm about to do the Chipswitch mod to my HR2600, and I noticed a six
pole DIP switch marked 'S301'. Mine currently has switches 1,2,5 and 6
OFF, 3 and 4 ON.
Anybody know what these switches do, and if they have a function with the
Chipswitch uProc?

Anybody want an old UC-1251 uProc? ;-)

Galen, KF0YJ

I'm using my 2600 as an IF for transverters.

5241. Re: TS-120s fix

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: frederick.mckenzie-1@kmail.ksc.nasa.gov
Message-ID: <frederick.mckenzie-1-0812951252310001@k4dii.ksc.nasa.gov>
Source record: 209135

In article <4a2snh$pou@gorgor.pa.tetherless.com>, Mark Oppenheim
<Mark@Tetherless.com> wrote:
> As I recall, a lot of "wierdness" with the TS-120/130 series relates to
bad grounding on
> the final amplifier and IF boards.

Mark-

I recall reading the same information about grounding in the TS-120S. The word was, that one should put star-lockwashers under all the screws, to insure good connection.

However, the repairman who installed the factory mod on mine, claimed that this is only partially true. He stated that the radio wouldn't go into oscillation, even with some of the grounding screws removed, if the factory mod was in place. When he finished with the mod, I never had any more trouble.

73, Fred, K4DII

5242. Re: Help With SB-200 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: ellsworth@bravo.otis.utc.com
Message-ID: <30c87824.16481948@cronkite>
Source record: 209136

jackl@pinetree.microserve.com (WB3U) wrote:

>A friend of mine has a Heath SB-200 amplifier
>The plate voltage on his SB-200 normally reads about 2,700V. However,
>key down, it drops to about 2,200V.
>
10% regulation sounds pretty good considering Heath's reputation
for being cheep in the iron department. If you have a way to
measure the ripple i'd look at it, but i suspect the problem is
with the power transformer. I doubt it is broken, just too small.

If you are a brave soul you can try measuring the resistance of
the secondary (BECAREFUL! There are a lot of turns on that
secondary. Just removing your ohm meter lead could result in a
shock, or spark and even a fried meter! Before removing the ohm
meter put a resistor across (or short them together) the
transformer leads!) You might also measure the primary R. These
two resistances are in series with the primary and the secondary.
The expected voltage sag in the secondary is at least as large as
((n*n*Rprim) + Rsecondary) * Isecondary. (where n is the turns
ratio... in this case roughly n=12)

My guess is you'll see at least half or more of the sag
attributible to the R losses. Knowing that Heath sizes the
transformer less than '100%' duty factor sort of implys the sag
during keydown is acceptable to them.
This is a crude guess, and there are obviously other factors like
leakage inductance and core saturation that might be even more
significant but at least you'll get a feel for the resistive loss
in the xformer.

-be

5243. FT-757GX BELOW 500 kHz??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: "George J. Molnar" <gmolnar@nexus.interealm.com>
Message-ID: <30C883C4.168E@nexus.interealm.com>
Source record: 209137

Does anyone know of a mod to allow reception below 500 kHz on the
Yaesu FT-757GX?
Thanks/73
--
George J. Molnar
Highlands Ranch, Colorado
Packet: KF2T@N0QCU.#NECO.CO.USA.NOAM
http://www.interealm.com/p/gmolnar/index.html

5244. WANTED: ICOM IC-728 IC-729 MODS...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: max@tvol.IT
Message-ID: <m0tNypi-0015pjC@tvol.it>
Source record: 209138

I have a 2 years old IC-729 and as it works well, i thought to have a look inside... and i'm looking for any mod that can be applyed to it.
Can anyone help me?

All i have is a simple mod, about cutting D8 on the PLL unit, but i think it's wrong, because that diode is part of a -5 Volt supplier circiut, not of any diode-matrix or similar (so i didn't implement it).
So, what about this phantomatic D8 on PLL unit ?

And more: Is there any difference between European an non-European Ic-729 ?

Thanks in advance for anybody who knows something about IC-729...

5245. IC 738 MODS ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Martin.Rask@mailbox.swipnet.se
Message-ID: <4aa8uo$h17@mn5.swip.net>
Source record: 209139

I looking for mods to the ICOM 738. does anyone have any mods or know
where i can get mod files for this radio.
many thanks in advandce best 73 s de SM7VHS /Martin

5246. What's a good cheap wide-range antenna tuner?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: pruth@ocvaxa.cc.oberlin.edu
Message-ID: <4aa6tj$pcg@news.cc.oberlin.edu>
Source record: 209140

I want to use my trap dipole at the edges of 80m and for the
WARC bands, and even 160m if I can do it with a 105' long 5-band
trap designed for 80-10. I'm currently using the tiny MFJ
random-wire transmatch which works surprisingly well for the
5 non-WARC bands. I'm considering the MFJ 949E 300w ATU
which looks good for the price, but wonder if maybe it's not as
wide-range a tuner as I'd like--that maybe one of those roller
inductor ATUs might do what I want to do. Suggestions?
Thanks. --Bill KB8USZ pruth@alpha.cc.oberlin.edu

5247. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: KF0OS <1wz@ornl.gov>
Message-ID: <4aabue$29m@stc06.ctd.ornl.gov>
Source record: 209141

w8jitom@aol.com (W8JI Tom) wrote:
>
> In article <4a9cga$o7p@stc06.ctd.ornl.gov>, KF0OS <1wz@ornl.gov> writes:
>
> >Does anyone know if this problem/fix is applicable to the Ford
> >Aerostar, as well?
> >
> >KF0OS
>
> I have all Ford vehicles here, and the pumps are noisy in all of them. I
> added external RFI filters at the fuel tanks by using snap on chokes and
> ..1 MFD bypass caps from each lead to the chassis on the supply side of the
> choke.
>
> I also ground the exhaust system, transmission and engine block to the
> frame at several points.
>
> In my F-150/ F-250 vehicles, I ground the cab to the frame at all corners
> and the fenders to the frame at the front. The cab and front end sits on
> several rubber mounts to improve NVH (noise vibration harshness), but it
> causes ground loops in the wiring.
>
> With these changes, I can run 1 kW mobile with no ill effects (except
> headlight dimming). The receiver noise dropped from S9 to S2 or less!
>
> 73 Tom

Guess I have work to do - Thanks Tom.

5248. Re: New Tube Manufacturer?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: ka9egw@aol.com
Message-ID: <4aa8j5$q9c@newsbf02.news.aol.com>
Source record: 209142

A news clip in Electric Radio a few months ago revealed that Western Electric is resuming production on a number of high-power audio tubes including the KT88, 211, etc.

5249. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: KF0OS <1wz@ornl.gov>
Message-ID: <4a9cga$o7p@stc06.ctd.ornl.gov>
Source record: 209143

Dusty Veideman <veideman@junction.net> wrote:
>
> rhyolite95@aol.com (Rhyolite95) wrote:
> >
> > Yes I remember someone getting the factory fix which involved removing the
> > pump from the tank and installing filters. If I remember correectly the
> > fix was marginal and required more filtering outside the tank. Try some
> > ferrite chokes on the fuel pump leads first and make sure the tank is
> > grounded well.
> \
> I just read your problem about Ford Explorer and HF RADIO interferrance.
> I have a 1994 Ford Explorer and found the same problem when I put in My
> HF. I had S9 noise from the fuel pump in the gas tank and partially solver
> the problem by putting in a capacitor from the Positive line as close to
> the tank as possible direct to the frame. I tried several different ones
> until I found an Armaco filter designed for RF interferrance.
> This reduced the noise to about an S 2-3. Still not being satisfied,
> I wrote to Ford Motors Customers Service in Ontario. Believe it or not
> they recalled the vehicle, removed the tank and installed a proper
> RFI filter inside the tank next to the pump. No more noise except for
> a slight white noise which is not even noticeable. By coincidence,
> I found a write up in a motor magazine about the same thing but, I would
> suggest contacting Ford directly and complaining about the RFI
> on your Ham radio... good luck...

Does anyone know if this problem/fix is applicable to the Ford
Aerostar, as well?

KF0OS

5250. Re: Q: Regulated vs. Unregulated PS?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: harp@bnr.ca
Message-ID: <4a9d8a$2c2@nrtphba6.bnr.ca>
Source record: 209144

shatter (ctbaker@burrito.engr.ucdavis.edu) wrote:
: What's the difference between a regulated and unregulated power supply?

: Chad

An unregulated power supply will have it's highest voltage when there is
no load applied. As you increase the load the voltage will go down.

In the case where you are supplying a tranciever there is a small load
when you are receiving that changes to a large load when you transmit.

When you use an un regulated power supply you often have too high voltage
while you receive and to low when you transmit.

A regulated supply has circuits in it that are designed to keep the output
voltage constant regardless of load. Of course supplies are only designed
to supply so much current. If you exceed that the voltage will still drop
or maybe the power supply will shut it's self down if it was designed to
do so.

--

****
* Alan Harp K4PB * Bell-Northern Research * CW FOREVER *
* mail: harp@bnr.ca * Research Triangle Park, NC * *
****

5251. filter caps drying out

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: sabinw@crpl.cedar-rapids.lib.ia.us
Message-ID: <4a9dab$1brs@flood.weeg.uiowa.edu>
Source record: 209145

>My suspicion is that the power supply caps are drying out, but maybe
>those of you who have used this particular amp will have another
>suggest3,
>Jack WB3U

I have had that problem. I looked at the envelope of the RF output, key
down, on a scope, and noticed large 120 Hz ripple on the envelope.
I replaced the 33 year old 100 UF caps in my 30L-1 with 160 UF caps
(same physical size) from RF Parts Co. Much improvement.

5252. Re: Mystery Coax

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: dmcintyr@acs.ucalgary.ca
Message-ID: <4a9vg2$39kc@acs3.acs.ucalgary.ca>
Source record: 209146

In article <4a748k$d18@sundog.tiac.net>, Bob McGuire <bmcguire@tiac.net> wrote:
>I came across some coax which I cannot find info on.
>Here's whats on the jacket...
>M17/60-RG 142 MIL-C17F 12814 THERMAX RG-142E
>

RG-142 is a 50 ohm coax which is basically RG-58 with PTFE
(teflon) insulation instead of polyethylene. According to the
ARRL handbook the specs are bacically the same, exept that the
velocity factor is 70 % as opposed to 66 % for RG-58.

Go ahead and use it!

73, Deane D McIntyre VE6BPO
dmcintyr@acs.ucalgary.ca

5253. Icom,Kenwood,Yaesu Newsletters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <4a9p77$4jg@mrnews.mro.dec.com>
Source record: 209147

I used to subscribe to Newsletters from a company in Florida. The newletter contained mods.

It was called something like "International Computers ????????"

Does anyone know if they still exist?

thanks,
Ken N1KK

5254. Icom 2m/220MHz handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <4a9pck$4jg@mrnews.mro.dec.com>
Source record: 209148

What is the model number and does anyone have a user report they can
email me?

What is freq range?

thanks,
Ken

5255. Yaesu FT-101F ?????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: yee@mipg.upenn.edu
Message-ID: <YEE.95Dec8144511@picard.mipg.upenn.edu>
Source record: 209149

Query...

I have heard of the Yaesu FT101
FT101B : Improved over original
FT101E : Speech Processor
FT101EE : Cheaper version of E
FT101EZ : Cheapter version of E
FT101ZD : Not really a 101

I saw a 101F at a hamfest. What is it compared to the more common 101E?
Are there any other models that I haven't heard of?

73 de Conway Yee, N2JWQ
--
Medical Image Processing Group | 73 de Conway Yee, N2JWQ | DON'T
411 Blockley Hall | EMAIL : yee@mipg.upenn.edu | TREAD
423 Guardian Drive | TELEPHONE : 1 (215) 662-6780 | ON
Philadelphia, PA 19104-6021 (USA) | FAX : 1 (215) 898-9145 | ME!

5256. Re: Kenwood TS690S Any mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: FCFB17A@prodigy.com
Message-ID: <4aa5ue$1olq@usenetz1.news.prodigy.com>
Source record: 209150

I know that there are mods for this radio and many others on the QRZ cdrom. --- Steve N9ROU

5257. Re: TS-120s fix

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDJA9tv.9K2@netcom.com>
Source record: 209151

In article <frederick.mckenzie-1-0812951252310001@k4dii.ksc.nasa.gov>
frederick.mckenzie-1@kmail.ksc.nasa.gov (Fred McKenzie) writes:
>In article <4a2snh$pou@gorgor.pa.tetherless.com>, Mark Oppenheim
><Mark@Tetherless.com> wrote:
>> As I recall, a lot of "wierdness" with the TS-120/130 series relates to
>bad grounding on
>> the final amplifier and IF boards.

>I recall reading the same information about grounding in the TS-120S. The
>word was, that one should put star-lockwashers under all the screws, to
>insure good connection.
>
>However, the repairman who installed the factory mod on mine, claimed that
>this is only partially true. He stated that the radio wouldn't go into
>oscillation, even with some of the grounding screws removed, if the
>factory mod was in place. When he finished with the mod, I never had any
>more trouble.

Well, I'll add my 2.5 cents worth - I got a used TS120S that on arrival
oscillated just like the factory writeup said it would (20-10M unusable).
I confirmed that all of the electronic mods were completed (related to
some bypassing and rerouting of a wire), it still oscillated. At kenwood
factory their diagnosis was some loose fasteners. It's back now (with that
and a couple of other things fixed I didn't want to hassle with). Not a
major repair effort, but it seems that the star lockwasher idea is a good one.

73 Dave WB0GAZ dgf@netcom.com

5258. Re: Mystery Coax

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Collier_Chun@ccm.hf.intel.com
Message-ID: <4a9mce$65v@ornews.intel.com>
Source record: 209152

In article <4a748k$d18@sundog.tiac.net>, bmcguire@tiac.net says...
>M17/60-RG 142 MIL-C17F 12814 THERMAX RG-142E
>
Per my Belden catalog, M17/60-RG142 is 50 ohm coax, with TFE Teflon insulation. Shield is 2 silver coated copper, 2.3 ohm/M, 98% shield coverage. 69.5% velocity factor, 29 pf/foot.

MHz: loss db/100 ft
1 0.34
10 1.2
50 2.7
100 3.9
200 5.6
400 8.2
700 11.0
900 12.5
1000 13.5

This is close to the performance of RG-8X.

5259. IC 706 w/ DTMF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Bill Bennett <bb@tisc.com>
Message-ID: <4a9r8b$bpo@taxis.corp.titan.com>
Source record: 209153

I put thr icom HM-77a on the 706. The tone quality (peaking) is higher
but the dtmf works fine
73
bill
kc6yox

5260. Re: Info on Ten-Tec 6M xverter?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: "Andrew M. Moore" <moore@moore.sr.unh.edu>
Message-ID: <Pine.LNX.3.91.951208082046.12925A-100000@moore.sr.unh.edu>
Source record: 209154
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

> Does Ten-Tec still sell the 6M transverter kit they offerred a couple years
> ago? Does anyone have any experience with it? I believe it uses a 20M IF,
> right? I'm thinking it might be an interesting companion to a 20M SSB QRP
> rig.

Mark:

Yes, according to the T-Kit catalog in front of me, they still sell the
6 meter to 20 meter transverter kit (SSB-CW-FM).

Model Price What
1208 $95 kit form
1208A $159 assembled, tested

TEN-TEC
615/453-7172 for info,
615/428-4483 fax,
800/833-7373 credit card orders

Based upon the monoband direct conversion receiver kit that I got from
them ($29), I would highly recommend their kits.

-Drew

5261. Kenwood TS-830S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: lloyd korb <korb@xraymkt.picker.com>
Message-ID: <1995Dec8.195904.20886@picker.com>
Source record: 209205

My TS-830S has problems with the AF UNIT PC board (X49-1140-00). Does
anyone haave a service manual that shows a picture of the foil side
and component side of this board. It would sure help in troubleshooting.

Lloyd Korb K8DIO

KORB@XRAYMKT.PICKER.COM

5262. Dealers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: gary53223@aol.com
Message-ID: <4aaf9k$6e@newsbf02.news.aol.com>
Source record: 209206

What ham dealers do you recommend and why?
Gary53223

5263. GE Master II Repeater Conversion

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: "Alan Johnsom", K9CTF
Message-ID: <4a9vuc$1b2@Twain.MO.NET>
Source record: 209207

I pruchased a Master II already converted to repeater operation. I have tuned it to my pair and both the receiver and transmiter work great. The problem is the when I try to use the at the same time..... Yes, I have a duplexer. The GE will take the place of an old Regency system. Does anyone have any hint or advise? With the both the transmitter and reciever in the same case I get a weak singal from the transmitter into the reciver. By tuning the receiver according to the GE instructions I get rig of most of the signal.

I have a second Master II that I want to convert as well. But, since the original rig was converted when I purchased it I have not information on how to do it. I am sure I can do it with out help but I am a HAM and therefore lazy. So, any help would be appreciated.

73

Alan
K9CTF
kninectf@mo.net

5264. Re: Kenwod TS-180S vs TS-830S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: kps@epix.net
Message-ID: <4a8ear$ia9@guava.epix.net>
Source record: 209208

In article <Pine.BSD/.3.91.951206112548.23039A-100000@avatar.avatar.com>, Kory Hamzeh <kory@avatar.com> says:
>I have an opertunity to purchase a Kenwood TS-180S with 500 HZ CW filter
>but to power supply for $475 or a TS-830S (no CW filter but has power
>supply) for $575. .... Anything pro or con about either rig would be
>good. Which rig would you recommend I buy? The 830S has tube finals so it
>requires contant tweeking.

I have an 830 and have worked other solid state rigs but not the 180. FWIW, I'm very pleased
with the 830. Here are some good points: built in supply, VOX, Speech compression, notch filter, IF Shift. I don't think the 180 has some of these, I may be wrong though. I especially
like the power output - depending on band, I get 110 to 150 watts out with the tube finals. The
180 is 100 watts as I recall. In marginal conditions, that little extra power can help. Many owners
of 830s receive reports of excellent transmitted audio.

On the negative side, it does require peaking as you tune the band. This isn't that bad once
you get used to it. It is only annoying if you are working a contest where you are trying to
keep up a QSO rate. But then if you get seriously into contesting, the 180 wouldn't cut it either.
You can't run it from 12 VDC, which is probably only important for Field Day, mobile, or emergency use, so factor that in your priorities. It does not have wide band continuous coverage on the receiver, only covers the ham bands. I think the 180 might have 2 - 30 Mhz continuous. That is useful if you want to SWL or eavesdrop on commercial digital modes.

Good Luck on your decision! 73 de Kirby N3MYB

5265. AUSTIN AMATEUR RADIO SUPPLY

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: "Edwin J. Bailen (& sometimes Irene Beattie)" <n5kzw@eden.com>
Message-ID: <Pine.BSD/.3.91.951208185828.8075D-100000@matrix.eden.com>
Source record: 209209

When my wife went in to buy me a surprise IC-2340 last year, the people behind the counter were very concerned that she wasn't involving me in the purchase decision. They didn't want to have to take the radio back.

Her reply was that if I didn't want it, it would fit quite nicely in her car!

Other than the radio, the only other major money we have spent there was for a tower. We use AES for most things.

Ed Bailen -- N5KZW / Irene Beattie -- KA5DYF
His religion? Geek Orthodox!

5266. WTB: Copy of Manual of DX Engr Processor

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Frank Scutch <efs003@email.mot.com>
Message-ID: <1995Dec8.205628.4701@schbbs.mot.com>
Source record: 209210

I am looking for a copy of the manual for the DX Engineering Speech Processor for the Collins 32S* transmitter. I think the 32S* manual is different than that of the KWM2.

Of course I'll reimburse copy costs/postage etc. Any help or leads finding this would be appreciated. Thanks.

Frank, WB4AYJ

5267. IC-706 VHF Rcv Filter Details

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-0812951802560001@paul_nix.aud.alcatel.com>
Source record: 209211

08 Dec 1995 From Paul Nix (WB5AGF)
(e-mail: Paul_N_Nix@aud.alcatel.com)

ICOM-706 Technical Information
==============================
Purpose

I've been reading an awful lot the last 2 - 3 weeks about people modifying their brand new ICOM IC-706 radios. Having bought an IC-706 myself a couple of weeks ago, details regarding 'enhancements' to IC-706's have taken on a new interest.

It's clear that few, if any, hams have a schematic of the IC-706, and that's where I may have some useful information; I DO HAVE A SCHEMATIC (although a bit 'blurry' in some areas), and think that some circuit details may be of interest.

No ... I don't plan to provide a written description of the whole radio; there's a lot of the circuitry that I haven't even figured out what it does yet. What I DO have is some information relating to the 'front-end' filtering used above 60 MHz, and details regarding the synthesizer.

As I understand other circuit details, I may post more information.

Disclaimer

'The usual'; ie. use at your own risk, your mileage may vary, no user serviceable parts, etc. And no, I have no connection with ICOM, except for helping improve their 'bottom-line' with my purchase of a IC-706. I'm writing this 'after-hours', so my employer will 'disavow-all-knowlege' if you ask them.

Philosophical Ramblings

If the truth be told, I'm a dyed-in-the-wool Drake and Tentec man (I still have my R-4B receiver circa 1967, T-4X transmitter from 1970, and 1988 Paragon transceiver).

So why 'switch' you ask? Real simple (and I don't view it as 'switching', just 'adding'), the IC-706 is just too doggone 'neat' to pass-up. Where else can you hold an entire 100 Watt HF/6M rig in your lap, plus 10 Watts for 2 Meters? Laugh if you will, but I'm convinced the IC-706 is composed of 1 part 'Rocket Science' and 1 part 'Magic'.

They didn't tell me about this stuff when I was getting my EE degree back in the late 1970's (ie. the 'Stone Age').

Of course there is a 'down-side'. Whereas I can work on my Drake and Tentec gear, there's no way my pudgy fingers will ever have the dexterity (or my ageing eyes the clarity) required to do anything other than the most trivial surface-mount work. Looking at the IC-706's circuitry and I'm wondering "Is that a transistor?!". Robert A. Heinlein invented (far as I know) the expression "TANSTAAFL" ('There ain't no such thing as a free lunch'). With the stunningly small size of the IC-706 comes the shattering realization that I'm not able to maintain the radio (rats!).

Receiver Front-End Filtering, 60 - 200 MHz

The IC-706's receiver front-end filtering above 60 MHz is rather simple. Coming in from the antenna there's a low-pass filter, which's shared by the transmit signal path (I've done no calculations yet on that filter). After that we come to the following two possibilities.

When the radio is operating on the 2 Meter Band (144 - 148 in the U.S.) a bandpass filter is in-line. It consists of a two singly-tuned transformers, with a 0.79 pF coupling capacitor between them. (Can there really be that small a capacitor? Sounds more like 'stray' coupling than a discrete component, but the schematic shows it as an actual part) The schematic provides no tuning or alignment data, so I must assume that ICOM has the coupling capacitor, and transformer tuning, set for slight over-coupling, to produce a somewhat 'flat-topped' response across the 2 Meter Band.

ANYWHERE OUTSIDE THE 2 METER BAND (this only applies above 60 MHz of course), and the 'filtering' consists of a low-pass/high-pass filter combination. I'm certainly not a 'modern filter' design theorist. I can figure basic Poles & Zeros, but not much beyond that.

Several people have reported the IC-706's receiver sensitivity dropping-off rather abruptly up around 165 MHz. When I squinted really hard at the schematic (6's and 8's tend to blur together), and 'punched some numbers' into my little calculator, here are some of the figures that I got:

Coming in from the antenna, the receive signal hits a parallel LC pair (82 nH & 12 pF); I figure there's a Pole at 160.44 MHz. There are also 20 pF cap's, on either side of this section, going to ground, but I don't know how to 'handle' them. (Yea, I know it's some sort of Cauer/elliptic filter, but that's all)

Next the signal goes to a parallel LC section of 68 nH and 20 pF, that I believe produces a Pole at 136.47 MHz. There's either a 10 or an 18 pF capacitor on the output (leaving this LC section), but the schematic's too blurry to make out which.

Now the signal hits the high-pass filter section. In series there are capacitors of 24, 22 and 27 pF. Between the 24 and 22 pF caps is a series LC circuit to ground of 220 pF and 0.15 uH, although the inductor's figure is very hard to read. My calculator tells me that series resonance (a Zero) should occur at 27.71 MHz. Then, between the 22 and 27 pF capacitors, there's a series LC of 82 pF and 0.18 uH, which should produce a Zero at 41.43 MHz.

Logically, the result of this low-pass/high-pass filter would seem to be a response that falls off rather quickly somewhere a bit above 41 MHz (the upper of the Zeros in the high-pass section) as you move down in frequency, and somewhat below 136 MHz (the lower of the Poles in the low-pass section) as you go up in frequency.

Once the receive signal gets through either the 2 Meter bandpass filter, or the 'everywhere-else' low-pass/high-pass filters, it goes to a preamp, followed by a low-pass filter (I haven't tried to work-out its characteristics yet). It appears that it's right at that preamp that the 60 - 200 MHz receive signals 'meet-up' with the signal flow that's followed by the HF and 6 Meter signals. Those signals have gotten to the preamp via a completely different path, but I won't cover that now.

Some Very Simple Synthesizer Comments

The "yellow wire" modification, much talked-about, seems to have an 'advanced-option', where some brave persons have managed to pick-up a control voltage on a tiny surface-mount transistor on the synthesizer board. In the discussions on this subject, it appears that there is a misconception about what that transistor does.

The IC-706's synthesizer uses (among other things) two VCO's. The two VCO's can have either their direct output used, or there is also a frequency doubler circuit available. "VCO 0" (zero) is used on its fundamental up to 29.999999 MHz. At 30.000000 MHz "VCO 1" takes over, and is used up to 59.999999 MHz. At 60.000000 MHz, "VCO 0" takes over again, but goes through the doubler circuit. "VCO 0", with its frequency doubled, works up to 128.999999 MHz. At 130.000000 MHz, "VCO 1" takes over again, this time with its frequency doubled, and that's what's used up to the 200.000000 MHz upper-frequency limit of the IC-706.

Now, the output of these VCO's, either the fundamentals, or the first harmonic (2 X fundamental), go through a bank of filters (the IC-706 is 'oozing filters'; they're all over the place). Between 0.03 MHz and 29.999999 MHz, a low-pass filter is used. Between 30.000000 and 59.999999 MHz, another low-pass filter cuts-in. Between 60.000 and 128.999999 MHz a high-pass/low-pass filter pair is used. Between 129.0000 and 143.999999 MHz ...AND BETWEEN 148.000001 and 200.00 MHz another high-pass/low-pass filter combination is used. BETWEEN 144.000000 and 148.000000 MHz, a separate band-pass/low-pass filter set-up is used.

It is because of this mixture of synthesizer output filters that people have been able to find that transistor, to hook the famous "yellow wire" to. That transistor is one of several, that switch the appropriate synthesizer output filters in-and-out of the circuit.

- End Of Discussion -

5268. Re: Computer noise..... HELP!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: keithw@sedona.net
Message-ID: <T9HywwUN3n9X086yn@sedona.net>
Source record: 209212

In article <01HYHMLQECG200DMXW@uthscsa.edu>,
MUENZLERK@uthscsa.EDU (Muenzler, Kevin) wrote:
[
[My only suggestion is to put the antenna(s) as far from your
[computer/shack as possible. That is the only way I was able
[to cure my computer noise problem. Also, make sure that your
[rig is grounded well. Be sure that your cables (video, printer...)
[are of the shielded variety.

1) Toroids, toroids, toroids
2) Ground the computer case and make sure all cables are tightly
connected
3) Ground the rig, power supply, antenna, mast and feedlines properly
4) Make sure that the case covers (computer and radio) make proper contact
with the chassis
5) Put all those annoying "blanks" into the slot openings on the computer
6) Toroids, toroids, toroids -- and don't forget the I/O cables inside the
computer
7) Take the plastic front off the computer, and spray the inside with aluminum
paint. Do the same with the keyboard case, and the monitor.
8) . . .Toroids . . .
9) Avoid black screens on your monitor (such as DOS "ugly mode") -- experiment
with colors to find the one which is quietest
10) Disconnect and remove (or tape aluminum foil over) unused I/O ports
11) Experiment with the arrangement of add-on boards in the computer
12) Use top-quality feedlines and cables with FOIL shielding
13) Did I mention toroids?

--

==========
Keith Wood TV-18 News anchor
Host/Producer, The Computer Program, FLYING TIME!, and Infinity Focus.
Gunsite (Orange) alumnus, Team OS/2, Parrothead, N7JUZ, AZ0237 but not a
number (I'm a FREE MAN!), creator of FIRE TEAM and HERO SEEKER
==========

5269. Re: Yaesu FT-101F ?????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4abe83$3mm@crash.microserve.net>
Source record: 209213

In article <YEE.95Dec8144511@picard.mipg.upenn.edu>,
yee@mipg.upenn.edu (Conway Yee) wrote:
>Query...
>
>I have heard of the Yaesu FT101
> FT101B : Improved over original
> FT101E : Speech Processor
> FT101EE : Cheaper version of E
> FT101EZ : Cheapter version of E
> FT101ZD : Not really a 101
>
>I saw a 101F at a hamfest. What is it compared to the more common
101E?
>Are there any other models that I haven't heard of?

The "E", "EE" and "EX" are identical except for variations in the
items that were factory installed. The same owner's manual covers all
three models. I don't remember an "EZ".

According to my manual:

FT-101E - CW filter was optional. The factory cooling fan was
installed on models sold outside the U.S. and Canada.

FT-101EE - Identical to FT-101E but without speech processor

FT-101EX - Same as FT-101EE but from the factory did not include
coverage of 160m, 10m"a" (28-28.5), 10m"c" (29-29.5),
or 10m"d" (29.5-30.0). Factory cooling fan optional
regardless of destination.

In 1978, The E, EE, EX and F models were all being sold at the same
time. Oddly, the E and F versions had the same list price, $799.00.
According to the list of features in one small dealer ad, the FT-101F
was identical to the FT-101E. The features listed are:

160-10m coverage
Built-in AC/DC supplies
RF speech processor
260 watts PEP input, 180 watts CW, 80 watts AM
Solid-state VFO
VOX
Auto break-in CW sidetone
WWV/JJY reception
Heater Switch

Whatever the differences were between the E and F, they must've been minor.

73,
Jack WB3U

5270. Re: What's a good cheap wide-range antenna tuner?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4abeqo$3mm@crash.microserve.net>
Source record: 209214

pruth@ocvaxa.cc.oberlin.edu wrote:

>I'm considering the MFJ 949E 300w ATU
>which looks good for the price, but wonder if maybe it's not as
>wide-range a tuner as I'd like--that maybe one of those roller
>inductor ATUs might do what I want to do. Suggestions?
>Thanks. --Bill KB8USZ pruth@alpha.cc.oberlin.edu

Generally speaking, the matching range of most tuners is not related to their price. The quality of components has a much greater impact, not whether a capacitor is 1,000pf VS 1,200pf. The same is true of roller inductors. The fact that it's a roller doesn't tell you much about its inductance, power handling or reliability. Compared to rollers, high quality air core coils made of large gauge silvered wire aren't cheap either, and a large HV ceramic tap switch for this use can easily cost upwards of $100.00.

Considering that nearly all commercial tuners now use a single-ended T-network, I suspect they're all pretty similar in their matching range. However, the only way to know for sure is to ask the manufacturer for the values of the three primary components.

73,
Jack WB3U

5271. Re: Mystery Coax

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: VillyM@cus.cul.ca
Message-ID: <4aa1p2$rk0@missun.cus.cul.ca>
Source record: 209215

In <4a748k$d18@sundog.tiac.net>, bmcguire@tiac.net (Bob McGuire) writes:
>
>M17/60-RG 142 MIL-C17F 12814 THERMAX RG-142E
Bob

Centre is silver coated, copper covered steel. Teflon Insulation, tinned copper braid (+93% coverage) 50 ohms impedance. tinted brown FEP jacket.

attenuation is
50 mhz 2.7 db/100
100 3.9 db/100
400 8.2 db/100 (rg58 is abt 11 db/100)
(rg 8 is 4.2 db/100)

Villy G. Madsen VE6SQ

5272. Re: TEN TEC SCOUT...GOTTA LOVE IT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: amoeba@winternet.com
Message-ID: <4a8861$er4@blackice.winternet.com>
Source record: 209216

James Griffith (griffithj@ricks.edu) wrote:

: Ten Tec will try to help you fix the Scout over the phone and send you

I have to agree with you here. I own only Ten-Tec equipment (since I was first licensed in 1990). Service and Parts availability have been out standing. I can even fix my 2K Paragon myself as easily as the Scout I have in my Backpack..

73 de KA1VIX - A very loyal Ten-Tec Customer...

--

\/ John T. Croteau - Network Engineer and proud supporter of GNU & FSF \/
\/\/ Where do I want to go today? Linux '95 is where! \/\/

5273. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: matsn@tcs02.nada.kth.se
Message-ID: <4a8s8p$264@news.kth.se>
Source record: 209217

Just let me give some more perspective to those of you who are
complaining about high prices on ham equipment:

A typical price for a Kenwood TS-450S/AT in the US seems to be
about $1300. Here in Sweden, the same station is about $2900!!
(With current exchange rates.)

We do have a 25% sales tax, but that can not be the whole story...

73

Mats

SM3LGO/0

Mats Naslund
Dept of Numerical Analysis and Computing Science
Royal Institute of Technology
Stockholm, Sweden

email: matsn@nada.kth.se
http://www.nada.kth.se/~matsn/

5274. re: Enabling TS-830S WARC Bands

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Michael.Black@juxta.mba.org
Message-ID: <0a3_9512090930@mba.mba.org>
Source record: 209218

kb7et@usa.pipeline.com(Jim Sheffield) just got a Kenwood
TS830S and it won't transmit on the WARC bands, so he's
looking for the details to enable them.

The details of getting the TS-830S to transmit on the WARC
bands is easy and right there in the instruction manual.
Interestingly, I don't see the information in the service
manual. Anyway, the information below is straight out of
the instruction manual. The manual itself was still
available from Kenwood five years ago, which is when I got
my copy.

Probably, the disable was there in all of them, but
after the WARC bands came into effect, they simply kept
those diodes off the board.

It does leave me wondering where the rig was all
all these years that it wasn't used on the WARC
bands. I hope this helps.

Michael VE2BVW

----------from the Kenwood Manual-------------------
As supplied the TS-830S will receive but not transmit on the
3 new Warc Bands. If transmit capability is desired, a
minor wiring change is required.

1. For all 3 bands: Break the line between the RF unit
X44-1360-00, connector #6, pin #1 (TOF terminal) and
AF unit X49-1140-00, connector #6, pin #4 (TOF terminal).

2. Or, for individual bands: On the RF unit
X44-1360-00:

Band Remove (or Cut) Part
10MHz D4
18MHz D5
24.5MHz d6

------------------end------------
--
| Return Address: Michael.Black@juxta.mba.org
| Standard disclaimer: The views of this user are strictly their own.

5275. Re: Connecting computers over radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: mack@ncifcrf.gov
Message-ID: <DJ9v5t.Aq0@ncifcrf.gov>
Source record: 209219
Cross-posted to: rec.radio.shortwave,alt.radio.digital,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <49m6fe$g87@park.interport.net> danax@interport.net (Dan Axelrod) writes:
>Hello all.
>
>I am interested in an interesting idea that I have for my computer:
>
>I want to connect the computer to another one over the radio waves.
>I need it to be running 24 hrs a day 7 days a week. It has to broadcast
>over about a 60 mile range. And have a speed of about a 28.8 modem.

this style of operation (unattended and personal/business) is not compatible
with ham bands

>
>Preferably I would want a full-duplex connection just hooked up to
>modems on both sides. But other similar ideas I want to consider for
>myself too.
>
>I live in the US, and in fact I want to transmit from the east cost of New
>Jersey to Long Island NY.
>
>I thought that maybe SW radio would be good, since it's a. not regulated,

it's very regulated

>and b. can bend over the horizon.

true, but due to multi path propagation your maximum baud rate is pretty low
unless you are frequency agile and operating close to the MUF. 1200bd is about it.

VHF through microwave is needed for this sort of data rate, 56kb modems are
available for this for about $300 (I think)

>
>Does anyone know how possible, leagal and/or expencive is this project?

Well everyone wants one of these. They are starting to be off the shelf but
they're expensive in the kilo$ region I think. There's things like
personal computer communicators which send RF around a building at about
900MHz and if you put an antenna on them they go for about 2 miles.
I understand that companies have developed stuff at about 2-5GHz to do the same
thing. I'm hoping that ham packet will all go over to this sort of stuff
so we can have ethernet data rates on 10GHz.

Joe Mack NA3T
mack@ncifcrf.gov

>
>(e-mail is prefferable)
>Dan Akselrod
>------------
>http://menger.eecs.stevens-tech.edu/~danax
>mailto:danax@interport.net
>

5276. IC-706 Test Results

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: garland@ohstpy.mps.ohio-state.edu
Message-ID: <1995Dec8.095540.8559@ohstpy>
Source record: 209220

Here are the results of a sensitivity test of my IC-706 for 60MHz<f<200MHz, both for the unmodified radio, and after performing the "yellow wire" modification. I used a Wavetek 3002 sig generator, a Kay switched attenuator, and made sure all impedances were 50 Ohms.
Test Conditions: Mode-CW
Filter-wide
Preamp-Off

Signal levels in the table are the minimum level required to light the first bar on the s-meter. The minimum detectable signal was about 30-db lower than the indicated value. All signal strengths are in microvolts rms.

FREQ(MHz) SENS-ORIG SENS-MODIFIED
60 1.1 1.1
70 0.9 0.9
80 1.1 1.1
90 1.1 1.1
100 1.5 1.4
110 2.2 1.8
120 9.2 7.0
125 36 30
130 115 10
135 76 5.0
140 66 2.3
144 2.0 1.5
145 1.9 1.5
146 1.9 1.5
147 1.8 1.5
147.999 1.5 1.5
148.000 72 1.5
150 78 1.6
160 340 11.5
170 10,000 50
180 4,200 200
190 9,000 4,000
199 150,000 42,000

General Impression: Except for a slight decrease in sensistivity between 120-135MHz, the modified IC-706 has excellent sensitivity over the full frequency range, up to about 160MHz. Sensitivity rolls off sharply above 160MHz.

S-METER CALIBRATION:
test conditions: preamp OFF

freq:14.030MHz
mode: CW
Filter: wide

S-METER SIGNAL(uV)
S1 8.9
S2 9.5
S3 10
S4 11
S5 13
S6 15
S7 19
S8 26
S9 35
S9+20 35uV+20db
S9+30 35uV+30db
S9+40 35uV+35db
S9+50 35uV+40db

General Comments: The S-Meter is very poorly calibrated between S1-S9, with only a 17db difference required to turn an S1 signal into an S9 signal. Functionally, the S-meter is nearly worthless in this range, since its calibration is more nearly linear than logarithmic. For signals above S9, however, it is quite accurate.

Coming Soon: Results of selectivity measurements for the SSB and 500Hz filters.

Pricing Comments: I'll conclude with a small gripe. My XYL picked up the Y-adapter cord for me at the local ham store, yesterday, since the accessary connector on the back of the IC706 is a strange DIN-type connector I've never seen before. When she got home, I learned that the cost of the adapter cable was $45!!. In my opinion, Icom is gouging customers with this pricing schedule. I'd guess a reasonable retail price for the adapter cable (part no. OPC599) is aout $12. The power cord for the IC706 is $21, which is also far too high.

73,

Jim W8ZR

5277. Kenwood vs.Yaesu

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: elschaff@prairienet.org
Message-ID: <4a8jbv$cqv@vixen.cso.uiuc.edu>
Source record: 209221

I am looking for a very simple set using either a Kenwood TS-140s or a Yaesu FT-840 transceiver. I plan to use it for mainly CW but want to expand to do more. Which is best for the money and the future?

Thanks for your reply.

Eric elschaff@prairienet.org

5278. Re: handheld 2M radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Clyde Prichard <indirect.com>
Message-ID: <4a81fh$q61@globe.indirect.com>
Source record: 209222

I am sorry John but I can'nt find any used ones eather. I have a lot of friends who own Yaesu's. I recomend talking to a hamradio outlet at one of the following toll free numbers: WICKLIFFE,OH 1-800-321-3594, CLEARWATER,FL 1-800-557-4237, ORLANDO,FL 1-800-327-1917, LAS VEGAS,NV 1-800-634-6227 WHICH HAVE GOOD PRICES ON RETAILED RADIOS IN THE 2M BAND!

5279. Re: handheld 2M radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: Clyde Prichard <indirect.com>
Message-ID: <4a81g3$q61@globe.indirect.com>
Source record: 209223

I am sorry John but I can'nt find any used ones eather. I have a lot of friends who own Yaesu's. I recomend talking to a hamradio outlet at one of the following toll free numbers: WICKLIFFE,OH 1-800-321-3594, CLEARWATER,FL 1-800-557-4237, ORLANDO,FL 1-800-327-1917, LAS VEGAS,NV 1-800-634-6227 WHICH HAVE GOOD PRICES ON RETAILED RADIOS IN THE 2M BAND!

5280. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4a9i54$ouc@newsbf02.news.aol.com>
Source record: 209224

In article <4a9cga$o7p@stc06.ctd.ornl.gov>, KF0OS <1wz@ornl.gov> writes:

>Does anyone know if this problem/fix is applicable to the Ford
>Aerostar, as well?
>
>KF0OS
>
>

I have all Ford vehicles here, and the pumps are noisy in all of them. I added external RFI filters at the fuel tanks by using snap on chokes and .1 MFD bypass caps from each lead to the chassis on the supply side of the choke.

I also ground the exhaust system, transmission and engine block to the frame at several points.

In my F-150/ F-250 vehicles, I ground the cab to the frame at all corners and the fenders to the frame at the front. The cab and front end sits on several rubber mounts to improve NVH (noise vibration harshness), but it causes ground loops in the wiring.

With these changes, I can run 1 kW mobile with no ill effects (except headlight dimming). The receiver noise dropped from S9 to S2 or less!

73 Tom

5281. Re: Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: barsta1@epo.gov.on.ca
Message-ID: <4a9mv4$2d0@govonca3.gov.on.ca>
Source record: 209225

ko4ta@mindspring.com (Don Simpson) wrote:

>Is Kenwood loosing their ability to manufacture solid equipment.

(snip)

>I am looking at the TS850AT but I can't get the courage to purchase
>it. Frankly I'm gun shy when it comes to Kenwood now. I certainly
>don't want to tie alot of my money up in a product that is bug
>ridden..
>
>Anyone else having similar problems..... :o)

Don,

I had an 850SAT for about a year (one of the first models) and had no problems. I sold it to a friend of mine and since that he had to send back the power supply (PS52 or 51 I think). The problem was only a loud fan. He then later had to send the rig back for problems with the anntenna tuner. Just recently he also had to send it back for a problem with the ALC. I have spoke with other 850 owners though and they are happy. Maybe it only happened to this early model? I don't know.

Since that, I bought the 950 and never had a problem. I then bought a FT-1000 and had problems with the SWR circuit making the tuner screw up. I then bought the FT-1000D since the 1000 never came out of the shop (had to have a rig!). I'm now buying (this week) the 850SAT again. I'm doing lots of CW and contesting. The 850 has what I think is the best features for contesting with a memory keyer as a standard toy. Have to get the optional filters for CW though. The Slope Tune just doesn't seem to cut it. I have even heard of guys buying the new 870S and then bringing it back to the shop being happier with their 850! This is _not_ my opinion - only what I've 'heard'.

I'm actually still debating wether to get the 870 or the 850. For the extra $1000 (cdn) for the 870, I can get all the neccessary options for the 850. What bothers me with the 870 is that you can't install filters at all. The DSP just have to work good or you're SOL. I have read several postings re this and think that I have to try it myself side by side with the 850/w filters.

Hope this and other opinions help you in your choice of rig.

73,
VA3ARE - Are Barstad

Opinions expressed herein are my own and do not in any way
represent those of my employer.

5282. Re: Help With SB-200 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-08 00:00:00 UTC
From: harp@bnr.ca
Message-ID: <4a9cqo$2c2@nrtphba6.bnr.ca>
Source record: 209226

WB3U (jackl@pinetree.microserve.com) wrote:
: A friend of mine has a Heath SB-200 amplifier and I'm posting this on
: his behalf. I suspect there's a problem in the power supply, but I
: haven't used this model so I didn't want to give him bad advice.

: The plate voltage on his SB-200 normally reads about 2,700V. However,
: key down, it drops to about 2,200V. This seems like an excessive drop
: to me, but again, I'm not familiar with these amplifiers. He runs the
: amp on 220VAC, and after measuring a significant the drop on the AC
: line (I don't know what it was), he ran a new dedicated circuit
: directly from the breaker box. He now measures only a few volts drop
: on the incoming power when the amp is keyed, but the new line did not
: improve the plate voltage regulation.

: My suspicion is that the power supply caps are drying out, but maybe
: those of you who have used this particular amp will have another
: suggestion.

: Thanks & 73,
: Jack WB3U
There is a string of diodes in a voltage doubler circuit in the power supply.
Over the time I had mine I had to replace many or at least once I replaced
them all. There are some high value resistors across these diodes to keep
the voltage drop in reverse equal.

There are much better diodes available today than there was when the SB200 was
designed. If you can get your hands on some good diodes I would say rebuild
it.
The caps could be going bad but I never replaced mine. I sold mine several
years ago. It was a well designed amp in it's day. Plenty of shielding etc.

--

****
* Alan Harp K4PB * Bell-Northern Research * CW FOREVER *
* mail: harp@bnr.ca * Research Triangle Park, NC * *
****

5283. FS: FL-2100b HF AMP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: jmet@ix.netcom.com
Message-ID: <4acsvp$rol@cloner3.netcom.com>
Source record: 209055

Greetings,

I am looking to sell a Yeasu FL 2100B HF AMP. Covers 80-10M abt 1KW.
In good shape, Selling because Im saving for a new HF rig.
Asking $375 plus shipping.

You can reach me at 908-254-2123

Les, Wb2SZR

5284. Drake TR4CW - want to buy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: "Joseph G. Hill" <joehill@thepoint.net>
Message-ID: <30C98147.1D24@thepoint.net>
Source record: 209056

Looking for mint Drake TR4CW with supply and speaker. Thanks, Joe AB4SC

5285. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: zut@cais.cais.com
Message-ID: <Pine.BSI.3.91.951209091957.3962A-100000@cais2.cais.com>
Source record: 209057

On 6 Dec 1995, Val Breault wrote:

> I believe what we're seeing here is price stabilization through the
> addition of features.

"Features" in this case are in the eye of the beholder and are the bits of chrome and fins of the 50's and 60' automobile market. Who needs most of them? Or perhaps I should say that most people don't use them. A hundred memories? I guess they're analogous to the ten crystal sockets in the Viking II, but, resale value notwithstanding, if I had a choice of paying a couple of hundred dollars less, I would probably pass.

I proffer that to most, the "features" are like all those freeze frame and digital special effects bells and whistles on VCR's. They're good to get the buyer's attention, but have little practical value and don't get used much after the novelty wears off.

I have a little Icom IC-725 that is pretty bare bones by some standards, but it has the AM/FM board and with my JPS NIR-10, it is as good a rig as those costing twice what I paid for it (and more) five years ago. It makes my point very well however.

When I bought it, I also got the CT-17 level converter for computer control, but I have never used it. In the first place, there wasn't any software available at the time and when I got word that there was finally some available, it was another $130 on top of what I had already paid. The CT-17 has still never been plugged in. So much for those bells and whistles.

> Let me explain.
>
> Profit is the difference between what an item sold for and the total
> cost of selling it. In a highly competitive market like grocery items
> or home computers the margins can be quite small. Customers are fickle
> and will drive across the street or across town to save $10. If a
> producer wants to remain in business he'll have to remain competitive.

That's true and I doubt that retail dealers are netting any more than a 5 or 10% profit.

> If the price to produce something goes down then the profit goes
> down. (I know that doesn't make sense. Read on.)
>
> If the amateur radio manufacturers were to make a simple ham band only
> radio that was a solid state equivalent of those rigs of yesterday
> they'd probably be able to make them for very little money. I have no
> idea how much but an AM/SSB CB radio can be manufactured for under

> $100. If they work on a 20% margin that radio would sell for $120 and
> the profit would be $20.

I haven't shopped the CB market, but I don't recall seeing an AM/SSB radio for under $100, but they are made in large quantities and they are still making almost the same radio they have been for years and there is probably very little spent for development or retooling. If the amateur manufacturers were to build an amateur equivalent of the CB radio with no fins and chrome, they could probably put out a nice rig for a reasonable amount.

But guess what! Somebody does. Check the QRP market and you'll find some superb rigs at reasonable prices. However, that's a parallel subject and not what we're talking about here.

> If they were to put in $1000 worth of bells and whistles it would cost
> $1100 to make and with a 20% markup, it'd sell for $1320 for a profit
> of $220.

Unless the "bells and whistles" involve a total redesign, adding them probably represents only a small additional investment. They are most likely analogous to the add-ons the dealer takes so much pleasure in selling you when you buy a new car. Big profits from a small additional production cost.

> Back when color televisions came out you could get a nice one for
> about $350. Today a nice color television costs about $350. The price
> (and profit) has been stabilized through addition of features like
> remote control, automatic color correction, automatic find tuning,
> stereo sound etc.

The dollar's buying power between then and now should probably be considered. The first television receiver my folks bought back in 1951 was an RCA Kent, a 16 inch B&W set that was about $400 which represented a relatively large percentage of what the average person was making back then.

It was expensive because (1) the demand was high and (2) they wanted to recover the high costs of putting them into production. Even so, I doubt that they made much or any profit for the first year or so.

Putting it in perspective, there was a story of when General Motors offered the Hydra-Matic automatic transmission into production in the late 1940's to the effect that they didn't make their first nickel of profit on it until the third year or so. I don't think that most folks realize how much it costs to put a new product into production.

I also remember the first color set I bought. It was in 1966 and the least expensive set I could find was about $500. It was as bare bones as they came with a metal cabinet and a round tube. Not great. Putting that in perspective, it represented about a month's pay at the time.

I'm oversimplified all this, but I hope I'm making my point that putting a new widget into production is expensive. It involves R&D, design, tooling up, training workers, acquiring suppliers and materials, marketing, distribution, etc. The list goes on. Frequently, little or no profit is realized in the first year or so on the learning curve. However, once the basic product is developed, fine tuning and adding bells and whistles is relatively inexpensive.

In today's world of advancing technology, much of what used to be made with labor intensive circuit boards is now available on single chips. That makes the same function smaller and less expensive to make, but the retooling, etc. is still there. It's a three steps forward, one step back sort of thing, but continue on down the learning curve and you find similarly performing products at lower production costs and ultimately less expensive to the consumer, thanks to competition. (Why pass those savings on to the consumer if you don't have to?)

OK, so you're now making a first rate product, but you have to keep selling things if you're going to stay in business because before long your market is saturated. So you come out with something "New! Improved!" that's really the same thing with different fins and chrome again. Obsolescence is the life's blood of the market.

In my previous post I mentioned the Drake TR-7 from the 1970's that you can buy used for about $600. True, in comparison to what you'll find today, it's big and heavy and uses circuit boards in the place of many of the integrated circuits you might find today, but will current production rigs perform significantly better to justify your spending four or five times that much? I don't think so, but that's an individual decision of course.

Lots of people spend years in universities studying this very subject, so I doubt that we're going to adequately cover the subject here. There are just too many complex factors at work, so the best we can hope for is to hit a few of the high points. In any event, I hope that this somewhat discombobulated and oversimplified treatise has helped put this subject in a little better perspective, or at least has planted some seeds for thought.

5286. FS: HTX202 2M HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: jmet@ix.netcom.com
Message-ID: <4actda$st0@ixnews2.ix.netcom.com>
Source record: 209058

For Sale:

RS HTX202 2m HT with Speaker mike, Charger and extra battery pack.
Works great! Asking $140.

Call me at 908-254-2123

Les, Wb2SZR

5287. ADI AT-200 info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: disalvo@ix.netcom.com
Message-ID: <4ad6jm$552@cloner3.netcom.com>
Source record: 209059

My friend's wife recently purchased him an ADI AT-200 HT for Christmas. We were looking through the manual and noticed that in the specifications it stated that its transmit range is 144.000 to 145.995 MHz. That's only half of the 2 meter band.

Does anyone know anything about this particular HT and if this is its true operating range. He really wants to open it and try it for hinself but she won't let him open it untill Christmas - BUMMER!

Any info would be greatly appreciated.

Sam - KC8BQP Medina, Ohio

5288. IC 706 "Expanded 2 Meter TX" Mod, copied from Packet

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: leigh@rain.org
Message-ID: <4ab0s9$i3e@news.rain.org>
Source record: 209060

Following is a packet bulletin that appeared in W6-land on December 7th.
The author claims to be quoting from a memo from Icom with the "2 meter
extended transmit" mod information for the new Icom 706. However, the
range of the expanded VHF TX is not stated. (The MARS/CAP bands, perhaps?)

It is reprinted below: the numerous typos are from the original bulletin.

FWIW... 73 from Leigh/KM6JE.

From: NS1R@KA1TUZ.FN42JH.MA.USA.NOAM
To : INFO@USA

Hi, just got new info on the Icom 706 transmit mods from a 3 page memo from
Icom.If you simply want transmit from 1.8 to 54 MHZ then cut out diode #59
on the main pcb. You will see a row of them on the pcb main facing up near
speaker. If you want to restore the sensitivity of the receiver between 54
and 140 mhz and also from 148 to 200 mhz and also the out of band transmit
on 2 meters you have to also cut Diode #60 plus cut the Jumper wire next
to it called "W4". Then remove either Q38 or R353 from the main pcb
facing towards speaker. Then you have to cut a trace at point "a" nn the
bottom of the main pcb and install a jumper from piont "b" to Pin 11 of IC32.
You have to restore the out of two meter receive or you couldn't hear anyone
outside the two meter band to transmit back to.

"WARNING! BY RESTORING THE RECIEVE FROM 54 TO 140 MHZ AND 148 TO 200 MHZ YOU
MAY GET LOTS OF INTERMOD!!!!
i SUGGEST SIMPLY REMOVING dIODE #59 , RESETING THE PROCESSER AND ENJOYIN
1.8 TO 54 MHZ TANSMIT AND LEAVEING THE VHF PORTION ALONE!
STEVE NS1R @KA1TUZ.#EMA.MA.USA.NA

*** END OF MSG # 43380 from NS1R @ KA1TUZ.FN42JH.MA.USA.NOAM

5289. Re: IC-820 vs FT-736 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: hturn@pelican.davlin.net
Message-ID: <DJB4D1.MEz@abs.net>
Source record: 209061

e89_bond@etek.chalmers.se (Fredrik Bonde) wrote:

>We will get a new 2/70 rig for our club station (SK6AB), and at the
>moment the Icom IC-820 and the Yeasu FT-736 seems to be the most
>interesting rigs on the market. It will be used for/with:

>- Preamps and power amps on both bands

>- 1k2 and 9k6 packet

>- Satellites

>- Microwave transverters from 2 m to 23, 13, 6 and 3 cm.

>- All modes...

>If you have any suggestion, experience or warnings for us, please write
>to this group or me, thank you!

I am an owner of an Icom 820H. I have been very please with it.
I would say that the 736R is a better rig for your applications. It
will give you more bands for the buck.

I use my 820H in a non sattelite role. If you want a fast switching
(keying) rig the Icom 820 can't be beat. It will do 9600 bd packet
right out of the box (I think packet stinks though). If you get an
820H your aplifiers mught not wotk so well because of the power
output. (not adjustable from the front faceplate.... internal pot to
adjust the 2 position switch on the face). I am told by those who
have 820H's that it makes a great sattelite rig.

what ever you get the bottom line is for an all purpose radio with a
great deal of expansion capabilities.... get a 736R.

Hope to work you one day.... 73 de Henry KC5FLJ... QTH EL17GT

5290. Help! Yaesu FT-51R Modifications?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: smitche@halcyon.com
Message-ID: <4abdtp$en6@news.halcyon.com>
Source record: 209062

I have a friend who owns a Yaesu FT-51R and wanted to know if there are any modifications that are known that he could make to it.

Thanks!

==========
S t e v e M i t c h e l l ----- S y s t e m s A n a l y s t
Simpson Tacoma Kraft Company Tel. 206.596.0317
smitche@halcyon.com http://www.halcyon.com/smitche/

5291. Re: my FT530 battery pack is dead!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: otterson@mindspring.com
Message-ID: <4ac3ev$1c2e@stealth.mindspring.com>
Source record: 209063

ae414@freenet.hamilton.on.ca (Harland MacKenzie) wrote:

...
>have to loose. To put it back together try some epoxy or crazy glue.

Don't glue it! if taken apart carefully, one piece of tape on the top
of the pack (where the silver tape is originally) will hold it
together, and next time you'll only have to remove the tape. I have
been using 2 packs this way for over a year.

5292. Wound Care & Pulsed HF High Power Electromagnetic Energy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: tgriff@ix.netcom.com
Message-ID: <30c993e6.12059442@nntp.ix.netcom.com>
Source record: 209064

Apologies to those who have downloaded my posting twice. The initial posting does not seem to have made it to all of my ISP's servers "due to replacement servers and they're not being in synch with the rest of the array" or maybe my first posting went through the worm hole into the Gamma quadrant <g>. Nevertheless, your comments here or via email will be appreciated.

This week I attended a presentation by representatives of the Diapulse Corp. The topic was "A New Approach to Wound Healing with an Accelerated Wound Care Program." The treatment is accomplished, according to their literature, with equipment that operates at 27.12 MHz, pulse repetition rate of 80-600 pulses per second, 65 microsecond pulse width, power range per pulse between 293 to 974 watts, duty cycle between 1/2 of 1 percent to 3.9 percent, square pulse with rise and fall time less than 1 percent...

During the question session I asked

Q: Is the power supply solid state or tubes?
A: Tubes because there is no solid state amplifer which can accomplish what the tubes can.

Q: There has been information that some hospitals no longer allow cell phones on premises due to reported interference with telemetry transmitters and receivers and infusion pumps. Does this devise cause interference?
A: No, cell phones have an erratic transmitting pattern and this devise does not. [then some comments about cattle, cancer and high tension electric lines]

I am seeking opinions regarding the specifications and comments regarding the above answers provided to my questions.

TIA

Tom Griffin
WB4YXA ex: WH6IIJ, DA2MR, HL9/WB4YXA

5293. Old style Yaesu mic connectors now available again

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: rs@ham.island.net
Message-ID: <120995165455Rnf0.79b6@ham.island.net>
Source record: 209065
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Some time ago, someone posted looking for mic connectors to fit on the old style Yaesu FT-207R handhelds. These are a six pin audio connector, and I think were also used by Wilson, though I never had one of those.

I was browsing through a catalog I picked up recently in Vancouver, BC at RP Electronics, and lo and behold, there they were.

The part number is 359-100 for the mic cord plug, and 359-105 for the matching chassis mount jack. (The female end)

Prices were listed as $12.95 Canadian for the 359-100s, in quantities of 1-9, and $9.95 for the 359-105s in the same quantities.

RP is at 2113 West 4th Ave, Vancouver, BC, V6K 1N7, their phone number is (604) 738-6722, Fax (604) 738-3002.

I have no connection with RP whatever, but if some of you are still looking for these connectors, I suggest you give them a call.
--
rs@ham.island.net

Sometimes you're the windshield, and sometimes you're the bug.
Mark Knopfler

5294. Re: Ham equipment is so damn Expensive.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: "Al Koblinski (W7XA)" <canksc@tevm2.nsc.com>
Message-ID: <DJAMLu.5EH@nsc.nsc.com>
Source record: 209066

I think if you compare the cost of radios today with 30 years ago, they are a bargain in real dollars.
Don't know if you remeber a Viking Valiant with less than 200 Watts output costing near $500 in 1962, or the early transceivers such as the Drake TR3, which cost over $500 in 1964. I suspect something like a IC736 at less than $1k is a lot better and a lot cheaper in actual hours of work to buy it.
These radios have less than doubled in price in 30 years. I get burned more about cars. Remember the $2500 new Chevy?
Regards, Al

5295. Re: VHF TX Mod for 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: 0803127852-0001@t-online.de
Message-ID: <4acei0$nhf@news00.btx.dtag.de>
Source record: 209067

Re: VHF TX Mod for 706
what must i do for expand TX to 156 Mhz ? Hf 0-60 and Vhf 144-148, but
not more ? Why not ?
Every litle handy going from 130 to 180 Mhz ?

vy 73

5296. Re: 706: My Tx & Rx results

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: 0803127852-0001@t-online.de
Message-ID: <4acf2a$nhf@news00.btx.dtag.de>
Source record: 209068

Re: 706: My Tx & Rx results
how many power have you on 129 AM and 156 FM (10 Watts ?)
What is the yellow wire , where ? What brings ?, I know only D59 (europe version)
vy 73

5297. Re: Ham equipment does not HAVE to be so expensive...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: olken@mendel.lbl.gov
Message-ID: <4aatlt$biv@overload.lbl.gov>
Source record: 209069

Why 100 memories?

Well, in the SF Bay Area there probably are 100 2M/440
repeaters accessible from San Jose to Marin ..... If you
regularly travel to Santa Cruz or Sacramento there are certainly
100 repeaters available.
Also, some of us travel (e.g., to Washington, DC) routinely and
like to keep 2 sets of repeater frequencies in memory.
--

Frank Olken

Lawrence Berkeley Laboratory (510) 486-5891 (voice)
Mailstop 50B-3238 (510) 486-4004 (fax)
1 Cyclotron Road (510) 843-5145 (home)
Berkeley, CA 94720 (510) 442-7361 (beeper)

E-mail: olken@lbl.gov
WWW: http://www.lbl.gov/~olken/

5298. Icom 735 RS232 interface and software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: Dave Bernstein <dhb@rational.com>
Message-ID: <4abne5$knf@rational.rational.com>
Source record: 209070

A little more than a week ago, I responded to a post from someone seeking a schematic for an Icom 735 RS232 interface. I mentioned the 4-transistor QST circuit, and noted that I'd been using it with some homebrew Visual Basic software. The original poster and several others sent email with follow-up requests, but I've lost these messages - I was in Sweden last week, and transient network problems during a download corrupted my msmail.mmf file. While I'll try to recover these messages from our central post office, please re-send a fax# or snail-mail address if you'd like a copy of the QST article.

Dave
AA6YQ
dhb@rational.com

5299. Hamfest, Radiofest, Computer Expo

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: kb0lcj@mwci.net
Message-ID: <4ab355$ce5@hihat.mwci.net>
Source record: 209227
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

There will be a Hamfest, Radiofest, Computer Expo in Dubuque, Iowa on
Sept. 8, 1996!

Check out http://galaxy.mwci.net/grarc/top.htm for more info, or E-Mail
me!

73
Sean

--
---> <---
Sean Heber Ham Callsign: KB0LCJ

E-Mail: Sysop@Galaxy.Mwci.Net
OR kb0lcj@mwci.net
WWW Page: http://galaxy.mwci.net
Leave mail for Sysop on the Galaxy BBS:
(319) 557-2430 telnet: galaxy.mwci.net
---> <---

5300. Re: Kenwood IF-232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: Edward Woznicki <ewoznick@mars.superlink.net>
Message-ID: <4aal22$qav@earth.superlink.net>
Source record: 209228

Please send a note via Email re: if the interface your are talking about supports the Kenwood TS 50. I have the TTL interface kenwood made and then found out you need the level shifter to support RS232. Does your critter replace both??

Ed, AC2A

5301. Re: Yeasu FT-8500 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: manta@cybercomm.net
Message-ID: <4aalns$qai@tofu.alt.net>
Source record: 209229

On 7 Dec 1995 16:51:05 -0500, gottria@aol.com (G OTTRIA) wrote:

>Can this radio be modified? And what is the ranges?
> Thanks

Yes it can. Romeve the top cover And locate a little green wire on the back of the control panel. Cut the green wire. put top cover back on. Look in the manual for the power on reset key combo. (I'm at work and don't remember it.....sorry.) Tx will be 138-174 mhz 430-470 mhz. Rx (also do the expanded rx key combo) 112-174 mhz 430-520 mhz. tx and rx in the vhf stuff holds spec great. tx in the uhf band drops to about 13 watts at 470. rx in uhf is about .5uv @ 12db sinad at 510 mhz!

If any one knows a mod for changing the band plan in uhf to tx higher that 470 please email me at manta@cybercomm.net

John Casullo

5302. Re: my FT530 battery pack is dead!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4ab8e7$ds5@ixnews4.ix.netcom.com>
Source record: 209230

In <49t6g4$857@geraldo.cc.utexas.edu> ajlitt@mail.utexas.edu (Andrew Litt) writes:
>
>I have had an FT530 for about 2 1/2 years now, and it's given me outstanding
>service all the while. Unfortunately, my battery pack (7.2v 600mAh FNB-26)
>started to discharge within a day or two of recharging, and now won't accept a
>charge whatsoever. From what I know of NiCd cells in packs, some of the cells
>are internally shorted, and except for zapping them individually with high
>current as a temporary fix, I know I'll have to replace all of the cells soon.
>As a college student, my budget is very low, and instead of buying a new pack
>or getting this one fixed, I would like to replace some of the cells myself. My
>first big question is: how do you get the thing open? There seem to be no
>screws or clips holding it together. Also, once I do get the pack open, should
>I replace all of the cells, or can I get away with the ones that show very low
>internal resistance (I'll use a pwr. res & a voltmeter to check this)? If all
>else fails, is there a good place to buy a new pack just like this? Right now,
>I'm forced to run my talkie off of a 28Ah lead acid battery, which is good for
>transmitting at 5W, but reduces the radio's functionality as a handheld device.
>Suggestions will be MUCH appreciated!
>
>
Don't be so cheap !!!! You got 2 1/2 years on a battery. Go out and buy a new battery from a dealer or an aftermarket company. This will keep you from carrying a 28 Ah battery on your belt.

73's

Kevin

5303. ICOM 2340H Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: perryn@ix.netcom.com
Message-ID: <30c98fc1.4721847@nntp.ix.netcom.com>
Source record: 209231

Just picked up a used 2340H. With the complexity of this unit and the uses that I hope to implement, I determined that I need a computer interface. Obviously, since the mic can control the unit via DTMF signals, I should be able to "patch" in a DTMF encoder to the unit's RJ-45 connector. The unit may not be able to report back to the computer, but that isn't necessary for this application.

The question is - does anyone know the pin out of the RJ-45 mic connector and the signal levels used?

73s
Bill - KD4HVE

5304. FS: HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: jmet@ix.netcom.com
Message-ID: <4ab1ev$cao@cloner3.netcom.com>
Source record: 209232

I have for sale a RS HTX-202. A great rig with mike/speaker, charger, and extral Battery pack.

Asking $140 plus shipping.

Please call 908-254-2123 after 7PM if interested.

73's Les, WB2SZR

5305. Re: Wanted a Manual for Alinco DR-560T Handie Talkie. Can anybody make a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: mkelly@brisbane.DIALix.oz.au
Message-ID: <4abadq$530$1@brisbane.DIALix.oz.au>
Source record: 209233

bobzito <bobzito@wolfenet.com> writes:

>Wanted a Manual for Alinco DR-560T Handie Talkie. Can anybody make a
>copy for me of this? If not has anybody called Alinco and ordered
>manuals from them lately? How much do they charge? Do you have their
>telephone number? Thanks!
>Bob

>--
><bobzito@wolfenet.com> (Bob Zito

I tried to fax a request for parts and a handbook to Alinco for a
couple of HH rigs I bought in the US and after a month of silence
I presume they are all out to lunch, still. I suggest their service
is probably matched to their product pride.

Murray Kelly. vk4aok.
)

5306. ALPHA 87A ampl problems

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: morel@shani.NET
Message-ID: <9512091243.AA36690@shani.net>
Source record: 209234

Hi, felows !

I'm interested to know if owners of ETO ALPHA 87a amplifier have experienced
erratic functioning problems with this amplifier (like erraticaly switching
from band to band in the middle of transmission
or displaying with no reason fault#2).

The both frequency counter and input wattmeter pcb's were sent to repair to
ETO, but 3 weeks after
receiving the repaired pcb's , the problems were back !!

Please ley me know if you know or have any solution for this problem.

Thank you in advance for any answer,

73 de Morel, 4X1AD

e-mail: morel@shani.net

5307. Re: Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: scotth@exit109.com
Message-ID: <4abjc6$175@news1.exit109.com>
Source record: 209235

ko4ta@mindspring.com (Don Simpson) wrote:

>Is Kenwood loosing their ability to manufacture solid equipment. I
>had a 440 a couple of years ago and it lost it's ability to lock the
>PLL. I found out that was a very wide spread problem and you had to
>have a major repair to correct it.

Kenwood lost it ever since they introduced the 440's, 940's, etc. I used to repair amateur equiptment for a living and had many 440's pass my bench; too many for my liking. Most of them had problems that I attributed to bad engineering.

>I am looking at the TS850AT but I can't get the courage to purchase
>it. Frankly I'm gun shy when it comes to Kenwood now. I certainly
>don't want to tie alot of my money up in a product that is bug
>ridden..

I haven't personally worked on an 850 but I have heard good things from friends that have. They say that it doesn't seem to be riddled with the usual Kenwood bugs.

I'm running an old Kenwood TS-820S and I am very happy with it. The 850 was the only newer Kenwood that I was even interested in purchasing. The only thing that stopped me was the price.

Scott

Internet: scotth@exit109.com
amprnet: 44.65.40.64
PBBS: N2BZT@WT3V.NJ.USA.NOAM

5308. Re: Yaesu Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: lindeman@owens.ridgecrest.ca.us
Message-ID: <lindeman.97.30C9B135@owens.ridgecrest.ca.us>
Source record: 209236

In article <cbq.60.00088130@glenqcy.glenayre.com>
cbq@glenqcy.glenayre.com (Curtis Quist) writes:

>Does anyone have the address or phone number for Yaesu. If so could you
>please email them to me. My address is cbq@glenqcy.glenayre.com

>thanks ahead of time
>curtis

Yaesu Musen Co., LTD.
C.P.O. Box 1500, Tokyo, Japan

Yaesu U.S.A.
17210 Edwards Rd.,
Cerritos, CA 90703

ridgecrest,ca
KE6ZSF (zebras surfing freestyle)

5309. Sanegean ATS 818 - dead

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: GUSTAFSSONBS@decus.se
Message-ID: <4aca44$e6o@news.decus.se>
Source record: 209237

Hi !
I forgot to change battries on my ATS 818.
The screen was fading, clock was going slow etc (I know I should have changed batteries then)
One day when I realized it was dead, I changed batteries. But the radio was dead anyway. (I did change the backup battries)
What to do ?

/////Bjorn Gustafsson

5310. SGC SG-2000 "PowerTalk"

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: zut@cais.cais.com
Message-ID: <Pine.BSI.3.91.951208235439.301C-100000-100000-100000@cais2.cais.com>
Source record: 209238

The new SGC SC-2000 "PowerTalk" appears to be one of the best things to come down the pike in a long time. However, I have yet to see one of them as there are no stocking dealers anywhere on the East coast (SGC tells me that there are only three right now and they are all in California) and I don't know anyone who has one.

Does anybody have any experience with this rig?

Thanks...

5311. Re: Wound Care & Pulsed HF High Power Electromagnetic Energy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4acenr$m45@newsbf02.news.aol.com>
Source record: 209239

In article <30c993e6.12059442@nntp.ix.netcom.com>, tgriff@ix.netcom.com (Tom Griffin) writes:

>Apologies to those who have downloaded my posting twice. The initial
>posting does not seem to have made it to all of my ISP's servers "due
>to replacement servers and they're not being in synch with the rest of
>the array" or maybe my first posting went through the worm hole into
>the Gamma quadrant <g>. Nevertheless, your comments here or via email
>will be appreciated.
>
>This week I attended a presentation by representatives of the Diapulse
>Corp. The topic was "A New Approach to Wound Healing with an
>Accelerated Wound Care Program." The treatment is accomplished,
>according to their literature, with equipment that operates at 27.12
>MHz, pulse repetition rate of 80-600 pulses per second, 65 microsecond
>pulse width, power range per pulse between 293 to 974 watts, duty
>cycle between 1/2 of 1 percent to 3.9 percent, square pulse with rise
>and fall time less than 1 percent...
>
>

Hi TIA

I designed and co-patented a solid state device that does what the diapulse device claims to do. I worked with scientists and doctors at Mt. Sinai in this area.

My design has a pair of MRF-150 FET's in the output, and is entirely solid state. It produces the required FDA rise and fall times, and the accepted FS levels with less than 20 percent of the Diapulses power requirements. They are "full of beans" if they claim solid state devices can not fill this application. Solid state devices can do this job, and do it much more efficiently than a 1950's tube type device.

Their device is technically crude, and has poor field confinement. One of the largest complaints with this type of device is interference to other devices. My applicator design cured most of that problem by providing a stronger magnetic near field with lowered electric and electromagnetic far field effects.

73 Tom
Are there specific questions you have about this type of device?

73 Tom

5312. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: Massimo <max@tvol.it>
Message-ID: <4ac64m$9ph@server-b.cs.interbusiness.it>
Source record: 209240

Does any one know if there are any modifications for the ICOM
IC 729 Hf/50Mhz RTX ?

5313. FS: FL2100B AMP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: jmet@ix.netcom.com
Message-ID: <4ab10k$atn@ixnews4.ix.netcom.com>
Source record: 209241

Greetings,

I am selling a Yeasu FL2100B HF AMP. THis AMP cover 80- 10 m. With
about 1KW. It works great and comes with manual. THe reason Im selling
is to raise money for a new HF XCVER.

I am asking $375 plus shipping from NJ. I can be reached at
908-254-2123 after 7PM EST.

73's Les, WB2SZR

5314. ICOM 736 tone encode

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: elewis@dsp.com
Message-ID: <4acm13$p1i@news.wco.com>
Source record: 209242

I have a communications specialist te-64 tone encoder that I would like to add to my 736, but I don't know which connection to make in the radio. Has anyone done this. I know I have only one connection to make and it is on connector J33. J33 has 3 pins and one of them is ground so that leaves me a choice of 2 .One is labeled SBTN on the schematic and the other is labeled TONV .
73 Ed Lewis KE6KEP

5315. FS: Motorola 10 channel Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: xaggerator@aol.com
Message-ID: <4acmnj$pip@newsbf02.news.aol.com>
Source record: 209243

For Sale:

BRAND NEW IN THE BOX
Motorola Sport Radios 10 channels UHF GMRS (General Mobil Radio Service)
Special Olympic Edition Blue w/USA Olympic logo
2 watts for a talk range of 2 to 5 miles
includes ni-cad battery and charger, belt clip, instructions, etc..

These are the "walkie talkies" you've always wanted. They work great,
perfect for hunting, camping etc..

Retail price for these is $249 (US) each
The Radio Shack version of these sell for $219 each
I'm only asking $199 (US) each and that's negotiable.
(sold only in pairs)
e-mail me at: Xaggerator@aol.com

5316. Schematic for IC-W2A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: ROSLEWSKIRB96%CS26@cadetmail.usafa.af.mil
Message-ID: <ROSLEWSKIRB96%CS26.15@cadetmail.usafa.af.mil>
Source record: 209244

I'd like to get hold of a schematic for my IC-W2A. I used to have one, but
can't find it anymore. Is there anyone out there who could help?

Russ KI7FL

---
roslewskirb96%cs26@cadetmail.usafa.af.mil __|__
PP-ASEL (AOPA #01215297) KI7FL (DM79na) CAP _______(*)_______
"Pick me up so high...where eagles fly!" - Sammy Hagar o/ \o
"This content in no way reflects the opinions, standards, or policy of
the United States Air Force Academy or the United States government."

5317. FS: 2M SSB RIG

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: jmet@ix.netcom.com
Message-ID: <4ab196$c6q@cloner3.netcom.com>
Source record: 209245

I am offering for sale a Yeasu FT 480R SSB/FM 2M XCVER. Ideal for OSCAR or RS satellite work. Asking $360 plus shipping.

I can be reached at 908-254-2123 after 7 PM EST. I dont check my Email so call if interested.

73's Les, WB2SZR

5318. Icom 706 modification list

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: 72336.3354@compuserve.com
Message-ID: <4abd4l$d95@dub-news-svc-3.compuserve.com>
Source record: 209246

```
ICOM-706 MODIFICATIONS
As of Dec. 9, 1995

SUMMARY
-------

MODIFICATION 1: Enables extended transmit from 1.6 to 54 MHz inclusive.
MODIFICATION 2: Enables extended receive from .05 to about 165 MHz inclusive.

CAUTION
-------

Improperly performed modifications can severely damage your radio.
Use extreme caution. Proceed at your own risk.

Transmitting on frequencies other than those assigned to the amateur
radio service may be illegal.

TOOLS RECOMMENDED
-----------------

1) Small philips-head screwdriver
2) Magnifying glass
3) Small wattage (15 watt) soldering iron with a small tip
4) Long-nosed pliers
5) Paper clip
6) Tweezers

MODIFICATION 1
--------------

Result of modification: The IC-706 transmits only on the ham bands.
This modification allows for transmit on any frequency from 1.6 to
54 MHz. The radio will also continue to transmit on 2 meters (144
to 148 MHz in the United States) at 10 watts output. This modification
will NOT allow for transmit on the AM or FM broadcast bands. The radio
will appear to transmit on most frequencies above 54 MHz, but the power
output will be a milliwatt or less. The highest power output will be
100 watts from 1.6 to 54 MHz (SSB, FM, CW; 40 watts AM) and 10 watts
on 2 meters. (SSB, FM, CW; 4 watts AM) Note: This modification
requires that you reset the CPU. All memory information will be
erased.

1) Disconnect the power cable. Open the TOP cover of the radio.
You will need to remove only 5 screws: three on the top of the
radio and one screw on each side. Pull up the speaker carefully and
set it aside. Look at the radio from the front; the speaker area
```

should be in front.

2) Locate the rectangular, silver 9 MHz SSB filter. This is clearly marked on the top of it. Now look to the right. Note the "D 108" marking. Below this marking, there are three tiny black diodes. There are two diodes, followed by two blank sockets, followed by another diode.

3) The second diode from the left (the middle diode) is diode D-59. This diode needs to be removed. There are many ways to remove this diode. The easiest way is to crush it with long-nosed pliers. Another way is to use a low-wattage soldering iron and tweezers and carefully heat the diode, then pull with the tweezers. Be extremely careful not to apply too much heat.

4) Re-assemble the radio. Press and hold the UP and DOWN buttons on the right side of the front panel, and while holding them down, turn on the power. This resets the CPU.

MODIFICATION 2

Result of modification: The bandpass filters on the IC-706 are improperly wired. As a result, the radio does not receive any stations above 129 MHz, except in the 2-meter band. This modification allows for reception up to about 165 MHz.

(Note: If your radio receives the FM broadcast band (88-108 MHz), the aircraft band (108-136 MHz), 2 meters, and stations above 148 MHz, it is possible that the modification has already been performed by Icom; you may have a later model.)

1) Open the TOP cover of the radio. You will need to remove only 5 screws: three on the back of the radio and one screw on each side. Pull up the speaker carefully and set it aside. Look at the radio from the front; the speaker area should be in front.

2) Locate the rectangular, silver 9 MHz SSB filter. This is clearly marked on the top of it. Now move your eyes toward the back of the radio until you notice a long white connector with several colored wires on it.

3) The 4th wire from the left, a yellow wire, needs to be removed from the connector. You can cut this wire carefully if you wish. Or, another alternaive is to remove it from the connector. Stick a paper clip or perhaps a pin into the side of the connector under the yellow wire. Pull the wire with tweezers and remove it. There are two yellow wires; be sure to remove the 4th wire from the left, not the other one.

4) Open the BOTTOM of the radio, removing similar screws as you did when you removed the TOP.

5) Look at the PC board just behind the MENU button. You will notice a jack marked "J8" with a grey cable coming out of it.

6) To the left of jack J8, you will see five tiny transistors.
Look at the middle transistor. Follow the light green circuit board
trace from the middle transistor to a tiny hole just to the left of J9.

7) The yellow wire from the top of the radio needs to be connected
to this transistor. The easiest way is to solder a small insulated
wire to the yellow wire you just removed, run this new wire underneath
the radio to the hole you found in #6 above, put the wire into the hole, and
solder the wire into the hole with a low-wattage soldering iron.
Use caution not to damage the grey cable or to apply too much heat.
This could damage the PCB and seriously affect the radio.

If you perform only steps 1 through 3, you will be able to hear stations
above 148 MHz, but you will not be able to hear FM broadcast stations
on the 88-108 MHz band.

RECEPTION SUGGESTIONS
---

1) You need to use wide FM to receive FM broadcast signals on the
88-108 MHz band, or TV sound signals between 59 and 87 MHz. To
receive wide FM, press the MODE button until "FM" or "FM-T" appears
on the display, then press and hold the MODE button for two seconds.
"WFM" should now appear on the display, and you should be able to
hear the FM broadcast stations. Reception quality is quite good
if you use a decent external speaker.

2) Aircraft (118-136 MHz) uses AM. You will need to set the radio
to AM to receive aircraft.

3) The sensitivity of the radio diminishes rapidly after about 165 MHz.
NOAA weather stations (162.40 to 162.55) are clearly audible, however.

4) If you find the FM broadcast signals overload the aircraft portion
of the bands, disable the preampifier by pressing PREAMP (the green
light should go out.)

5319. Info on Radius PR3000 pager

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: rubenc@iglou2.iglou.com
Message-ID: <DJC0r7.CF6@iglou.com>
Source record: 209247

I have 3 PR3000 UHF pagers that I have had xtaled on my freq, but without the programmer, Im trying to figure out the 2 tones in each. Any way to do that without the programmer? They were originally used with a small Radius desktop paging xmitter, and they have the following marked on the back (was probably the code to punch in on the Xmitter)

Pager 1: 12/88
Pager 2: 14/88
Pager 3: not marked.

Any help would be appreciated so I dont end up having to tx EVERY one of 100 combos to find the tones.

Charlie

--
Charlie Rubenstein
KB8BWE@N8LHG.#CIN.OH.USA.NA
rubenc@iglou.com

5320. FOR SALE: Yaesu ft 747 w/ or w/o power supply + tuner

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: aksoz@aol.com
Message-ID: <4ad667$3ld@newsbf02.news.aol.com>
Source record: 209248

I am selling a Yaesu FT 747 gx with a 10 meter FM chip (used about four times with absolutely everything), plus an Astron 20a power supply and an MFJ tuner. For sale individually and together. They make the perfect start up kit for any ham wanting to work HF. E-Me at Aksoz@aol.com. Best offer.

KB2RXJ Walter

5321. HF rigs without proprietary components.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: yee@mipg.upenn.edu
Message-ID: <YEE.95Dec9103550@picard.mipg.upenn.edu>
Source record: 209249

To me, ham radio is about building, maintaining, using and fixing your own gear. While I also do some homebrewing, I find taking my Yaesu 101B a great deal of fun. Today's rigs are just no fun to take apart. Too many proprietary electrical components and everything is just too small! I can work with discrete components but not surface technology.

Now for my question. What is the most modern rig out there in each of two classes? Alternatively, this question can be answered in the terms of the best performance (RF-wise) in each of the two classes. Ideally, the answers would be easy to play with on the insides.

1) solid state with tube finals? Tube finals are a bit more forgiving that solid state finals. To me, this is a very useful quality as long as I can still purchase finals.
2) all solid state but without ANY proprietary components. I don't want to need to go to a single source to get parts. Generic parts are good in that replacements are easy to get.

--
Medical Image Processing Group | 73 de Conway Yee, N2JWQ | DON'T
411 Blockley Hall | EMAIL : yee@mipg.upenn.edu | TREAD
423 Guardian Drive | TELEPHONE : 1 (215) 662-6780 | ON
Philadelphia, PA 19104-6021 (USA) | FAX : 1 (215) 898-9145 | ME!

5322. ACC Controller Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: bhinkle@nc5.infi.net
Message-ID: <4acsht$p9p@news.infi.net>
Source record: 209250

One of our club's controllers is acting up. It will not accept any dtmf commands either over the air or the phone line. Ont the air, it just passes the tones. We've tried a manual reset and a cold reboot. Anyone know how to resolve this?

TNX

Barry-KT4DQ

5323. FS: 2M SSB/FM RIG

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: jmet@ix.netcom.com
Message-ID: <4act8l$guh@ixnews5.ix.netcom.com>
Source record: 209251

Greetings,

I am selling a Yeasu FT-480R 2M SSB/FM/CW RIG ideal for Oscar and RS satellites abt 10 W out put, dual VFO, four memories.

ASking $350.

Call 908-254-2123

Les, Wb2szr

5324. Re: Icom 2m/220MHz handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: jbrinza@orion.ods.net
Message-ID: <4acvf2$hsa@hummin.sol.net>
Source record: 209252

Did not see any other posts on this topic.Icom 2m\220 ht is the IC-v21
I have a mint one for sale if you need one...73..JIM

5325. Re: WTB: UHF 100% Duty ~75W Repeater Amp

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: "Al Koblinski (W7XA)" <canksc@tevm2.nsc.com>
Message-ID: <DJAMu2.5Lx@nsc.nsc.com>
Source record: 209253
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Check recent CQ magazine for TEL electronics (or TE something, sorry I forgot the exact name but not hard to spot) in Southern Calif. They have an ad and are pretty reasonable.
73, Al

5326. Looking for documentation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-09 00:00:00 UTC
From: roll@Bucklan.Stupi.SE
Message-ID: <4acfm7$2s5@Bucklan.Stupi.SE>
Source record: 209254
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I have got a broken linear amplifier. In it's previous life it where located in the attic, close to the antenna and served it's masters well until the roof broke and rain water dripped into the operating amplifier.

Mixing rain water, 2.5KV, HF and TTL-circuitry turned out to be fatal...

It's manufactured by "Advanced Radio Devices" that used to be in Sterling VA, USA, apparently they are out of business since several years now. The model number is 230C

I have a manual, but for some reason they decided to not include all circuitry that has to do with communications between the actual amplifier and the remote control box (wich has a Z-80 microprocessor).

I'm trying to find the missing documentation of the hardware, and some insight to how the program actually works, so I can diagnose the IO-circuitry. If the SW has any diagnostic/production testing routines that could be handy etc.

If I manage to get this working I assume that all of it including the tuning presets has to recalibrated, but how?

Any information or leed to anyone who might know, would be most appreciated. (as a private email or call)

Peter Lothberg, SM4KEL
roll@stupi.se
+46 8 669 9720

5327. FS: TenTec Scout 555 - tentec [01/01]

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: ecgallup@sonnet.com
Message-ID: <4afpg3$sub@sonnet1.sonnet.com>
Source record: 209005

BEGIN -- Cut Here -- cut here

FOR SALE: TenTec Model 555 "Scout" HF transceiver; includes modules
for 80M, 40M, and 10M; with noise blanker option, Mic,
mobile mtg bracket and manual; in factory box.

This unit has barely been used. It is in mint condition
with absolutely no scratches. Sat in a box most of its
life. I am selling it because, I don't really need 3 HF
rigs, and I'd rather upgrade my old computer.

$500.00 ($690 new). I will ship.

I will deliver within approx. 50mi radius

PLEASE NOTE: If you must deal through the mail system,
I will require your cashiers check in
advance, before shipping the radio.
(I can provide you with personal references)
Or, perhaps, I can ship UPS C.O.D.

If interested, contact Ed WB6SAT@KD6JZZ.#NOCAL.CA (Sonora)
or Internet: ecgallup@sonnet.com
END -- Cut Here -- cut here

5328. INFO WNTD for KYODO kg109 PMR

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: Poltergeist <rst@roogna.demon.co.uk>
Message-ID: <818622332snz@roogna.demon.co.uk>
Source record: 209006

Hi there.

I've just bought a Kyodo KG109 PMR programmed for 70cms and I wonder
if anyone out there has any useable info on this excellent radio?
I think the UK sales people are Key Comms somewhere down south,
can anyone confirm this? If so then their address would be helpfull.
The other main details I'm after is a Circuit Diagram, a pinout for
the speaker/mike connector and programming details for the EPROM.

Many thanks for reading this msg and in advance for any replies.

73's & 88's Roy (G7KGT) [rst@roogna.demon.co.uk]

Also listening on GB3MA (433.025) in the manchester UK area.

5329. A.A.A. SEARCHING IF10-C FOR KENWOOD A.A.A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: compix <compix@flashnet.it>
Message-ID: <4af4ub$4ev@news.flashnet.it>
Source record: 209007
Cross-posted to: rec.radio.amateur.equipment,rec.radio.digital.misc

Hallo all.
I'm searching for a used IF10-C for KENWOOD !
It is the serial interface in order to communicate with the transceiver by
the computer serial port.

Please reply to
compix@flashnet.it

TNX for reading.

5330. FT2500M Yaesu Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: by668@FreeNet.Carleton.CA
Message-ID: <DJCoHn.2Gp@freenet.carleton.ca>
Source record: 209008

Looking for any mods for the Yaesu FT2500m, any kind is welcome,
possibly i'd like the one for out of band transmit,

thanks....

Marc
Ve2hps.

5331. HF&2m trancievers, rotor, MFJ DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: michael_mcamis@valley.net
Message-ID: <4afpv7$a2i@dartvax.dartmouth.edu>
Source record: 209009

Hi, I'm listing some gear for Dave/K1DL

- New Ham 4 rotor, $260.

- KLM 2000A 144-148 Mhz allmode transceiver. 10w out
on SSB/FM/NBFM/SSB/CW. Near mint, $200.

- MFJ 768 Super DSP filter. Mint, $100.

- Cubic Astro 103 HF transceiver. 160-10m, solid state,
100W, digital readout, QSK, speech processor, CW filter.
Uses 13.8v supply, not included. Very good condition, $450.

- Other miscellany - it's shack cleaning time.

Call Dave evenings or weekends at (603) 448-3654, he's not on
packet/e-mail.

5332. * Windows Logging/Packet Freeware

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: michael_mcamis@valley.net
Message-ID: <4afq1l$a2i@dartvax.dartmouth.edu>
Source record: 209010

Disappointed with your commercial/shareware logging or
packet software for Windows? Try XMLog, freeware that's
available on the Internet. XMLog provides a flexible set
of coordinated logging and packet features.

If you're using a Web browser, start at BARC's home page
(http://www.acs.oakland.edu/barc.html), pick "barc archives",
then "PC stuff" (even though it says MS-DOS only). Select
the "logging" directory and fetch xmlog123.zip

For ftp users, sign on to oak.oakland.edu with the userid
of anonymous and a password of guest. Move to the
pub3/hamradio/pc/logging directory and get xmlog123.zip

The oak archives can be very busy at times, don't give up
if you can't sign on right away. Let me know if you:
- want more info
- can't fetch the file
- want a diskette instead

Have fun...

Mike/WA3ECT
michael_mcamis@valley.net (internet)
WA3ECT @ W1ET.NH (packet)

5333. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <4afinf$laa@bighorn.accessnv.com>
Source record: 209011

This user group continues to have a somewhat narrow minded approach to current and more recent equipment. Here are some points to po=
nder. Most of the equipment manufactured in the last ten years was and is very well engineered. The problem really being the manufac=
turing processes and technology available at the time. To maintain a competively priced piece of equipment that is multi-featured an=
d high performance takes considerable talent and judgement.
With the advent and implemenation of computer controlled drilling machines that could mass produce PCB's in Glass or Epoxy f=
ollowed by surface mount technology using the same materials has greatly increased the reliability of todays amateur radio equipmen=
t, while controlling cost. I don't know of a single manufacturer that isn't glad to see the demise of phenolic double-sided PCB cont=
ruction. All have had their fair share of problems. Only a few of todays products have phenolic boards. They will continue to cause =
problems because of their thermal characteristics of expansion and chemical property changes with time and temperature. However, th=
ey will all be gone....soon.
I might also point out that our own environmental laws have made it so difficult and costly that made in USA products virtua=
lly are non existant. Only their names remain, while off shore manufacturing in many cases trash their environments. A true parody e=
xists.It is driven by only one factor...cost.
Having worked in the Amateur Radio industry for 20 years selling and servicing equipment only one thing is certain. We call =
it change. The playing field of manufacturing processes is now nearly equal. The only difference that one of the big three uses a li=
ttle more in house, not so techie stuff. This probably to hide more of their designs from outside eyes in a very competetive market.=

In the new equipment commentary and critique, it seems that the only interest is dc-light coverage. With this comes median p=
erformance. The current "in vogue" radio has not been criticized for it's sloppy CPU mask and features stated that just plain don't =
work. The radio which was suposed to be in "beta" test for 6 months "passed with flying colors", by those who used it and either ign=
ored the problems or were ignored at the other end in production. We end up with flawed sophisticated radios in a not so sophisticat=
ed and appreciating market.
It is unfortunate that dealers under very competitive pressure have to take the brunt of it all. Yes consumers there are maj=
or costs involved. Large high volume dealers with 1-800 numbers spend a very significant amount of money, fending off questions rela=
ting to either illegal radio modifications or those that quite possibly should have been

there in the first place. The bottom line i=
s many thousands of todays hams are pounding away in equipment insides which they have no skills or talents causing service nightmar=
es. The result is that many of them are being returned nation wide with damage done by end user, yet claiming defect out the box!
Clearly I have seen several products hammered in this forum that were technically sound and or superior in nature. These wer=
e passed off with comments such as, "I took mine back and got a so and so." Or, in one case someone said "make them eat it!" In case=
s of clear recent memory without going into the "whom and what", because of obvious liabilities from society. All of the informatio=
n needed was immediately at hand if the pages of the manual were viewed.
Todays wizard and computer guru Mr. Bill Gates is mostly credited with the implementation of "Plug and Play." This concept h=
as been around in radio for well over thiry years. Let's say that "Johnson Messanger One" was the first full implementation. It was =
a real work horse and had 5 channels and five Watts!

5334. A Look at The Market Place

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <4afith$laa@bighorn.accessnv.com>
Source record: 209012

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It is unfortunate that dealers under very competitive pressure have to take the brunt of it all. Yes consumers there are maj=
or costs involved. Large high volume dealers with 1-800 numbers spend a very significant amount of money, fending off questions rela=
ting to either illegal radio modifications or those that quite possibly should have been

there in the first place. The bottom line i=
s many thousands of todays hams are pounding away in equipment insides which they have no skills or talents causing service nightmar=
es. The result is that many of them are being returned nation wide with damage done by end user, yet claiming defect out the box!
Clearly I have seen several products hammered in this forum that were technically sound and or superior in nature. These wer=
e passed off with comments such as, "I took mine back and got a so and so." Or, in one case someone said "make them eat it!" In case=
s of clear recent memory without going into the "whom and what", because of obvious liabilities from society. All of the informatio=
n needed was immediately at hand if the pages of the manual were viewed.
Todays wizard and computer guru Mr. Bill Gates is mostly credited with the implementation of "Plug and Play." This concept h=
as been around in radio for well over thiry years. Let's say that "Johnson Messanger One" was the first full implementation. It was =
a real work horse and had 5 channels and five Watts!

5335. Re: Any modifications for the Icom Ic 2350H ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: Larry Smith <Larry@g4oxy.demon.co.uk>
Message-ID: <826154869wnr@g4oxy.demon.co.uk>
Source record: 209013

In article: <4a85ll$oaj@pathway1.pathcom.com> jfox@pathcom.com (J.FOX)
writes:
>
>
>
> Any one aware of any modifications for the new Icom Ic 2350H dual band
> mobile.
>
> jfox@pathcom.com
>
>
YES There were a whole bunch of them posted in this group about a week
ago--
Larry Smith

5336. EICO Grid Dip Meter 710

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: "alex@hic.net" <alex@hic.net>
Message-ID: <4adkoe$h2j@news.hic.net>
Source record: 209014

I have an excellent like new meter for sale at $25.00 plus
shipping to your door. Has 6 Plugs for your tuning
pleasure. E-Mail any questions alex@hic.net

5337. PB-26

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: SAM.BRADSHAW@f17.n275.z1.fidonet.org
Message-ID: <cee_9512130638@woodybbs.com>
Source record: 209015

Hello, i'm looking for a PB-26(or 26S) battery pack for my Kenwood TR-2600A.
if you have one, please reply here or to SAM@LITE.COM

--- SLMAIL v4.5a (#3419)
Origin: Ar-Net: The Gold Line BBS +Geneva Oh+ (216)466-6424 (73:4300/0)
--
|Fidonet: SAM BRADSHAW 1:275/17
|Internet: SAM.BRADSHAW@f17.n275.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

5338. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: Richard Dowling <rpd@alaska.net>
Message-ID: <4adjeu$dfs@calvino.alaska.net>
Source record: 209071

y100y100@aol.com (Y100y100) wrote:
>The Nyquist frequency is only necessary to sample and replicate the
>original signal with accuracy. What many people are not aware of, is that
>it is not necessary to sample at Nyquist rates for communications audio.
>When we refer to a 2X sample, we are generally speaking of high-fidelity
>applications.
>
>Undersampling has been used by the U.S. military with great success for
>many years.
>
>-Paul, N9AZ
Paul is correct, the Nyquist sampling rate with undersampling is twice
the _information_ bandwith. Richard

5339. FT-530

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: 102331.3704@compuserve.com
Message-ID: <4add3i$n2b@dub-news-svc-5.compuserve.com>
Source record: 209072

N1KLF (LARRY) this is KE4JTG (DALE)

Larry,
I'm interested in your 530. I presently have one, and I'm looking for one for my wife.

What I would like to know is, what the serial # of the unit is. It can be found under

belt clip on the back. It's a little hard to see unless you hold it just right in the light.

You can contact me back at my Compuserve address: 102331,3704

I look forward to your response,

Thanks, Dale Jones

5340. Re: Pls Help W/ TenTec 570 Info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DJCLBI.68z@mv.mv.com>
Source record: 209073

The Ten-Tec Century 21 Model 574 was my first rig! I bought it new from a radio dealer in Medford, MA in 1980. It was perfect for a novice station. At the time I could only work CW on the HF bands and did quite a bit of that. This rig served me well over the years.

I'd say that its a fair price and a very inexpensive way to enter the hobby considering the cost of new equipment. For novices, this may be the best way to get onto HF and improve your code speed.

An external DSP may solve your QRM problems. The filtering was not all that spectacular. I recently purchased a Radio Shack DSP unit for $50.00 that I'm currently using with my Ten-Tec Scout. It does a pretty good job of eliminating QRM and I cannot complain about the price.

73's

Bryan

5341. Icom 706 TX Mod for 135 to 175 mHz, cont.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: leigh@rain.org
Message-ID: <4adrca$nl1@news.rain.org>
Source record: 209074

Here is another Icom 706 TX mod bulletin, posted on Packet
by NS1R. This one claims to have more info on the expanded
VHF TX mod, with a claimed transmit range from 135 to 175 mHz.

It is reprinted below, numerous typos included.

(Could this be another hoax, as was the Radio Shack HT "April
Fool's Day" TX mod? If anyone screws up their rig with this mod,
I ain't responsible..)

FWIW... --Leigh/KM6JE.

From: NS1R@KA1TUZ.FN42JH.MA.USA.NOAM
To : INFO@USA

Hi, I have been posting tx mod info on the ICOM 706 and have heard back
from two people who work at ICOM USA. They are unaware of TECHNICAL
BULLITAIN #711-1_ They UNOFFICIALLY said that removing DIODE #59
restores transmit 1.8 to 54 MHZ and also you can open up the VHF
SENSITIVITY on 2 meters from 140 to 174 by simply cutting "J4" on the
"PA DECK". That is all they will confirm (UNOFFICIALLY". They said
they have no knowledge of this technical bullitain 711-1_ .

It appears to be an official Tech BUlitain to me. I have a photocopy.

The additional items to in the Tech bullitain to restore out of two
meter transmit are as follows (not endorsed or denied by icom USA):
remove Diode #60 and cut the jumper next to it labled "W4". Then
remove either (Q38 or R353 resitor) on the main PCB (about one inch to
right of Diode #60. Then turn over the radio and cut a trace (You need
picture of schematic to see clearly and install a jumper froM IC32 pin
11 to the point where you cut the trace. This will restore transmit
from 135 to 175 MHZ.

I have not done the final modes as I said earlier by opening up the VHF
side of the rig for receive You open it up for INTERMODE also!!! That
is all for today NS1R STEVE

*** END OF MSG # 43795 from NS1R @ KA1TUZ.FN42JH.MA.USA.NOAM

5342. Re: Info on Radius PR3000 pager

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: Brian Kitaoka <bk104@hgea.org>
Message-ID: <4ae6mp$1is@hgea01.hgea.org>
Source record: 209075

Charlie,

Sounds like the PR3000's (also known at the Motorola Keynote) was a part of the paging system Motorola had called the RPB50. the keyboard was sold with PR3000 pagers.

The 12/88, 14/88 is most likely the two digit pager code 12, & 14. The RPB 50 system was designed to accept two-digit entries. You could also have group call (why the 88 was the common group call).

If you need more info, email me & I can look into this unit for you from the Service Manual/ programming information.
\

73's

5343. Re: TEN TEC SCOUT...GOTTA LOVE IT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: kingbp@ka1fqt.mv.com
Message-ID: <DJCMwo.6wM@mv.mv.com>
Source record: 209076

I've owned a Scout since December of 1993 and have been very satisfied with it! I sent it back to the factory for warranty service once and the rig was back within a week, fixed right and working fine ever since. I've been a Ten-Tec customer since first becoming licensed back in 1980 and have had excellent experiences with their service department each time.

The Scout is a great rig that doesn't cost too much. It doesn't have all of those extras that seem to jack the price way up, and for the most part I have not missed all of the bells and whistles.

73's

Bryan

5344. STANDARD & YAESU HTs FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: Benjamin C Green <bgreen@u.arizona.edu>
Message-ID: <4adp5d$gi2@news.ccit.arizona.edu>
Source record: 209077

I have a Standard C168 submini 2m HT and a Yeasu FT-727R 2m/440 HT. Both are in perfect condition. I will sell either for $200 shipped ground ups prepaid, $210 ground cod.

Email for more info if interested.

--
Ben _
| | But rejoice that you participate in the
__| |__ sufferings of Christ, so that you may be
|__ __| overjoyed when His glory is revealed.
| | - 1 Peter 4:13
| |
|_| bgreen@u.arizona.edu

5345. VFO TRIO TR2200G

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: pe1pfy@wirehub.nl
Message-ID: <DJDG2I.9s5@wirehub.nl>
Source record: 209078

Can anyone provide me with documentation and or schematic diagrams to make
a VFO for the Trio (Kenwood) TR2200G

5346. Q: Regulated vs. Unregul

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: leo_parent@mystique.win.net
Message-ID: <296@mystique.win.net>
Source record: 209079

```
C(>What's the difference between a regulated and unregulated power
C(>supply?
C(>
C(>Chad
C(>
C(>
C(>

C(>
regulated keeps the dc volts clean and near ripple free (near pure
direct current) unregulated dc IS NOT prefered in solid state
devices - NO NO NO kb2wk Leo

---
* PowerAccess 1.06 Thank you for holding your breath while I smoke.
```

5347. WTB VHF REPEATER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: debbiew@marple.umd.edu
Message-ID: <4af1l3$llh@hecate.umd.edu>
Source record: 209080

Looking for a good used commercial (Motorola or GE) VHF repeater. Please send info to "Debbiew@umd5.umd.edu". Thanks!

5348. Re: Icom 706 TX Mod for 135 to 175 mHz, cont.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: leigh@rain.org
Message-ID: <4af4j3$9ug@news.rain.org>
Source record: 209081

After rereading NS1R's Icom 706 VHF TX mod, I notice he mentions cutting
a trace, BUT does not say where it is. Hmmmm.

--Leigh/KM6JE.

5349. FOR SALE: Kenpro KR-5400 Az-El Rotor

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: paulm@ultranet.com
Message-ID: <4af2qh$2ei@caesar.ultra.net>
Source record: 209082

FOR SALE: Kenpro KR-5400 Azimuth-Elevation rotor system $150

The control box and rotors are very similar to the Yaesu G-5400 system. Why am I selling this for such a miniscule price? The controller is not working. If you are good at troubleshooting electronics and want to get onto the amateur satellites, this could be your winter project. Elevation rotor is only 18 months old. Azimuth rotor is older. You'll also need to add some fresh hardware to the rotor brackets (nuts and bolts).

UPS ground shipping included in price.

Email only to paulm@ultranet.com

5350. Re: SGC SG-2000

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: Gerald Schmitt <kc5egg@eule.lanl.gov>
Message-ID: <4aeup1$f80@newshost.lanl.gov>
Source record: 209083

zut@cais.cais.com wrote:
>
> The new SGC SC-2000 "PowerTalk" appears to be one of the best things to
> come down the pike in a long time. However, I have yet to see one of them
> as there are no stocking dealers anywhere on the East coast (SGC tells me
> that there are only three right now and they are all in California) and I
> don't know anyone who has one.
>
> Does anybody have any experience with this rig?
>
> Thanks...
>
>

My only experience with SGC concerns a tuner I have. I had
acquired the SGC-230 tuner and the special antenna that is
used with it. I contacted them to try and purchase the tin
box to complete the QMS system. What I wanted was just the
tin box which has a few rf connections and a place for the
antenna mount. For this they wanted $500!!! I thought this
was an error so I faxed the CEO directly. The reply was not
from him but from some flack who continued to insist the tin
box was a highly sophisticated piece of equipment that was
worth $500. That was the end of my trying to work with SGC
I made my own tin box from a rocket box, heck if it's going
to be ugly anyway. Bottom line it you do it their way. This
is probably why they do not have many dealers. The amplifier
looks interesting but considering their inflated performance
claims and lousy attitude I won't be buying one. Did you hear
that Pierre?

5351. WTB: YOUR OLD/DEAD 7.2 VOLT BATT PACK FOR THE TH-78A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: mark russo <mrusso@hoflink.com>
Message-ID: <30CB4ADB.34E5@hoflink.com>
Source record: 209084

Hi, Im looking for a old / dead 7.2 volt battery battery pack that
fits into the Kenwood TH-78A. If you have one and want to get rid of it
please E-mail me and let me know how much you want for it.
Thanks, Seasons Greetings, Mark N2FLF

5352. Re: IC-706 Test Results

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: aa0yt@mo.net
Message-ID: <4afe9a$t5@Twain.MO.NET>
Source record: 209085

Thanks for the great test results! As for the cables, I, too, agree that they are priced far too high. The head separation cable is $50! As for the power cable, I am using the same power cable that I used for my TS-50 (before I sold it), and I think the Yaesu's use the same cable (FT-736, FT-790, etc.). Maybe it's cheaper somewhere else... of course, some enterprising person has likely already got cheaper cables out there, ready to run!

Colin, AA0YT
http://walden.mo.net/~aa0yt

5353. Re: Info on Radius PR3000 pager

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: "Charles A. Rubenstein" <rubenc@iglou.com>
Message-ID: <Pine.SOL.3.91.951210140531.29773A-100000@iglou2>
Source record: 209086

>
> If you need more info, email me & I can look into this unit for you from
> the Service Manual/ programming information.
> \
>
>

I surely would love to have the tone info from the manual. THanks a load.
I need the tone in Hz. for my TP154 controller to send.

Charlie Rubenstein
KB8BWE@N8LHG.#CIN.OH.USA.NA
rubenc@iglou.com

5354. FS: Must sell--communications receiver and computer memory

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: ahelm@mail.utexas.edu
Message-ID: <ahelm-1012951321530001@slip-47-11.ots.utexas.edu>
Source record: 209087

Moving in a matter of days! I must sell the following two items:

1 (one) 4meg 72 pin SIMM. Removed from a Macintosh 630CD when I upgraded to 20megs. Works fine. Test it and see. $90

1 (one) Realistic DX-302 Quartz Synthesized Communications Receiver with digital LED readout. Tunes10 kHz to 30 MHz continuously. Excellent condition.
$75

Call (512) 472-4506

Cheers,
Anthony
ahelm@mail.utexas.edu

5355. Restoring HQ-129-X

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: cfb@novum.com
Message-ID: <DJDvvn.9o5.0.server@indra.com>
Source record: 209088

I'm thinking about restoring this BA to full glory, and am looking for any and all pointers and tips. Any key articles on this box would also be great, and I'm happy to pay for copying and postage.

I'm also interested in finding the best sources of parts, tubes and components for Hammarlund gear. All help will be appreciated!

Charles F. Bacon
cfb@novum.com

5356. Re: ADI AT-200 info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: William Kresl <wmkresl@townsquare.net>
Message-ID: <4afd53$hr8@spectator.cris.com>
Source record: 209089

Hi Sam, and I have no conclusive evidence that this rig only covers half of the 2m band BUT I just recently talked to a chap who was borrowing one on the local repeater @146.865 (-) and other then he was 5khz off frequency (he didn't know how to change the default 10khz step to 5khz) it sounded OK (w/ducky and battery). Looks like an interesting/affordable HT (unlike the other mfg's trend to more expensive stuff).
Ceerio.....
Bill-WB9BBC @KD9JK.WI.USA.NOAM

5357. Re: Help With SB-200 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4afe99$95s@crash.microserve.net>
Source record: 209090

jackl@pinetree.microserve.com (WB3U) wrote:

>The plate voltage on his SB-200 normally reads about 2,700V. However,
>key down, it drops to about 2,200V.

Thanks to everyone for their help with this. One person also wrote to me directly to say that his SB-200 drops from 2,500V no load to 2,100V key down. This is close enough to my friend's meter readings to assume that the drop itself does not indicate a defect.

I've forwarded all the info and I very much appreciate everyone's advice and comments. Problem solved!

73,
Jack WB3U

5358. Re: Q: Regulated vs. Unregul

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <30cb42ec.7765406@nlcnews.nlc.state.ne.us>
Source record: 209091

On Sun, 10 Dec 1995 06:01:00 GMT, leo_parent@mystique.win.net (LEO PARENT)
wrote:

>> What's the difference between a regulated and unregulated power
>> supply?

>> Chad

> regulated keeps the dc volts clean and near ripple free (near pure
> direct current) unregulated dc IS NOT prefered in solid state
> devices - NO NO NO kb2wk Leo

No, not exactly. A regulated supply will hold the same voltage with
varying load current and input voltage (both within specified ratings).
You can have a ripple free supply that is not regulated. You may be
confusing filtering with regulating. A poorly filtered, or unfiltered
supply will have ripple and other trash on its output. For that matter,
you can have ripple on a regulated supply. Generally, though, today's
regulated supplies are very clean.

```
__ _ __ __
/ _ _ _ __ /_| / _ / )/| )
(__)(// (/ ( |(__)(__// |/
/
```
mcduffie@hannibal.wncc.cc.ne.us

5359. C5608

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: desman@world-net.sct.fr
Message-ID: <desman-1012952151030001@client50.sct.fr>
Source record: 209092

does anyone know how to pilote a C5608 with DTMF ?

5360. Re: Wanted a Manual for Alinco DR-560T Handie Talkie. Can anybody make a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: William Kresl <wmkresl@townsquare.net>
Message-ID: <4afi4e$l1m@spectator.cris.com>
Source record: 209093

I don't know if we are talking the same radios here but I have the ALINCO DJ-560 HT (2m/440) and I have the usual owners manual. I presume you are talking of the same Radio (?), and I don't have the SERVICE manual. I must comment that I did order a service manual for my DJ-160 from ALINCO for $10, I also purchased the TX RF amplifier hybrid module from them at a cost slightly higher then most RF parts distributors (I think I paid $49 for it), but I ordered some other parts at the same time. I think you can't find a better deal in service documentation (tho skimpy as it is). (Radio Shack has very good LOW-COST and well written service manuals, at least for the equipment I've owned).

The folks at ALINCO tech support were helpful and knowlegable (I wasn't placed on hold to listen to MUZAK). But at one time when trying to locate a small part (a belt-clip), I was told that this was not a 'SERVICE' part and was given a list of dealers to contact as this was a 'DEALER part. All the ones I called did not have it as the radio was discontinued. Even if ALINCO had the part they could not sell it to me as the transaction would 'cross' the line, I guess. Hey, to me...PARTS IS PARTS! Customers should not be given a run-around, especially on a trivial part as this (what, $5 at MOST!).

Bottom line: I like ALINCO products, tech support low-cost docs, relatively low parts costs BUT they get a BIG BLACK MARK next to their name when they don't provide support on cosmetic items (so-called DEALER PARTS) on discontinued models.

So anybody got a used BELT CLIP for a DJ160? I'm still looking.....bye....
Bill-WB9BBC @KD9JK.WI.USA.NOAM

5361. K1EA's DVP card

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: STEVE LOWE <100416.2344@CompuServe.COM>
Message-ID: <4afgod$t5g$1@mhafc.production.compuserve.com>
Source record: 209094
Cross-posted to: rec.radio.amateur.equipment,uk.radio.amateur

Hello
Can anybody tell me where I can find a K1EA Digital Voice
Processor card, I have been in touch with K1EA, but unfortunately
they do not make them any more. Failing that can anybody
recommend another card similar to K1EA's DVP.

Thanks Steve G0OYQ
ax25:- G0OYQ@GB7HUL#15.GBR.EU
e-mail:- 100416,2344@compuserve.com
Home Page:- http://ourworld.compuserve.com/homepages/G0OYQ

--
Steve Lowe G0OYQ

5362. Re: Icom,Kenwood,Yaesu Newsletters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: Cliff <VE2YU@ODYSSEE.NET>
Message-ID: <4afd68$88d@atlas.odyssee.net>
Source record: 209095

dfdf

5363. Re: ADMS-Software and programming FT-41 ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: White Heat <74367.2423@CompuServe.COM>
Message-ID: <4afnsbrmj1@mhade.production.compuserve.com>
Source record: 209096

Hi, well i have a Yaesu FT-51RH (5 watt) and the datecode on my ADMS-1 disk is that of 7-95 if you would like me to send you a copy i would be happy to!
-=White Heat=-

5364. IC-706 Band Scope

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DJE682.Cxv@iglou.com>
Source record: 209097

I've been messing with the 706 band scope. Using a magnifying glass, it appears that there are 14 dots on each side of the center gap. If the 2kc range is selected, each dot represents 2kc thus giving us a 28kc X 2 sweep range. If the 20kc range is selected then we can sweep a total of 1120kc. This allows sweeping of the wider bands such as 10 and 6 meters.

There's a few things that bug me and maybe someone has a suggestion or comment.

1. Each pass of the sweep erases the previous marker that was originally put there by a signal. This means that you must stare at the scope and be ready to hit the f-3 button before it sweeps past that point again. Wouldn't it be nice if it would accumulate the marks?

2. The audio is muted while scanning which makes me have to stare at the scope. If it wasnt muted, I could hear signals go by as it swept which would alert me to hit the f-3 button. Any ideas how to unmute the audio?

3. Is there a way to speed up the sweep thus increasing the odds of catching cw signals?

4. With the rig connected to a pc with the proper interface, can one observe the scope feature?

5. Has anyone managed to interface their 706 to a pc? What software did you use?

--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

5365. WTB: cheap 2-meter handhelds

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: mzap1@aol.com
Message-ID: <4afonq$5bk@newsbf02.news.aol.com>
Source record: 209098

I'm looking to buy about ten 2-meter handheld units of 5 watts or more and at least one base station with more power. If you have any to sell or know where I can find them cheap, please respond by email to MZAP1@aol.com.

5366. FOR SALE: Icom IC-EX309 Computer Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: paulm@ultranet.com
Message-ID: <4afs0g$51g@caesar.ultra.net>
Source record: 209099

FOR SALE: Icom IC-EX309 computer interface. for the IC-751/471/271.
Mounts internally on any of those radios. Mint with manual.

$50 includes UPS ground (US)

Email only to paulm@ultranet.com

5367. Results:survey of factory repair times

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: "John T. Young" <jtyoung@u.washington.edu>
Message-ID: <Pine.PTX.3.91j.951209133418.9644A-100000-100000-100000-100000@carson.u.washington.edu>
Source record: 209100

Thanks to all who wrote in with their comments on this very informal and non-scientific survey of repair time for major brand radios. I received 13 responses and I will summarize each response:
1). Alinco "in on Monday, got it back Friday of same week..across the country"
2). Alinco "in on Thurs., back the next week on Friday; shipped next day air at Alinco's expense"
3).Alinco "I broke the radio. Alinco repaired it, had it back to me a few days later, they shipped it 2nd day air, all free of charge!"
(all three aforementioned hams were very happy customers)

4). TenTec "two weeks"

5).Yaesu "three weeks" incl. shipping VA to CA"
6).Yaesu "about a week. damage my fault. repaired free of charge. excellent service"
7).Yaesu "eight weeks. fixed original problems but came back with new problem. new prob. took adtl. one week. Service manager very good.Service clerks mediocre"
8). Yaesu "three weeks total, from Michigan. No complaints"

9). Icom "IC745 sent to Icom twice for xmit problem. Not fixed and returned with two more new problems. Now will use local guy for repairs"
10). Icom "have used ICOM gear for long time, always good luck when in need of advice or parts"
11). Icom "rig at service factory right now. Icom postcard says est. turnaround time 45 days"

12). Standard "on phone, technician is intelligent about what needs to be done, price, scheduling, etc."

13). AEA "TNC went in on Monday. Had it back on Thursday"

For some unknown reason, I received not a single response regarding Kenwood repair service. Anybody ever have a problem with Kenwoods??? One ham wrote in saying that Kenwood's repair service was actually a privately contracted company and that Kenwood had sold its Parts and Service Divisions. This ham did not, however, relay his own repair experiences with Kenwood or any other company.

Thanks again to all who responded and I hope this helps. If I get more responses, I'll post them too. 73 de John, KI7JB.

5368. HF In Chevrolet Tahoe/Blazers Intereference?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: tomwr@deltanet.com
Message-ID: <4adrfm$evp@news2.deltanet.com>
Source record: 209101

Does anyone have experience in installing a HF rig into a Tahoe/surburban or blazer? My last car was an Ford Explorer and I had terible RFI from the fuel pump and onboard computer.

5369. Small wonder QRP Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: scsmith@nyx.cs.du.edu
Message-ID: <4aftg6$n4s@nyx.cs.du.edu>
Source record: 209102

Could someone give me the address of the Small wonder
Qrp kits.

Thanks Steve Smith KB0SZF

5370. TacTec (RCA) UHF mobile radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: Frank Paxton III <paxton@sound.net>
Message-ID: <4afd0q$cgu@guitar.sound.net>
Source record: 209103

i would appreciate a note from anyone intimate with these radios... i'm putting one on 9600 baud packet and need some advice. i also need a used microphone...ugggg. de ng0n. tnx. 72/73
frank paxton . ng0n.

5371. Re: GE Master II Repeater Conversion

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-10 00:00:00 UTC
From: Frank Paxton III <paxton@sound.net>
Message-ID: <4afd8u$cgu@guitar.sound.net>
Source record: 209104

i have a ge master exec II conversion that i did.
i had to turn the power down to about 15 watts, and 'shield' the receiver
to get rid of the 'crosstalk'.

first thing is to turn the power WAY down...say to 5 watts. see if that works.
if it does, add power until you find out where it DOESN't work.

if you can live with the power setting, you're there.

if not, you'll have to 'shield' internally. that means basically to take
double sided board and build 'dams' around leaky rf areas ... this was
necessary
for me when i put a HOT PREamp in the thing...

good luck.

de ng0n. frank.

5372. JPS ANC-4 vs Null Steerer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: rhstein@interaccess.com
Message-ID: <4agvg2$r9d@nntp.interaccess.com>
Source record: 208955

Has anyone compared the ANC-4 and the null steerer as described
in the July 94 QST? Any comments from users of the null steerer?

Ron K9IKZ

5373. HELP: Need Main Tuning Knob for FTdx-401

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: Dave Phillips <dphillips@ips.iac.honeywell.com>
Message-ID: <4age19$a6k@cst715.iac.honeywell.com>
Source record: 208956
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

HELP --

I need a replacement main tuning knob for a Yeasu FTdx-401 tranciever.
This is a 2 inch diameter black plastic knob, fluted, with a silver metal
insert in the face and a small aluminum spinner handle.

Anyone have one of these beasts I would gladly pay dollars for it. I
would even be motiviated to buy the radio to which it may be attached.

Please reply via e-mail

Dave Phillips
KB7JS
dphillips@ips.iac.honeywell.com

5374. Re: Monitor causes RFI on TV

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: n4jvp@ix.netcom.com
Message-ID: <30cc93b2.25790956@ixnews1.ix.netcom.com>
Source record: 208957

On 11 Dec 1995 13:25:40 -0500, palermo@pegasus.rutgers.edu (palermo)
wrote:

>I have a GoldStar computer that causes RFI on the tvs in my building. When
>
>the monitor is on, TV channels 2-5 show an oscillating line running across.
>
>I put RF chokes (from Radio Shack) on the AC line and monitor cable to no
>
>avail. What else can I try? The monitor is aprox 5 years old and is a color.
>
> As a last resort, if I need to have it serviced, aprox how much $$$ and is it
>
>worth repairing?
>
> Thanks
>

I assume that the building you are speaking of is multiple
occupancy (apartments, condos etc.) and that the televisions are
commercial cable-connected. If this is the case check out your
television(s) and make sure that all the cable connections are tight.
If this doesn't help call the cable people, it could be poor shielding
in the coax. Saving a couple of pennies on each cable hook-up can save
the cable company a lot of money over all.
As far as repair versus buying new, make certain that the RF
is emanating from the monitor and not another part of the hardware
(keyboard cables are notorious for being poorly shielded). Put RF
chokes on all computer cables and AC lines, check that the case is
securely anchored to the chassis, etc. before spending any big bucks.
If you decide the monitor is the problem, I would suggest a
getting a new one unless the one you have is a top-of-the-line model.
You've gotten your money's worth out of the old one and can always
keep it for a spare or sell it.
I experience noticibleTVI (minor cross-hatching) on channel
two on a television about 8 feet away from the computer desk but the
television in the next room is unaffected. These televisions are not
cable-connected.
hope this gives you some insight
73 de N4JVP
Fritz

5375. 6146B replacements

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: degreene@heurikon.com
Message-ID: <degreene.818704321@news.heurikon.com>
Source record: 208958

Hello,

I've got an old Kenwood that I want to purchase a couple of sets of replace finals for. I don't know anything about tube replacements. A gentleman
told me about a place selling ruggedized 6146W tubes for about $18 a piece.
My Kenwood has 6146B tubes in it for finals. Are the 6146W tubes a good
replacement for the 6146B tubes?

Are they "electrically" equivalent?

I figure if I'm going to get some spares, I might as well get the
toughest/best availible, and I assume the ruggedized W's at that price
new would be the best way to go.

Thanks,
Dave

degreene@heurikon.com

--

Dave Greene Heurikon Corp. (800) 356-9602

5376. FT-51 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: davidf@cais.cais.com
Message-ID: <4ai97v$1kd@zippy.cais.net>
Source record: 208959

Can someone point me to a place to find FT-51 mods if any?

5377. Re: Clegg 99er

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: gkantor@intac.com
Message-ID: <4aiqil$ltk@nile.intac.com>
Source record: 208960

In article <4ahq88$25oc@navajo.gate.net>, Jay Ward <jaywward@gate.net> wrote:
>Looking for info (schematic would be great) on the Clegg 99er 6meter
>rig. I picked one up minus power supply or connectors for P/S.
>
>Any help greatly appreciated. Also have Gonsett Communicator III
>in same deal, willing to talk trades.
>
>Jay KE4ZOG
>305-570-7133
>

Jay,

The '99er has a built in A.C. power supply. You simply need the right power cord for it. Some pins need to be jumpered in the connector that goes to the radio. I'm not sure whether or not the 12V DC supply is built in or an add-on but if you see a vibrator inside, then it's in there! Hopefully someone who has one of these wonderful W.A.N. (worked all neighbors) radios can help with the wiring. :)

73's

Gary, WA2BAU

5378. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: kc5egg@eule.lanl.gov
Message-ID: <4aiggk$p8t@newshost.lanl.gov>
Source record: 208961
Cross-posted to:
rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur,rec.ham-radio.swap,rec.ham-radio

Been reliable for me and they ship free.

5379. Wanted: info on tracking devices

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: Randall Henderson <randall@edt.com>
Message-ID: <30CCEE6E.4E08@edt.com>
Source record: 208962
Cross-posted to: rec.radio.amateur,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

I need to find a tracking device, in a small package (say the
size of a pack of cigarettes or smaller) and receiver, range at least
a mile, hopefully for a reasonable price. Anyone know address/phone of
manufacturers, or plans (Popular electronics?) or kit?

RH
randall@edt.com

5380. Question: GE Master II at 52.525

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: "Donald I. Baker" <dbaker@mail.bcpl.lib.md.us>
Message-ID: <Pine.SOL.3.91.951211150400.5701B-100000@mail>
Source record: 208963

Just aquired 2 of these (1@100 watt and 1@50W). Both have Pl's and reeds. Simple question, who can send me info on disabling of the PL's and reeds. Want to use them as carrier not tone squelch.

also...The 100 watt will be put up as a fixed link-able remote base on a 440 system. How far do I need to "turn down" the 100 watt to let it run at a high duty cycle (most off, but on at 50% or better during use).

Thanks in advance.

-=Don=-
73' de N2MCG

5381. Re: Way to open Icom BP-84/83 battery packs???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: egf@ultranet.com
Message-ID: <egf-1112951808290001@egf.ultranet.com>
Source record: 208964
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In article <egf-0712950929390001@egf.ultranet.com>, egf@ultranet.com (Ed Fortmiller) wrote:

> I have two Icom BP-84 and one BP-83 battery packs which are
> dead. Anyone know of a way to nicely open these type of packs?
> I believe I could at least make use of the BP-84 to stuff AAs
> in if I could open it. I'm aware of and own the BP-90 which you
> can stuff yourself.

Well this afternoon I discovered that the bottom cap is glued on and by doing a little prying with a small screwdriver I was able to pop it off. I tried it on a second battery and that bottom appears to be glued on better so I have not been able to get it off yet. I would rather not beat the case up.

--
Ed Fortmiller | Hudson MA | egf@ultranet.com

5382. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.951211184648.16376A-100000@avatar.avatar.com>
Source record: 208965
Cross-posted to: alt.radio.amateur.club.clarc,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

On Mon, 4 Dec 1995, Jim Weir wrote:

>
> I can't argue with the article on AARS because I've never BEEN to
> Austin, much less shopped there.
>
> However, AES down in Las Vegas has a person on staff named Squeak who
> for my money is the sharpest, easiest to get along with ham radio
> sales person I've ever had the pleasure of dealing with. If you have
> a question that Squeak can't answer, you've got yourself one hell of a
> question.
>
> Jim

I second that. I've bought a lot of stuff from the Las Vegas AES and
they`ve been very helpful and curtious.

Kory
KE6VWO

5383. Monitor causes RFI on TV

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: palermo@pegasus.rutgers.edu
Message-ID: <4aht34$7j0@pegasus.rutgers.edu>
Source record: 208966

I have a GoldStar computer that causes RFI on the tvs in my building. When the monitor is on, TV channels 2-5 show an oscillating line running across. I put RF chokes (from Radio Shack) on the AC line and monitor cable to no avail. What else can I try? The monitor is aprox 5 years old and is a color. As a last resort, if I need to have it serviced, aprox how much $$$ and is it worth repairing?

Thanks

5384. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: Kory Hamzeh <kory@avatar.com>
Message-ID: <Pine.BSD/.3.91.951211140615.7611A-100000@avatar.avatar.com>
Source record: 208967

On 4 Dec 1995, Tom Clark wrote:

>
> On the other hand, if you want to do something with DSP over a ~20 kHz bandwidth,
> then the tables are turned. You can use a simple Sound Blaster (44.1 kHz sampling
> rate) in a high-end PC and do IF processing easily with hardware you can buy
> today at Circuit City. It's only $oftware!
>
>
> 73 de Tom, W3IWI

Hi Tom,

Has anyone written any code to do this on a PC soundcard? I've been
looking around for such software.

Thanks,
Kory
KE6VWO

5385. FS: Icom 720a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: spearce@ccu1.auckland.ac.nz
Message-ID: <4aif2n$23oe@thebes.waikato.ac.nz>
Source record: 208968

FOR SALE
Icom 720a all band hf transceiver plus power supply (230 V system)

offers/indication of going prices appreciated

5386. Yaesu FT-8500 Auto Receiver Mute Function ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: linvillm@gordon-nsc1.army.mil
Message-ID: <cb7cb$15322f.95@news.csra.net>
Source record: 208969

I have some heartburn with the Auto Receiver Mute function
on my Yaesu FT-8500 / MH-39 dual band mobile rig.

The programming options for automatically muting one of the
bands in case of activity on both bands at the same time seems to
be illogical.

The only auto muting options seem to be:

1) Off
2) Always Mute the UHF
3) Always Mute the VHF

Seems to me the logical thing to do (and what they did do in the
FT-51R) is to have a choice to mute the SUB band (the band which
is NOT currently selected for operation) and let the audio pass
on the MAIN band when there is activity on both bands at the same time.

The only other muting option is to mute BOTH bands (why would I
do that) from the dtmf pad on the mike.

Have I missed something in the manual or did Yaesu miss something
in the programming on this one ??

Mel Linville
WB4ZIT

5387. Clegg 99er

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: jaywward@gate.net
Message-ID: <4ahq88$25oc@navajo.gate.net>
Source record: 208970

Looking for info (schematic would be great) on the Clegg 99er 6meter rig. I picked one up minus power supply or connectors for P/S.

Any help greatly appreciated. Also have Gonsett Communicator III in same deal, willing to talk trades.

Jay KE4ZOG
305-570-7133

5388. Re: Results:survey of factory repair times

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1995Dec11.103410.417@nad.com>
Source record: 208971

In article <30cb4580.8425000@nlcnews.nlc.state.ne.us>, mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.) writes:
> On Sun, 10 Dec 1995 11:48:56 -0800, "John T. Young"
> <jtyoung@u.washington.edu> wrote:
>
>> For some unknown reason, I received not a single response regarding
>> Kenwood repair service.
>
> They never break! <g>

Well...
I have one Kenmore radio. Once it was in the shop for like 3 months, waiting for parts. Never again.

I have 4 Yaesu products. I broke one myself and it took Yaesu a little over a week to fix it, no charge.

Oh and I also now have an old Icom 220 mobile. Works fine, but the ergonomics are bizzare!

YMMV...
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

5389. RADIO & XMTR TUBES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: leo_parent@mystique.win.net
Message-ID: <303@mystique.win.net>
Source record: 208972

I have just come across A bunch of radio, xmtr,rcvr,amp,drivers, modulation, octals, regulator, etc tubes - I haven't cataloged them all but if you have a neat antique radio you want to give life to, or need xmtr driver and final tubes - I might just have them - I am not a dealer - I had to buy the whole mess to get 3 of the tubes I Needed. lv msg here -Leo_Parent@Mystique.win.net

---
* PowerAccess 1.06 Imprisoned in .QWK file! Send the ZIP army!

5390. Re: Results:survey of factory repair times

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <30cb4580.8425000@nlcnews.nlc.state.ne.us>
Source record: 209016

On Sun, 10 Dec 1995 11:48:56 -0800, "John T. Young"
<jtyoung@u.washington.edu> wrote:

> For some unknown reason, I received not a single response regarding
> Kenwood repair service.

They never break! <g>

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/
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mcduffie@hannibal.wncc.cc.ne.us

5391. RF Series 1550

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: aq760@yfn.ysu.edu
Message-ID: <4ag03l$dn@news.ysu.edu>
Source record: 209017

I have a radio on which I have no information. It is made by a company called "rf", and it is a "Series 1550". Any information on this radio, especially how I may put it on the ham bands or whether it is already there, would be greatly appreciated.

5392. WTB Mods for the Yaesu Ft2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: by668@FreeNet.Carleton.CA
Message-ID: <DJEGu4.Dyy@freenet.carleton.ca>
Source record: 209018

Looking for any mods availlable for the rig, please reply if you have them...

Thanks.
Ve2hps
Marc.

5393. Re: Help With SB-200 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <4ag5so$62k@news.iii.net>
Source record: 209019

Hi Jack,
The Heathkit amplifiers DO that! (At least mine does!)
I have added a 220 Variac which I adjust to get the plate voltage
where I want it. I just ordered new capacitors (14 weeks!) so
I'll let you know if it makes a difference.

By the way...

The replacement capacitors are 1/3 the size of the existing caps,
has there been a breakthru on capacitor technology?

Tom

5394. Re: Help With SB-200 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <4ag5t2$62k@news.iii.net>
Source record: 209020

Hi Jack,
The Heathkit amplifiers DO that! (At least mine does!)
I have added a 220 Variac which I adjust to get the plate voltage
where I want it. I just ordered new capacitors (14 weeks!) so
I'll let you know if it makes a difference.

By the way...

The replacement capacitors are 1/3 the size of the existing caps,
has there been a breakthru on capacitor technology?

Tom

5395. Re: Help With SB-200 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <4ag60v$62k@news.iii.net>
Source record: 209021

Hi Jack,
The Heathkit amplifiers DO that! (At least mine does!)
I have added a 220 Variac which I adjust to get the plate voltage
where I want it. I just ordered new capacitors (14 weeks!) so
I'll let you know if it makes a difference.

By the way...

The replacement capacitors are 1/3 the size of the existing caps,
has there been a breakthru on capacitor technology?

Tom

>
>The plate voltage on his SB-200 normally reads about 2,700V. However,
>key down, it drops to about 2,200V. This seems like an excessive drop
>to me, but again, I'm not familiar with these amplifiers. He runs the
>amp on 220VAC, and after measuring a significant the drop on the AC
>line (I don't know what it was), he ran a new dedicated circuit
>directly from the breaker box. He now measures only a few volts drop
>on the incoming power when the amp is keyed, but the new line did not
>improve the plate voltage regulation.
>
>Thanks & 73,
>Jack WB3U

5396. WANTED: Accessories for Icom IC720A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: lanceh@a.crl.com
Message-ID: <4aga16$iuv@nntp.crl.com>
Source record: 209022

I would like to find the following accessories for my Icom IC720A:

IC-HM7 hand mic
IC-PS15 AC supply
IC-SP3 External speaker
IC-HP1 Headphones
IC-MB5 Mobile mounting bracket
BC-10A Memory backup AC power supply
FL-32 CW Narrow filter
FL-34 AM pass band filter

and possibly

IC-2KL Amplifier
IC-2KLPS Power supply for IC-2KL

Email replys preferred: lanceh@a.crl.com

Lance Halle KC7FVX

5397. FT-1000 lock main and sub vfos

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: rlong@magnus.acs.ohio-state.eduu
Message-ID: <rlong-1012952309510001@slip1-54.acs.ohio-state.edu>
Source record: 209023

FT-1000:Tracking main and sub vfos

I have a memo written by w8egb which would allow the sub vfo to track the main vfo when the main dial is turned. This is convenient when using the stereo reception mode. He also suggests that if you work 10 meter fm repeaters it would allow you to set the offset and then tune to different repeaters by only changing the main dial.

The problem is that he says that at the time he wrote the memo (1992) he had not tried his idea - and I am unable to reach him by telephone. His idea briefly is to cut the wires to the sub dial encoder and insert a dpdt relay. In the off position of the relay the wires are restored to the sub encoder. In the on position of the relay the wires that formerly went to the sub encoder are connected to the main encoder, in parallel with the existing wires to the main encoder. The relay is controlled by an unused front panel switch, say the DIM switch.

Has anyone tried this, or any other idea which accomplishes the desired goal.

Thanks. Ron w8gus.

5398. Do I Need a DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: sherwood@oribi.cig.mot.com
Message-ID: <sherwood.818647256@oribi>
Source record: 209024

Hi folks.
I just discovered a new operating mode (for me). Keyboard CW using my
KAM+ TNC. The only problem is I have to use my 1.8KC IF filter.
If I use my 500Hz IF filter, the noise generated by it creates lots of garbage
output from the TNC. The 1.8 filter really lacks when there is a strong
station close by and the AGC kicks in. Station is a ten tec paragon
and kam+ TNC.

1) Will a DSP remove or help remove the noise from the narrow filters.

2) And now the six million dollar questions (Hope I dont start a war).
Whats a good DSP and what should be avoided (RS I know).

Thanks a lot.
chuck sherwood N9QZT
sherwood@cig.mot.com

--
Chuck Sherwood
sherwood@cig.mot.com

5399. Re: handheld 2M radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4agf6m$c5e@cc.iu.net>
Source record: 209025

In <4a81fh$q61@globe.indirect.com>, Clyde Prichard <indirect.com> writes:
>Yaesu's. I recomend talking to a hamradio outlet at one of the following toll free numbers:
>WICKLIFFE,OH ;CLEARWATER,FL; ORLANDO,FL;, LAS
>VEGAS,NV WHICH HAVE GOOD PRICES ON RETAILED RADIOS IN THE 2M BAND!

er, clyde...

you could tell him that this is Amateur Electronic Supply....

and AES is an 800 pound Gorilla in the business -- they're going to be able to supply the gear...but may not have the best deal on any specific item at any given time (sometimes they do...sometimes they don't)..

i'd tend to point him to a magazine like CQ, QST, or 73 instead.

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

5400. Q: RF concepts amp any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: ctbaker@taco.engr.ucdavis.edu
Message-ID: <4aggqn$p8j@mark.ucdavis.edu>
Source record: 209026

I have been looking to get an amp for 2 meters to use with my dual band FT-51R HT radio... I looked at the RF Concepts VHF 1-60 amp... it supposidly gives 60 watts out with 1-8 watts in... is this amp any good?

Thanks

Chad
KE6ZTC

5401. Hi/LO Power for TR9500

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4agnum$ljm@hawk.pix.za>
Source record: 209027

I see in old magazines that some models of the TR-9500 70cm radio's do have ho/lo power controls. Mine does not. Is there anybody who have such a model of the TR9500 Kenwood ? I would like to ask questions about its circuit diagram in order to mod mine to also have the hi/lo power option

Thanking You
Danie zs6awk

5402. ICOM IC-720A Questions...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: Ray Wilson <n3rkh@voicenet.com>
Message-ID: <4ah273$s2g@news.voicenet.com>
Source record: 209028

Folks, I just got an IC-720A in a trade. Does anybody have any words of wisdom concerning this radio? Tips on operation, etc? The radio seems to be in pretty fair shape, so hope fully it doesn't need too much work. Is the radio worth putting any money into, say returning it to ICOM for grooming, and possibly some corrective maintenance?

Thanks for your help.

73

Ray

5403. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4ah1db$d1o@oskgw.osk.sony.co.jp>
Source record: 209029

Hi
I just bought a Yaesu FT-690 mkIi, and was wondering if the receive
range could be widened.
Peter

5404. Re: Help With SB-200 Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4aheef$p7r@newsbf02.news.aol.com>
Source record: 209030

In article <4ag60v$62k@news.iii.net>, "Thomas C. J. Sefranek"
<sefranek@iii.net> writes:

>
>The replacement capacitors are 1/3 the size of the existing caps,
>has there been a breakthru on capacitor technology?
>
>Tom

Hi Tom,

You really need to work on that stutter, or was it on my end? ;-)

There are better foils now, so caps can be smaller. Be VERY careful to
watch the ripple current rating. Some of the small case sizes will not
dissipate heat caused by the ripple charging and discharging the cap
through the internal resistance of the cap. They may have shortened life.

73 Tom

5405. Help! Yaesu 5100 VHF out intermittant.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: kmuse@radware.net
Message-ID: <4ahhrr$ev4@ionews.ionet.net>
Source record: 209031

I have a 5100. The VHF output is intermittant. Its 5 watts one minute, jiggle it and it's 50. I've resoldered some on the PA circuit board but no luck. Would anyone load me a service manual or let me copy the section on the PA or any variation thereof that might help. I would like to see what voltages are going away when this happens as to find the bad spot, chip cap, etc. Any help will be appreciated. I'll pay postage on any documentation. Thanks! Kevin Muse, WA4UES

5406. Re: Help! Yaesu 5100 VHF out intermittant.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: kmuse@radware.net
Message-ID: <4ahi0a$ev4@ionews.ionet.net>
Source record: 209032

kmuse@radware.net (J. Kevin Muse) wrote:

>I have a 5100. The VHF output is intermittant. Its 5 watts one
>minute, jiggle it and it's 50. I've resoldered some on the PA circuit
>board but no luck. Would anyone load me a service manual or let me
>copy the section on the PA or any variation thereof that might help.
>I would like to see what voltages are going away when this happens as
>to find the bad spot, chip cap, etc. Any help will be appreciated.
>I'll pay postage on any documentation. Thanks! Kevin Muse, WA4UES
"load should be "loan" ! kmuse@radware.net

5407. mfj.jpg (0/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: rfreeman@earthlink.net
Message-ID: <30cc5d3b.3173621@news.earthlink.net>
Source record: 209033

Is there anyone else who has had the shaft of their antenna tuner break. I have a MfJ Differential T Tuner Mod. 986, and the shaft from the roller inductor broke at the race where the bearing go. I was wondering if this was an isolated event or is it the reason they changed the design of this part. I have included an attachment with a picture of the break. Please Email me at rfreeman@earthlink.net.
73,
-Richard, KB6CEA

5408. mfj.jpg (1/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: rfreeman@earthlink.net
Message-ID: <30cc5d78.3237499@mail.earthlink.net>
Source record: 209034
Body handling: Inline uuencoded payload not displayed: mfj.jpg

[Inline uuencoded payload not displayed: mfj.jpg]

5409. Re: Q: Regulated vs. Unregulated PS?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: rburgan@detroit.freenet.org
Message-ID: <4ahjp3$1ij@detroit.freenet.org>
Source record: 209035

The standard 7812 is max. rated at 1.5A, with cooling fins. Don't figure on running them at more than .75A without proper heat disapation.
--

5410. Power supplies in series?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: hillgen@remus.rutgers.edu
Message-ID: <4ahmot$bjp@remus.rutgers.edu>
Source record: 209036

I was wondering if it would be harmful (to the supplies) if I was
to wire three switching power supplies in series so that their
voltage would in effect, be cumulative. Is this a good idea?
Thanks!
jay

5411. Re: ICOM IC-720A Questions...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: dtburr@mcs.com
Message-ID: <4aht8f$aed@News1.mcs.net>
Source record: 209037

> Ray Wilson <n3rkh@voicenet.com> writes:
> Folks, I just got an IC-720A in a trade. Does anybody have any words of
> wisdom concerning this radio? Tips on operation, etc? The radio seems
> to be in pretty fair shape, so hope fully it doesn't need too much work.
> Is the radio worth putting any money into, say returning it to ICOM for
> grooming, and possibly some corrective maintenance?
>

One tip on operation with the 720A is to never try to receive in crowded band conditions.

You may want to invest in an audio DSP unit.

Dave

Email: dtburr@mcs.com

5412. Icom Batt on HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: palermo@pegasus.rutgers.edu
Message-ID: <4ahslu$5v5@pegasus.rutgers.edu>
Source record: 209038

I am using a W&W Associates battery on my 202. The bat # is: WC-0242J2-IC8.

Occaisionally I get the Error-2 message, which I know is caused by the higher

battery voltage (8.4 @ 1400ma). If I open up the battery and REMOVE 1 AA cell,

causing a decrease in voltage (& current), would this stop the radio from

freaking out?

Thanks

5413. Help with TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: Ken Wilde <n1tvr@loa.com>
Message-ID: <30CCB715.72CA@loa.com>
Source record: 209039

I am going to be buying a tnc soon. Whenever I go online though I can't use my radio because I get disconnected as soon as I key up. Someone told me that a tnc works just like a modem and will not work with rfi problems Is this true? Please email me with your comments. Any help will be greatly appreciated.
73, Thanks
Ken
n1tvr@loa.com

5414. Icom 706 TX Mod for 135 to 175 mHz, cont.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512111946.AA01285@shelob>
Source record: 209040

Steve ,
Sound Like this mod leaves you in the dark, cut trace???
where ????,
If any one gets this one right , let me know.
Even FAX it to me and I will check it out.
USA FAX# 310-813-9623 24hour FAX #
For now, it seems incomplete , Cut trace ?????????
73
Mike
IC-706 Owner
See you on the Ham Bands
respond via newsgroup
ham-equip@UCSD.EDU
on the Internet to this Subject below:
Icom 706 TX Mod for 135 to 175 mHz, cont.

or FAX me the Mod Sheet to the Number above.
73
Mike

Date: 10 Dec 1995 05:31:54 GMT
From: leigh@rain.org (Leigh)
Subject: Icom 706 TX Mod for 135 to 175 mHz, cont.

Here is another Icom 706 TX mod bulletin, posted on Packet
by NS1R. This one claims to have more info on the expanded
VHF TX mod, with a claimed transmit range from 135 to 175 mHz.

It is reprinted below, numerous typos included.

(Could this be another hoax, as was the Radio Shack HT "April
Fool's Day" TX mod? If anyone screws up their rig with this mod,
I ain't responsible..)

FWIW... --Leigh/KM6JE.

From: NS1R@KA1TUZ.FN42JH.MA.USA.NOAM
To : INFO@USA

Hi, I have been posting tx mod info on the ICOM 706 and have heard back
from two people who work at ICOM USA. They are unaware of TECHNICAL
BULLITAIN #711-1_ They UNOFFICIALLY said that removing DIODE #59
restores transmit 1.8 to 54 MHZ and also you can open up the VHF
SENSITIVITY on 2 meters from 140 to 174 by simply cutting "J4" on the
"PA DECK". That is all they will confirm (UNOFFICIALLY". They said

they have no knowledge of this technical bullitain 711-1_ .

It appears to be an official Tech BUlitain to me. I have a photocopy.

The additional items to in the Tech bullitain to restore out of two meter transmit are as follows (not endorsed or denied by icom USA): remove Diode #60 and cut the jumper next to it labled "W4". Then remove either (Q38 or R353 resitor) on the main PCB (about one inch to right of Diode #60. Then turn over the radio and cut a trace (You need picture of schematic to see clearly and install a jumper froM IC32 pin 11 to the point where you cut the trace. This will restore transmit from 135 to 175 MHZ.

I have not done the final modes as I said earlier by opening up the VHF side of the rig for receive You open it up for INTERMODE also!!! That is all for today NS1R STEVE

*** END OF MSG # 43795 from NS1R @ KA1TUZ.FN42JH.MA.USA.NOAM

5415. REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: gregkopp@en.com
Message-ID: <gregkopp-1112951537310001@l2-8.en.net>
Source record: 209041
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

Have you ever bought anything from Oklahoma Comm Center (1-800-765-HAMS)??

I'm looking at buying a radio mail order from them. They are $30 cheaper
than most other stores with free shipping and I'm not sure of thier
reliability.

e-mail to gregkopp@en.com or n8jms@cars.org

5416. SONY GPS forsale trade ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: "Donald I. Baker" <dbaker@mail.bcpl.lib.md.us>
Message-ID: <Pine.SOL.3.91.951211151718.6231B-100000@mail>
Source record: 209042

```
From dbaker@mail.bcpl.lib.md.usMon Dec 11 15:15:42 1995
Date: Mon, 11 Dec 1995 15:14:21 -0500
From: "Donald I. Baker" <dbaker@mail.bcpl.lib.md.us>
Newsgroups: rec.radio.swap
Subject: GPS

Forsale or trade (? what 'u got ?)

Sony GPS model IPS-360
PIXIS marine unit
remote mount antenna
in original box
used less than 5 times in three years
upgrading to PCMCIA based unit and laptop
Unit is truely like new. All original packaging and docs
Box looks used
Cost $1000 just over 3 years ago (what good toy didn't back then)
looking to get $250 or euall trading stock.

Items of intersting tradr might be:

6 meter anything
Commercial grade wireless mics
Plantronics headsets , with phone pad
older monochrome (LCD) 386 or better laptop

also enjoy guns, eletronics, photography, as hobbies. Let me know what
we might swap.

Thank you,

-=Don=-
'73 de N2MCG
```

5417. Azden PCS-4000 mod ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: dmgillah@mtu.EDU
Message-ID: <199512112213.RAA11789@dolphin11.me.mtu.edu>
Source record: 209043

Howdy! I am trying to figure out if there is a modification, way
of programming, etc to make the US version of the Azden PCS-4000 radio
step in 12.5 kHz intervals, it would be much appreciated.....thanks & 73.
--

```
_______________________________________________________________________
( Take it easy. -Dave The Upper Penninsula: )
( It's too cold, snows too )
( Michigan Technological University much, and it takes too long )
( The professional, perpetual student long to get here. But hey, )
( dmgillah@mtu.edu the air's fresh, and the )
( kb8por@w8yy.#upmi.mi.usa.na water's clean. Works for me!)
(_____________________________________________________________________)
```

5418. Manual for Standard 6-5608-DA mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: davev@atkc.COM
Message-ID: <9512111937.AA23890@sailor.atkc.com.atkc.com>
Source record: 209044

A friend asked me for info on obtaining a used or photocopy
of a manual for a Standard Radio.

Standard Twin Band
6-5608-DA
50 watt 2m/440 mobile

He will pay any reasonable photocopy and shipping charged gladly,
or will buy a used copy of the manual.

Thank you.
==========
This message does not constitute any official or unofficial statement or
policy of American Turnkey or any other organization, corporation or
institution.

David P. van De Kerk Manager, Systems Integration
American Turnkey Santa Ana, CA USA
714-557-9050 voice 714-557-9056 FAX davev@atkc.com
KE6GXD

5419. USA Ham Suppliers-sell to Europe?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: garry@bonney.u-net.com
Message-ID: <4aib16$4fd@oveja.u-net.net>
Source record: 209045

Hi there I was wondering if there are any US Ham Radio equipment suppliers who readily sell equipment to Europe. I am aware of the additional 'costs' incurred by this method, however it is still 'in many cases' worth the effort. Also are there any US suppliers who have their catalogues available via the Internet, I woulld appreciate further details.

Regards Garry

G0IHB, GX0TEN, F/G0IHB/P

Internet:garry@bonney.u-net.com
Packet: G0IHB@F6KBO.FBRE.FRA.EU

5420. Kenwood Dual Band 2/220

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: marsmith@eastky.com
Message-ID: <4ahv0f$2id@netnews.mis.net>
Source record: 209046

I have a Kenwood 621A 2 meter/220 mobile dual band radio. Radio is in very good condition with some scratches to sides.
Operates flawless. Want to sell to get 2 meter/440 mobile. Asking $425.00 might consider trade to dual band 440.
If interested contact: marsmith@harold.eastky.com

5421. More on IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: rcarpen@DGS.dgsys.COM
Message-ID: <Pine.SOL.3.91.951211171439.23879A-100000@DGS>
Source record: 209047

I've read the past 2+ months of archives on the IC-706. Surely one of the main problems is overly optimistic advertising. I haven't mod'ed mine, but offer the following analyses, mostly concerning reception on the FM BC band (the nearest FM BC station is about 9 miles distant):

> The WBFM IF bandwidth is something like 500 kHz with broad skirts, far far too wide to be useable in any major metropolitan area. The Baltimore / Washington area has many stations spaced 400 or even 200 kHz apart. There is no hope for the 706 to separate them.

> It is very common for FM stations to be spaced 10.4, 10.6, 10.8 or 11.0 MHz apart. The 10.7 MHz WBFM IF is so wide, and even moderately strong stations drive the rig into intermod, that this problem severely limits FM BC reception. OK, 10.6 and 10.8 MHz spacings must be quite a few miles apart.

> The WBFM first IF is at 70.7 MHz. The color subcarrier of my local TV channel 4 is at 70.8+ MHz, which is well within the WBFM IF.

> I have two pairs of FM BC stations, one of each pair about 10 miles away, the other 30 miles distant, where the spacing is exactly 9.0 MHz, the second IF frequency on all but WBFM.

I've added a high-pass 88 MHz filter with nulls at 70.8 and CH 4 and 5 video carriers; also a trap tuned to one strong local FM station. Now I can use the preamp above 120 MHz on the aircraft band and actually hear a weather station. The FM BC performance is still very unsatisfactory. Lots of intermod on FM BC, even with the attenuator switched in. I get the impression that the LO inject level may be inadequate.

Other than the above, resulting from the ads not matching reality, the 706 is a nice little rig.

73 be Bob w3otc

5422. Re: Small wonder QRP Kits

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4ahhho$dbs@mksrv1.dseg.ti.com>
Source record: 209048

You can contact Dave Benson, NN1G, directly via e-mail:

bensondj@aol.com

Dave is the owner/founder of Small Wonder Labs. I have
built three of NN1G's various designs and like them all.
The SW-1 (formerly known as NE-4040) is the latest, and
it works great for the little money it costs!

73 / 72 de KC5NG/QRP

5423. Re: SGC SG-2000 "PowerTalk"

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: "Kenneth M. Gianino" <gianino@sbctri.sbc.com>
Message-ID: <4ahe4s$bc4@sbctri.tri.sbc.com>
Source record: 209049

In article <4aeup1$f80@newshost.lanl.gov> Gerald Schmitt,
kc5egg@eule.lanl.gov writes:
> That was the end of my trying to work with SGC
>I made my own tin box from a rocket box, heck if it's going
>to be ugly anyway. Bottom line it you do it their way. This
>is probably why they do not have many dealers. The amplifier
>looks interesting but considering their inflated performance
>claims and lousy attitude I won't be buying one. Did you hear
>that Pierre?
>
Wow- give the guy a chance. I talked to Mr. Goral for some time at
Dayton this year and found him to be quite interesting. Probably
quite a good businessman, too. Most of his business would appear to
come from the maritime industry and South American govt./military
orders. You can't very well expect him to sell the parts for less
than the price of the complete equipment, can you? His pricing
strategy seems pretty smart to me. The basic equipment, which is
all that most hams will purchase, is very affordable for
commercial/type accepted radios. Yes, you can buy an Astron power
supply instead of SGC's and save big bucks. However, the commercial
purchasers want a package deal with good support and- viola- SGC
maintains a reasonable profit margin. It seems to me that he is
just giving us another choice (which a lot of people have taken).
I'm sure if you phoned RF Harris they would be more than happy to
sell you their auto-tuner for about $2000, after a sufficient
run-around and then demanding a wire transfer of funds.
Ken - WB0QNA

5424. Re: Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4aij9f$jsa@safety.ics.uci.edu>
Source record: 209050

Lest we forget....the practical history of these rigs....

It seems the first runs of many rigs go through a shake down period.
I have heard, but never experienced this, with the Kenwood 440
and 940 series, where Kenwood was breaking relatively new ground.

I have owned a 440 and 940, neither of which has had the slightest
design problems show up. I love my 440 dearly, as do many others I
know. In fact, my 440 with IRCI filters throughout, and a few other
simple mods still impresses me more than a whole lot of newer radios
out there. It has chugged along trouble free for the three years
I have owned it.

I have several friends with 850's, and I really respect that radio,
when you are buying Japanese. I have recently had a patriotic rebirth
and am buying American now, so I have the Ten Tec OMNI VI which I
am very pleased with.

Clark
WA3JPG

5425. Re: SGC SG-2000 "PowerTalk"

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: kc5egg@eule.lanl.gov
Message-ID: <4aigdu$p8t@newshost.lanl.gov>
Source record: 209051

Ken,

Perhaps you didn't understand. He sells the whole thing for $800.
The tuner is $500 the antenna is $300 the mount is some other amount.
I have the $500 part I have the $300 part plus a bit more. I want the
lousy tin box that is not worth $500 perhaps $100 but not $500.
Does the Ford dealer charge $12000 for a fender? As to giving SGC
a chance I called a my expense 4 times. I faxed at my expense twice.
I really thought there was a breakdown in communications and they
thought I wanted a tuner and box. There was no lack of communications.
They simply rip you off if you don't buy the package. I will not do
business with them and I recommend other do not either.

5426. TX Mod for Alinco DJ180?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: jls <jls@sierra.net>
Message-ID: <4ahnn6$500@jobes.sierra.net>
Source record: 209052

Is there a TX mod for the Alinco DJ 180?

I've been looking high and low but to no avail, any help is appreciated.

--
Cya l8er... -=lArRy=-

5427. Re: Kenwod TS-180S vs TS-830S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4aiiv4$jpj@safety.ics.uci.edu>
Source record: 209053

In <4a8ear$ia9@guava.epix.net> kps@epix.net (Kirby Powell) writes:

>In article <Pine.BSD/.3.91.951206112548.23039A-100000@avatar.avatar.com>, Kory Hamzeh
<kory@avatar.com> says:
>>I have an opertunity to purchase a Kenwood TS-180S with 500 HZ CW filter
>>but to power supply for $475 or a TS-830S (no CW filter but has power

>I have an 830 and have worked other solid state rigs but not the 180. FWIW, I'm very
pleased
...
>like the power output - depending on band, I get 110 to 150 watts out with the tube
finals. The
>180 is 100 watts as I recall. In marginal conditions, that little extra power can help.
Many owners

Have you ever heard a 1 db increase in signal? Even a 2 db increase? I
am honestly curious. I dispute your point that 110-150 watts can make a
difference over 100 watts in any practical sense. I have tried that
but absolutely never found that the other station could tell the difference.
I do not distinguish between two transmitters unless the power is doubled,
and even then, it is a very small difference as far as I can tell.

Clark
WA3JPG

5428. FT-1000MP TEST

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-11 00:00:00 UTC
From: 100407.3136@compuserve.com
Message-ID: <4ai04e$k34@dub-news-svc-5.compuserve.com>
Source record: 209054

Hello to all:

I'm thinking to buy a Yaesu FT-1000MP.

Any opinions about this rig?.

Is better than FT-1000D? or similar?.

Thank you in advance.

Alberto Perello
EA3CR
Barcelona
Spain

5429. Mods needed for alinco 610 moble!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: David Mclean <dmclean@dfw.net>
Message-ID: <4ainab$lt@fnord.dfw.net>
Source record: 208905

Can someine please send me the alinco 610 mods. I can't find then on any ftp site. thanks

5430. Re: IC706 Yellow Wire Mod OK!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: Randall Rhea <randall>
Message-ID: <4aijl8$93c@news.informix.com>
Source record: 208906

```
> "OUT-OF-BAND RECEIVE MODIFICATION
> "A factory approved receive modification is enclosed. It's very simple,
>just cut the yellow wire (of course wire colors may change in the future,
>so it's best to locate the proper wire with the schematic drwaingt, just
>to be safe.
> "This modification substantially improves the FM VHF out-of-band
>receive performance. However, you may notice some diminished sensitivity
>on VHF WFM broadcasts.

This mod wrecked my ability to receive aircraft and the FM BCB.

You alsoneed to run a wire from your cut yellow wire to the PCB hole just
to the left of jack J8 on the back of the rig. On the bottom PCB, you will
see five tiny transistors located just behind the MENU button. Look
at the middle transistor. Follow the trace from the transistor to the
hole next to J8. You need to solder a wire to this hole, and run the wire over
to the other side of the rig, and attach it to the yellow wire you cut.
Then the rig will receive well on most of the VHF range (from 60 MHz
up to about 162 MHz.)

Be very careful doing this. Use a low-wattage soldering iron and be
careful not to damage any other wires or PCBs. I have tried this, and
it works, but proceed at your own risk. An improper mod can damage the
radio.

--

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
Randall Rhea Systems Engineer
Informix Software randall@informix.com
```

5431. Re: TNC to Realistic hand-held?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: danb@a.crl.com
Message-ID: <30ccde06.14112364@nnrp.crl.com>
Source record: 208907

droll@cableregina.COM (David Roll) wrote:

> purchasing a Realistic HTX-202 VHF handheld transceiver. I would like to
> get into packet radio on a low end, so my question is, is it possible to
> hook a standard TNC into this hand-held? Also any other infromation on this

Yes, it's possible. The KPC-3 includes a diagram for wiring
the cable, or you can buy pre-wired cables. I understand that the
range is very limited, though. An external antenna should help.

--
Dan Brown, KE6MKS
danb@a.crl.com, NOT danb@crl.com
Don't tread on me.
E-Mail published at my discretion.

5432. Re: ICOM IC-720A Questions...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: lanceh@a.crl.com
Message-ID: <4aipuf$k93@nntp.crl.com>
Source record: 208908

In article <4ah273$s2g@news.voicenet.com>,
Ray Wilson <n3rkh@voicenet.com> wrote:
>Folks, I just got an IC-720A in a trade. Does anybody have any words of
>wisdom concerning this radio? Tips on operation, etc? The radio seems
>to be in pretty fair shape, so hope fully it doesn't need too much work.
>Is the radio worth putting any money into, say returning it to ICOM for
>grooming, and possibly some corrective maintenance?

I too have a 720A and it had been very good. I checked with Icom about returning it for alignment and was advised I would probably spend between $100 and $200. I decided to use it as is, and don't regret it. Also, there are a couple of parts that are no longer available, so you don't want to invest too much in it. I believe that bandswitch relay and the microprocessor are on the endangered species list.

Lance Halle KC7FVX

5433. Re: USA Ham Suppliers-sell to Europe?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: kirby@skypoint.com
Message-ID: <4aiq1k$oqe@stratus.skypoint.net>
Source record: 208909

Check out the home page for Radio City Inc. http://www.radioinc.com .
Catalog can be downloaded in 10-20 minutes. The specials page takes less
the one minute!!

Yes they do sell and ship to Europe!!

73's

Kirby KA0ZTS

5434. Ten Tec Centurion Amp Comments

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4alcj3$mmt@newsbf02.news.aol.com>
Source record: 208910

Any owners former owners, or users of the Ten Tec Centurion Amp:

I am seriously considering this amp for several reasons, but have never seen one. Can you give me any comments? I really like a quiet shack - how about blower noise, relay noise, etc.?

Thanks for your help and 73 de John, WA5TWL....

5435. TS 830 forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: timtoot@roo.netrax.net
Message-ID: <4al2vd$2o2@degas.ICSI.Net>
Source record: 208911

- -
!
!
!
!

5436. Any Infos About DJ-G5 ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: xjanda@cs.felk.cvut.cz
Message-ID: <4ak22o$1d7@ns.felk.cvut.cz>
Source record: 208912

Hello,

I would like to bye a new dual band HT. I heard about new model from Alinco
DJ-G5.
I would like to know some informations about this handheld.
For Example:

speed of scanning in memories (DJ-G5/TH-79 => DJ-G5 faster ??? etc.)
Is possible extending for 300/800MHz (Europe version) ???
Possibilities in frq extending (108-174....) ???
Can DJ-G5 scan tones. Is in standart equipment CTCSS module ??? or only
CTCSS encoder ??? and CTCSS decoder is optional ?

Yes, I know, I have many questions about this new dualband, but I would
like to buy something better than my old TH-79E.....

Thanx a lot, c u l8r

Jiri Janda, OK1XRF
Student of Czech Technical University in Prague
e-mail: xjanda@cs.felk.cvut.cz
berucha@k332.feld.cvut.cz

5437. Re: TS-830S Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: Steve Forcht <sforcht@westonia.com>
Message-ID: <DJH94H.8JA@westonia.com>
Source record: 208913

Lloyd:
Send me your address and I will send you a copy of what you need.
Another pages needed?

Steve VA3SF

sforcht@westonia.com
va3sf@amsat.org

5438. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: ssampson@icon.net
Message-ID: <ssampson.36.000706A3@icon.net>
Source record: 208914
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

gregkopp@en.com (Greg Kopp) writes:

>Have you ever bought anything from Oklahoma Comm Center (1-800-765-HAMS)??

>I'm looking at buying a radio mail order from them. They are $30 cheaper
>than most other stores with free shipping and I'm not sure of thier
>reliability.

They are WAY up on the north side of OKC (maybe even Edmond) and I'm way down
on the south side. But I've bought several things from them, no problem.
They have a small display area, but are basically geared to mail order.
They've been in business for a few years now. They try to stay competitive
even when Hams want the wholesale price. I've seen em sell a radio for
five bucks over wholesale. I guess there's money in volume...

5439. Re: Computer noise..... HELP!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: morris@grian.cps.altadena.ca.us
Message-ID: <1995Dec12.112307.20359@grian.cps.altadena.ca.us>
Source record: 208915

Maybe these postings should be collected in a computer noise FAQ?

In article <01HYHMLQECG200DMXW@uthscsa.edu>,
MUENZLERK@uthscsa.EDU (Muenzler, Kevin) wrote:
[
[My only suggestion is to put the antenna(s) as far from your
[computer/shack as possible. That is the only way I was able
[to cure my computer noise problem. Also, make sure that your
[rig is grounded well. Be sure that your cables (video, printer...)
[are of the shielded variety.

Unfortunately long feedlines cost power and received signal strength,
esp. at UHF.....

First, try and isolate the noisy box. I found the most noise in my
situation was coming from the monitor, second most from the keyboard.
I discovered this by turning the monitor off with the system running,
and simultaneously listening to the RX. Also, unplugging the monitor
video connector from the computer while it was running is a good test.

My monitor was quiet when it was on, and the computer off - don't laugh,
todays microprocessor controlled monitors (like the NEC 4FG) can make
RF noise by themselves.

I made a noise sniffer by taking a piece of RG58, stripping back the
shield 3" and putting a piece of heat-shrink over the exposed area.
I used this for an antenna, and used the RF gain control to help me
zero in on the noisy areas in the equipment.

My printer didn't add any noise by itself- I was lucky. A friend
discovered his printer threw birdies all across 20m and 15m. By
accident he discovered that an identical printer was quiet (his
brother broke a tractor, and they swapped printers while he fixed
it - the swap became permanent after the discovery. It helped
that brother wasn't a ham). Unplug cards individually - you may find
that your sound card is the bulk of your noise, or maybe one brand
of video card. One off-brand no-name 3.5" floppy drive trashed 2m SSB
for one friend - changing to a different band solved that problem.
Strip your sysem down to a motherboard and power supply then turn it
off and on. Check for noise. Add the video card. Check for noise.
Add the monitor, with the monitor power off, check for noise. Turn
the monitor on, check for noise with the computer off and on.
Add the disk controller card. Check for noise. Add the floppy drive,
sheck for noise. Add the hard disk. Check for noise. Add the keyboard,
checlk for noise... get the idea?

I took the back cover off the monitor and poked around to find the noise generator. To make a long story short, I found that 90% of the noise was coming from wire that fed the video signal from the circuit board to the control grid of the picture tube. I replaced it with a piece of RG-174 coax, with the shield grounded on both ends. Spraying the inside of the monitor case with conductive paint ("Aquadag" is one name for it) helps, as long as you can figure out a way to make sure it gets grounded when you put the cover on. Putting copper screen over the vent grilles may help - I got some at the local model railroad shop - I have no idea what they use it for...
The rest of the monitor noise was cured by stripping some braid off some old RG-8 and fitting it over the video cable from the monitor to the computer. It took two layers, as the shield isn't 100%. Ground both ends. My other monitor has a shielded cable already- so check yours, this step may be a waste of time. On the other hand, the other monitor had a non-metallic shell on the plug, and the briad wasn't grounded on the computer end. Changing the shell out was needed on that monitor.

The keyboard noise was more troublesome, as the sniffer revealed that much of it was coming from the hole in the case top that the keys fit through. Using a scope I discovered that the scan signals were very sharp square waves. A few very small capacitors from the junk box (in the 10-20pf region) across the address and data lines of the microprocessor in the keyboard knocked down most of it. I normally don't recommend trying this, as the processor can be easily screwed up by capacitance, but I paid $28 for the keyboard new, and figured that if I destroyed it I'd only be out $28 for a new one. On this keyboard adding braid over the cable didn't help - and it made no difference if one end or both were grounded (I cut away a 1/4"x1/4" of the molded rubber and soldered the shield to the plug shell to ground that end). Rounding off the square wave edges with the capacitors did more good.

Covering up the empty slots on the back of the case helped a LOT. Adding braid over the printer cable helped get rid of noise that shows up while printing- ground on both ends. Note that some DB connector shells are non-metallic plastic, others are plated plastic, others are real metal. Buy the real metal ones if buying new cables. Inmac has excellent shielded cables - but they are pricey.

Beware of external tape drives, hard disks, CD-ROMS, etc. Many of them have high speed data cables connecting them to the computer. If you are going to buy these, buy internal versions of them. Even if you end up buying a new mini-tower or full tower case and rebuilding your computer from a desktop case. If you are building a new computer for the shack, get a case with twice as many drive holes as you think you will need. I've had the same tower case on 4 different motherbaords and 6 different drive configurations since 1990 (hint: cases don't wear out - buy a good one). Sometimes some creative purchasing can sidestep that problem: a friend had two 5.25" hard drives and wanted to add a CD and a tape backup - and was going to have

to get external versions of them. He ended up purchasing a 3.5" hard drive to free up two 5.25" drive bays, and mounting the new drive "creatively" on a home-made bracket made by bending up a metal shingle. Newer cases have blind drive bays for hard drives, his didn't.

Sometimes it isn't the computer that makes the noise. One problem system was making noise when the user was running traffic on 20m cw (full break-in), but was quiet during receive. Testing it on my bench revealed it wasn't the computer. Taking my coax sniffer over to the victim's house revealed it was the bells-and-whistles digital telephone (the kind with autodial memories, etc.) that had problems with RF. Adding a few toroids to the handset cord jack and to the phone line jack made the phone happy. Or we could have swapped it for an old AT&T / Western Electric phone. Note that the phone was working fine, and exhibited no squirrely tell-tales while it was radiating...

Sorry about the length of this posting... just thought I could help.

de WA6ILQ

--

Mike Morris morris@grian.cps.altadena.ca.us
#include <disclaimer.std.h> I have others, but this works the best.
This message assembled from 100% recycled electrons (and pixels).

5440. Re: 6146B replacements

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: r390a@aol.com
Message-ID: <4ali1h$ph5@newsbf02.news.aol.com>
Source record: 208916

I wish that someone would come up with a replacement for the Drake tubes...the ever popular 6JB6.....happy holidays, Bill

5441. Re: Results:survey of factory repair times

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: ctbaker@taco.engr.ucdavis.edu
Message-ID: <4aitqv$47j@mark.ucdavis.edu>
Source record: 208917

Well I just sent my F-51R radio to Yaesu to have the 15 Khz Update done and got a postcard saying it would take them 2 weeks to do it... when I called them on the phone I was told they have a 5 day max turn around.

Oh well...

Chad

5442. Re: SGC SG-2000 "PowerTalk"

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: zielke@fozzie.muppets
Message-ID: <ZIELKE.95Dec12180217@fozzie.muppets>
Source record: 208918

> The new SGC SC-2000 "PowerTalk" appears to be one of the best things to
> come down the pike in a long time. However, I have yet to see one of them
> as there are no stocking dealers anywhere on the East coast (SGC tells me
> that there are only three right now and they are all in California) and I
> don't know anyone who has one.
>
> Does anybody have any experience with this rig?
>
> Thanks...

**********Radio**********

Not directly with the "PowerTalk" front end, however, I purchased the SG-2000 with their tuner for under $1500 new from JSI and it was drop shipped from SGC.

Being that I am both a Ham and a Sailor who wants to use the Marine frequencies the fact that the SGC is type accepted for the Marine service was a very important consideration.

At any rate, thoughts about the radio. Prior to purchasing the radio I was rather concerned about the 100hz frequency step size. There is no way to slew the radio in between the 100hz steps. For voice use (which is what I have been doing thus far) it has really not been a problem at all.

The display is very nice and easy to read, the front panel is more intuitive than I originally expected. The layout of the numbers is

1 2 3 4 5
6 7 8 9 0

which I thought might bother me but it turns out not to be a problem. The biggest problem I have with the front panel is that when you hit the frequency change and start moving with the up/down arrows, if you stop for more than about 10 seconds the control parameter reverts back to volume control. This can be truely annoying when looking for signals in the ham bands but is fine for wandering around the Marine SSB bands.

Keep in mind that this is with the older style front panel. I am considering upgrading to the new PowerTalk front panel, mainly for the knob!

I have been inside the unit for some minor modifications (they have installed a filter to get rid of the AM broadcast band to prevent interference which they provide a simple mod to remove) and the rig is very nicely built. While it is all surface mount it is layed out very cleanly and with lots of space. Repair of this unit should not be that difficult. They do provide schematics in the manual as well as detailed tuneup

instructions.

One interesting feature is that the Rig can handle up to 9 (if I remember correctly) control heads. Any number of these can be computers as the link between the control head and the main radio is via an RS422 link, 3 (or was it 4) dc control lines, and two audio lines.

The memory system works nicely and has 650+ preprogrammed frequencies and then you can add 100 more of your own which include information about USB/LSB, mode, etc. My only complaint is not storing the status of the attenuator and noise blanker. I find that listening to the BBC on 7320 tends to need the attenuator in the loop to get the signal strength down.

I have found that another local transmitter which is within 3khz causes some reciever noise and that a local reciever (i.e. 200 ft away) tends to hear a bit of 'motor boating' when there is no audio comming into the mike, i.e. mike down but no audio input but if there is any audio signal at all it goes away. This may be an interaction of the compression algorithms. I have never heard anyone note it except the one ham which lives within 200 ft of me. It seems to be many db down.

The rig seems to be rather immune to noise on the DC circuit (I live on a 35' sailboat and the rig gets power right off the main buss panel), inverter noise, fluorecent lights, etc don't seem to cause any trouble.

**********Tuner**********

The SG-230 tuner is a complete success!!! It is the most wonderful piece of e a person could ask for. Currently it is managing to tune the entire rig of the sailboat as a loop antenna. I simply disconnected the ground to the backstay and connected the ground to one terminal of the SG-230 and the RF terminal to a wire off the backstay down below decks. I have talked to other boats as far away as the Azores and Columbia without difficulty.

The nice part about this tuner is that it has a frequency counter which samples the input signal, if the signal is one which it has seen before then it switches in the correct signal, checks the swr and if all is fine returns the 'tuned' signal. If it is not, then it goes through an algorithm which takes about 2 seconds worst case to find the correct match. Very impressive. If it is a frequency which it has seen before it takes about 20ms for the match to occur.

If you have any additional questions about either of these pieces of hardware, please let me know. If anyone has direct experience with the 'PowerTalk' option I would love to hear from them.

David Zielke
zielke@lcp.nrl.navy.mil

5443. Re: SGC SG-2000 "PowerTalk"

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: larryp@cprinc.com
Message-ID: <4akkq4$n99@canton.charm.net>
Source record: 208919

zut@cais.cais.com wrote:

>The new SGC SC-2000 "PowerTalk" appears to be one of the best things to
>come down the pike in a long time. However, I have yet to see one of them
>as there are no stocking dealers anywhere on the East coast (SGC tells me
>that there are only three right now and they are all in California) and I
>don't know anyone who has one.

>Does anybody have any experience with this rig?

>Thanks...

I received my "Power Talk" remote control head last week and installed
it on my boat. It works great, and performs as advertised .
I am very pleased with the SGC2000 and now the "Power talk" head!!
Purchased it from Ocean Outfitters in Annapolis MD. (410) 267-0021

5444. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: Jerry Kreifels <Jerry_A_Kreifels@ccm.hf.intel.com>
Message-ID: <4ak8da$pq7@mcd1.fm.intel.com>
Source record: 208920
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

gregkopp@en.com (Greg Kopp) wrote:
>Have you ever bought anything from Oklahoma Comm Center (1-800-765-HAMS)??
>
>I'm looking at buying a radio mail order from them. They are $30 cheaper
>than most other stores with free shipping and I'm not sure of thier
>reliability.
>

I've dealt with OCC on 3 occaisions, beginning about Sept. 1994. I have no complaints with them. I can't speak about return policies or anything, since I've had no need to return, but I'd encourage you to buy from there.

73, Jerry

--
Jerry, KO6JV (Sacramento CA area)
Jerry_A_Kreifels@ccm.fm.intel.com
"My opinions, not my employer's."

5445. NS1R's Dubious Icom 706 VHF TX Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: leigh@rain.org
Message-ID: <4aj1e2$rva@news.rain.org>
Source record: 208921

Well, it look's like NS1R's claim of seeing an Icom bulletin
mod sheet with extended VHF TX for the Icom 706, is dubious.
Tonight on Packet he put out the following message stating:
"I DO NOT HAVE the extended VHF TX MODE" (sic) for the Icom
706. This totally contradicts his messages of a few days
earlier.

Something is very flaky here... sorry to have
reposted his misinformation on Internet. --Leigh/KM6JE.

From: NS1R@KA1TUZ.FN42JH.MA.USA.NOAM
To : QUERY@USA

Hi, I got the Icom 706 TX mode for 1.8 to 54 MHZ. Simply remove diode #59.

I also have the mode for vhf restored sensitivity (135 to 175 mhz).
Simply cut Jumper #4 (yellow wire) on the bottom of the radio on the
"POWER OUTPUT DECK".

I DO NOT HAVE the extended VHF TX MODE FOR OUT OF USA 2 meter band. I
know this is possible because I have heard several other hams talking
about it but I need to know. I have heard a rumer (semi reliable) that
Removing Jumper #60 that is right next to Jumper #59 on the top of the
main PCB and cutting jumper # #W4 which is just inbetween #D57 and D72
on the Main PCB (center of pcb).

I want to hear from anyone that has done this succesfully befor I
undertake the mod. I am possitive that this mod exists . Salesmen at
the local Ham stores find it easy and safer (want to keep their jobs)
by simply denying that there are modes when they have done them
themselves!!! DO NOt take their word for it! STEVE NS1R
@KA1TUZ.#EMA.MA.USA.NA

*** END OF MSG # 44350 from NS1R @ KA1TUZ.FN42JH.MA.USA.NOAM

5446. TR2500

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: Peter Hopmans <pe1pfy@wirehub.nl>
Message-ID: <30CD082B.429C@wirehub.nl>
Source record: 208973

Hello,
I searching for the manual of the handheld Kenwood/Trio TR2500 .
thanks, Peter. PE1PFY.

5447. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: mennamor@ix.netcom.com
Message-ID: <4aipmi$mh7@ixnews6.ix.netcom.com>
Source record: 208974

Ed and James,

In reality, it is only necessary to sample at 2 times the INFORMATION bandwidth. SO... with the IF of 9 MHz and an audio (assuming something like SSB or AM or CW) bandwidth of a few kilohertz, you would only have to sample (theoretically) at 2 times that bandwidth. Now, this is how we implement modems that run at IF's of 70 MHz and sample at only 10-20 MHz, with data rates of up to 128 kbps. The tricky part is sample such that IMAGES of the IF do not fall into the passband of the 'sub-sampled' signal. (This is called sub-sampling by the way). For audio signals like SSB etc, you could sample at a few MHz, then decimate to several 10's of kilohertz (like 10-20 kHz) and do all the audio recovery/processing with a simple (Analog Devices type)DSP chip. By the way, sub-sampling also gets you a 'free' down-conversion too!

I am surprised no Ham gear is built this way yet. It has become very inexpensive. Almost all satellite comm gear is now built this way. I have built a complete satellite modem for about $500 (tx and rx). This would be much less expensive with a 9 MHz type system.

Mark Ennamorato

In <Pine.BSD/.3.91.951207205642.9319B-100000@matrix.eden.com> "Edwin J. Bailen (& sometimes Irene Beattie)" <n5kzw@eden.com> writes:
>
>On Mon, 4 Dec 1995, James Mills wrote:
>
>> Date: Mon, 4 DEC 1995 11:35:08 GMT
>> From: James Mills <jmills@.MISSING-HOST-NAME.>
>> Newgroups: rec.radio.amateur.equipment
>> Subject: Re: Limits to DSP?
>>
>> >Suppose we wanted to do DSP at a "real" IF, say 9 MHz.
>>
>> Well, Nyquist's Theorem states that maintain the information conteained in your
>> real-time signal, the discrete time signal must have a minimum sample frequency
>> of double, ie 18 MHz. However, the greater the sample frequency the greater the
>> resolution, a practical solution would be three times, ie 27 MHz.
>>
>> Yours
>>
>> James Mills

>>
>> jmills@ee.ucl.ac.uk
>>
>>
>>
>You may be more limited by the ADC sampling rate. I think the
military
>is using saphire substrates to implement complete digital IFs. Under
>that scenario, additional DSP functions are free.
>
> Ed Bailen -- N5KZW / Irene Beattie -- KA5DYF
> His religion? Geek Orthodox!
>

5448. Motorola Maxtracs Lowband(6meter) Mods wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: bill@comm-data.com
Message-ID: <4ak8ur$30h@news4.digex.net>
Source record: 208975

Does Anyone have or know how to modify the LowBand Maxtracs to cover
the 6 meter band. I have A maxtrac, but the highest it will go
it 51.995 Mhz. The radio takes the freqs into memory, but will not
x-mit. Please e-mail responces.

73,

Bill,
KA3MFN/4

5449. Re: ACC Controller Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4ak8kl$qq6$1@mhafc.production.compuserve.com>
Source record: 208976

Did you check the Control RX COS/PL as I suggested on COmpuserve?

That would be my guess....the dip switch for the COS sense could
be flaky or it got programmed wrong ....(dont recall if the 85/96
used programming or dipswitch sensing on the COS logic)

73
Chris

--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT PG-9-5322 FCC Commercial

5450. Re: Wound Care & Pulsed HF High Power Electromagnetic Energy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: tgriff@ix.netcom.com
Message-ID: <30cdc496.21509014@nntp.ix.netcom.com>
Source record: 208977

w8jitom@aol.com (W8JI Tom) wrote:

>In article <30c993e6.12059442@nntp.ix.netcom.com>, tgriff@ix.netcom.com
>(Tom Griffin) writes:

responded to via email

5451. Ham stores/Chicago, 500W dummy load

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: gwilliam@xnet.com
Message-ID: <4akgih$j98@flood.xnet.com>
Source record: 208978
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc

I am a non-ham who needs to buy a 500 W dummy load (for 13.56 MHz, preferably with a BNC connector) for an experiment in an industrial setting. Needless to say, I need this soon (like tomorrow). Can anyone tell me a ham store in the Chicago area (North/West would be preferable but not required) or a mail-order outfit that would be able to supply this item quickly? Alternatively, does anyone in the Chicago area have one that they could lend (rent) to us for a few days? Although it might be possible to build a dummy load relatively simply, I would prefer not to do that for reasons of repeatability (we may need to repeat this experiment in another location with different equipment at a later date.)

Any help would be appreciated.

Jeff Gwilliam

5452. TS-830S Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: lloyd korb <korb@xraymkt.picker.com>
Message-ID: <1995Dec12.181734.14842@picker.com>
Source record: 208979

Thanks to everyone who responded to my request for information in
the TS-830 Service Manual

73, Lloyd K8DIO

5453. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: rwa@cs.athabascau.ca
Message-ID: <4aklh6$j5j@aurora.cs.athabascau.ca>
Source record: 208980

James Garland <garland@ohstpy.mps.ohio-state.edu> writes about a microprocessor controlled project featured in QST for which the source of the controlling programme isn't available. He isn't impressed. I'm not either. The article is only half a project. I guess I'm not going buy the kit. I hope the people at QST interpret that message properly.

Another question is: what does the author think he's protecting, anyway? His app code is intimately tied to the hardware. It isn't the least bit portable; it's worthless without the rest of the tuner. A copyright notice with a restriction on commercial use ought to more than protect any future non-amateur return the author might achieve, IMHO.

(I'll add in passing that the programme probably isn't any great big deal either. I've owned two autotuners, and they solve the autotuning problem with about a half-dozen $0.15 opamps. The manufacturer included a full schematic with each one, too.)

regards,
Ross ve6pdq
--
Ross Alexander, ve6pdq -- (403) 675 6311 -- rwa@cs.athabascau.ca

5454. Motorola MCX-100 programming

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: hcooper@vidiot2.corp.es.com
Message-ID: <4akn6u$39u@vidiot2.corp.es.com>
Source record: 208981

I have a Motorola MCX100, a 16 channel VHF mobile, that
requires a prom to be burned with the programming data.
I have an "instruction" sheet, so most of it I can
figure out, but the info on setting up the channels
to scan is pretty sketchy. I dumped the existing prom
contents (but lost them when I tried to go from the
Unisite to a floppy - didn't set 'b') in hopes to get
some usefull data. I'll have to pull the prom again
and read it, again.

So, does anyone have a little program already done that
sets the bit pattern so scan can be enabled on all the
channels ?

If, and when, I figure it out, I'll post the results for
all that care.

73

hcooper@es.com

--
Harrison Cooper	email : hcooper@.es.com
Hardware Design	Phone : 801-588-7929
Evans & Sutherland Computer Corp.	Radio : N7KST 147.04 R,
Salt Lake City, Utah 84158	1G617 Davis County ARES 147.42 S

5455. Re: ICOM 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4akod8$ut7@crow.cybercomm.net>
Source record: 208982

David Sorrel <dsorrel@omen.com.au> wrote:

>mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.) wrote:
>>I don't have, have never seen a 706. However, let's use a little common sense
>>here.
>>
>>On 4 Dec 1995 13:20:05 GMT, "Gary P. Fiber" <gfiber@halcyon.com> wrote:
>>
>>> The IC-706 does have a CTCSS tone encoder built into the radio, how ever it
>>> comes with the HM-103 mic which does NOT have DTMF tones. If you reqiore
>>> DTMF then you purchase a HM-77 mic and run the compressor in FM as to get
>>> the DTMF level jigh enough to operate the repeater, or remove the backof
>>> the mic and adjust the DTMF level.
>>
>>If you adjust the level in the microphone, the encoder is IN THE MICROPHONE!
>>It is highly unlikely they would have the encoder in the radio and then run 8
>>wires just for the pad to the radio. That hasn't been done since Galena! You
>>would also have to run at least 2 wires from the pot to control the level.
>>C'mon, folks, THIMK!
>>
>>By the way, let's take this to the right newsgroup. Please?

>Well Gary you may have stuffed your foot in it here. Note the difference
>between CTCSS and DTMF. Most newer radios have a CTCSS encoder if they
>cover 10M so they can access 10M FM repeaters. And the 706 does.

>DTMF is something else. Icom makes a microphone with DTMF encoding
>(only). This will allow the 706 to transmit DTMF codes for the repeaters
>that need it. But the 706 cannot decode CTCSS or DTMF off the shelf. So
>Mr Fiber is correct.

>Regards
>David
>VK6VW

What does he mean "take to the right newsgroup"? What's
wrong with discussing equipment on the equipment group?

Steve, WA2NHZ

5456. Stolen Yaesu FT-415 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: Your Name Here <your@email.address.here>
Message-ID: <4akqsr$fl9@canyon.sr.hp.com>
Source record: 208983

Thank you for reading this. I hope you can help me recover
my HT.

Someone stole my 2 meter radio. Please keep a look out for
my Yaesu FT-415 with serial number 1K-040411. If you come
accross this radio please call me, Sal, at 707-577-2791 or
send me an Email at "Sal_Caruso@sr.hp.com".

Thank you for reading this.
Sal Caruso
KC6WTO

5457. Stolen Yaesu FT-415

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: Your Name Here <your@email.address.here>
Message-ID: <4akr81$ghe@canyon.sr.hp.com>
Source record: 208984

Help, Help! Some theif stole my HT. It was in my breif case in my
car. Someone broke into the car and took off with the radio. It
is a Yaesu FT-415 HT. It's serial number is 1K-040411.

This has been a great radio. I am lost without it. Please help.
If you hear anything about this please call me, Sal, at 707-577-4905
or Email me at "Sal_Caruso@sr.hp.com".

Thank you for reading this.
Sal Caruso
KC6WTO

5458. Qs about station RF grounding

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: Bruce_Kay@Brown.edu
Message-ID: <Bruce_Kay-1212951733030001@uhuru.cog.brown.edu>
Source record: 208985

I am trying to set up my shack, and seem to be running into some RF ground problems. I've got about 20 ft. of 10 gauge copper wire running out of my basement to a ground rod right outside the window (same rod used for the house's electrical system). In the shack, this is connected directly to my antenna tuner and thence to my rig (Kenwood TS-520 soon to be a TenTec Corsair II).

Am I doing something stupid here?
What do other people use?

Any comments appreciated.

73,

Bruce, N1LLT

--
Bruce Kay, Dept. of Cognitive and Linguistic Sciences
Brown University, Box 1978, Providence, RI 02912
401-863-2608 Bruce_Kay@brown.edu

5459. Re: 6146B replacements

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4akc2r$fsf@crash.microserve.net>
Source record: 208986

degreene@heurikon.com (David Greene) wrote:

>My Kenwood has 6146B tubes in it for finals. Are the 6146W tubes a
>good replacement for the 6146B tubes?
>
>Are they "electrically" equivalent?

No, they cost more and have a lower plate dissipation rating. The "W"
is a ruggedized version of the 6146A that became available before the
6146B was introduced. They were factory-installed in Collins
equipment and are often purchased as replacements for that use.

73,
Jack WB3U

5460. Re: Computer noise..... HELP!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4al0p3$ut7@crow.cybercomm.net>
Source record: 208987

morris@grian.cps.altadena.ca.us (Mike Morris) wrote:

>it gets grounded when you put the cover on. Putting copper screen
>over the vent grilles may help - I got some at the local model railroad
>shop - I have no idea what they use it for...

>de WA6ILQ

>--
>---
>Mike Morris morris@grian.cps.altadena.ca.us
>#include <disclaimer.std.h> I have others, but this works the best.
> This message assembled from 100% recycled electrons (and pixels).

Usually used for making scenery, mountains etc...cover screen with
plaster of paris, wall compound etc...then paint etc..
I love model railroads..

Steve, WA2NHZ

5461. TS 830 forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: timtoot@roo.netrax.net
Message-ID: <4al1ph$2o2@degas.ICSI.Net>
Source record: 208988

- -
!
!
!
!

5462. TS 830 forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: timtoot@roo.netrax.net
Message-ID: <4al2cq$2o2@degas.ICSI.Net>
Source record: 208989

```
Kenwood TS 830 x-cond. 8kc split nonsmoker $600

e mail to timtoot@sun-link.com

--
!
!
!
!
```

5463. Re: ICOM 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: David Sorrel <dsorrel@omen.com.au>
Message-ID: <4ail8p$6pg@hades.omen.com.au>
Source record: 208990

mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.) wrote:
>I don't have, have never seen a 706. However, let's use a little common sense
>here.
>
>On 4 Dec 1995 13:20:05 GMT, "Gary P. Fiber" <gfiber@halcyon.com> wrote:
>
>> The IC-706 does have a CTCSS tone encoder built into the radio, how ever it
>> comes with the HM-103 mic which does NOT have DTMF tones. If you reqiore
>> DTMF then you purchase a HM-77 mic and run the compressor in FM as to get
>> the DTMF level jigh enough to operate the repeater, or remove the backof
>> the mic and adjust the DTMF level.
>
>If you adjust the level in the microphone, the encoder is IN THE MICROPHONE!
>It is highly unlikely they would have the encoder in the radio and then run 8
>wires just for the pad to the radio. That hasn't been done since Galena! You
>would also have to run at least 2 wires from the pot to control the level.
>C'mon, folks, THIMK!
>
>By the way, let's take this to the right newsgroup. Please?

Well Gary you may have stuffed your foot in it here. Note the difference
between CTCSS and DTMF. Most newer radios have a CTCSS encoder if they
cover 10M so they can access 10M FM repeaters. And the 706 does.

DTMF is something else. Icom makes a microphone with DTMF encoding
(only). This will allow the 706 to transmit DTMF codes for the repeaters
that need it. But the 706 cannot decode CTCSS or DTMF off the shelf. So
Mr Fiber is correct.

Regards
David
VK6VW

5464. Re: TNC to Realistic hand-held?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: cv282@FreeNet.Carleton.CA
Message-ID: <DJH9IH.L39@freenet.carleton.ca>
Source record: 208991

David Roll (droll@cableregina.COM) writes:
> I'm just starting to get back into radio, due to cost restrictions i'm
> purchasing a Realistic HTX-202 VHF handheld transceiver. I would like to
> get into packet radio on a low end, so my question is, is it possible to
> hook a standard TNC into this hand-held? Also any other infromation on this
> particular set-up or in general would be greatly appreciated.
>

The HTX-202 works very well with packet. I use it with the KPC-3. The
wiring is fairly simple, you will need to insert a capacitor and a
resistor in the wiring. All the instructions come with the KPC-3. You will
also probably need an external antenna for further range, and also to cut
on computer interference.

--

5465. Re: 6146B replacements

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: "George J. Molnar" <gmolnar@nexus.interealm.com>
Message-ID: <30CD981A.5C89@nexus.interealm.com>
Source record: 208992

David Greene wrote:
> My Kenwood has 6146B tubes in it for finals. Are the 6146W tubes a good
> replacement for the 6146B tubes?
>
> Are they "electrically" equivalent?
> Yes and yes. The 6146W will do just fine for you. FYI, the 6146B's in
there are replacements for the original S-2001A's, the Japanese version
of a 6146.

Happy radiating....

--
George J. Molnar
Highlands Ranch, Colorado
Packet: KF2T@N0QCU.#NECO.CO.USA.NOAM
http://www.interealm.com/p/gmolnar/index.html

5466. Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4ak5sr$oeo@pacific.mps.ohio-state.edu>
Source record: 208993

This month's QST features a slick microprocessor-controlled automatic antenna tuner. The design seems solid, and the price for the parts kit ($158) is reasonable. However......the article discretely mentions in a footnote that "the source code is not available," for programming the microprocessor. In effect, therefore, the article is simply a promotion for a antenna tuner kit, and not a do-it-yourself article.

I feel strongly that QST should not publish construction articles unless enough information is provided for readers to duplicate the project themselves. It is fine for an author to sell a parts kit with his article, but I do not believe proprietary information essential to completion of the project should be withheld. When lengthy software listings are involved, they should be made available on the ARRL Web Page or BBS, as in the excellent DSP kit by W9GR, a few years ago. I believe QST is setting a very unfortunate precedent with this article.

Jim W8ZR

5467. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: Bill Bennett <bb@tisc.com>
Message-ID: <4akcf4$sbh@taxis.corp.titan.com>
Source record: 208994
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

have purchaced a yeasu ft530
and a icom 706
and a yeasu ft2400
they were $30 less than the competition and exelent attitude
and for an additional $5 they shipped 2 day

5468. TS 830 forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: timtoot@roo.netrax.net
Message-ID: <4al3jn$4n3@degas.ICSI.Net>
Source record: 208995

I have a kenwood TS 830 for sale x-cond 8kc. split nonsmoker $600

KA3WED e-mail to timtoot@sun-link.com

--
!
!
!
!

5469. Re: TNC to Realistic hand-held?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: dara@physics.att.com
Message-ID: <DJHKuy.FrH@nntpa.cb.att.com>
Source record: 208996

: particular set-up or in general would be greatly appreciated.

Dave: yes, HTX 202's are used on packet by many. Follow the instructions
in your tnc manual for connecting to a Yaesu HT (not Icom!).

73 Shel WA2UBK

5470. Stolen Yaesu FT-415 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: Your Name Here <your@email.address.here>
Message-ID: <4akqo0$fl9@canyon.sr.hp.com>
Source record: 208997

Someone stole my 2 meter radio. Please keep a look out for
my Yaesu FT-415 with serial number 1K-040411. If you come
accross this radio please call me, Sal, at 707-577-2791.
Thank you for reading this.
Sal Caruso
KC6WTO

5471. Choosing 2 meter mobile unit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: chrisrosen@aol.com
Message-ID: <4akv8n$g0k@newsbf02.news.aol.com>
Source record: 208998

Anyone have any suggestions on which 2 meter mobile unit to purchase?
Please respond to e-mail. Thanks.
--ChrisRosen@aol.com

5472. TS-830 forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: timtoot@roo.netrax.net
Message-ID: <4aihua$lll@degas.ICSI.Net>
Source record: 208999

- -
!
!
!
!

5473. TNC to Realistic hand-held?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: droll@cableregina.COM
Message-ID: <199512120132.RAA20370@UCSD.EDU>
Source record: 209000

I'm just starting to get back into radio, due to cost restrictions i'm purchasing a Realistic HTX-202 VHF handheld transceiver. I would like to get into packet radio on a low end, so my question is, is it possible to hook a standard TNC into this hand-held? Also any other infromation on this particular set-up or in general would be greatly appreciated.

Thanks,
David Roll
VE5 ???

5474. Re: Icom 706 TX Mod for 135 to 175 mHz, cont.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4aik3i$kdj@crow.cybercomm.net>
Source record: 209001

The following looks almost like a packet message that appeared about a month ago on a local bbs...it was from I believe a South American station claiming the D59 mod is not the entire mod.and that a transistor and a trace cut was also needed for full change...This message was out before the 706 was available in the US..anyone else ever see that one? I wish I saved it...It might still be around..

Why would Icom make it that difficult or short-sited to hinder Mars members (myself) from making the mod? I don't have the 706 yet, but wasn't too concerned about the VHF because I thought the original 2 meter band had enough extra to cover the Mars freqs..Guess not!

I have no problem with smd's, but glad I don't have the radio without the schematics yet..I'll wait till it is available now..

Steve, WA2NHZ

> Sound Like this mod leaves you in the dark, cut trace???
>where ????,
>If any one gets this one right , let me know.
>Even FAX it to me and I will check it out.
>USA FAX# 310-813-9623 24hour FAX #
> For now, it seems incomplete , Cut trace ?????????
>73
>Mike
>IC-706 Owner
>See you on the Ham Bands
>respond via newsgroup
>ham-equip@UCSD.EDU
>on the Internet to this Subject below:
>Icom 706 TX Mod for 135 to 175 mHz, cont.

>or FAX me the Mod Sheet to the Number above.
>73
>Mike

>------------------------------

>Date: 10 Dec 1995 05:31:54 GMT
>From: leigh@rain.org (Leigh)
>Subject: Icom 706 TX Mod for 135 to 175 mHz, cont.

>Here is another Icom 706 TX mod bulletin, posted on Packet
>by NS1R. This one claims to have more info on the expanded
>VHF TX mod, with a claimed transmit range from 135 to 175 mHz.
>
>It is reprinted below, numerous typos included.

>
>(Could this be another hoax, as was the Radio Shack HT "April
>Fool's Day" TX mod? If anyone screws up their rig with this mod,
>I ain't responsible..)
>
>FWIW... --Leigh/KM6JE.
>--
>From: NS1R@KA1TUZ.FN42JH.MA.USA.NOAM
>To : INFO@USA

>Hi, I have been posting tx mod info on the ICOM 706 and have heard back
>from two people who work at ICOM USA. They are unaware of TECHNICAL
>BULLITAIN #711-1_ They UNOFFICIALLY said that removing DIODE #59
>restores transmit 1.8 to 54 MHZ and also you can open up the VHF
>SENSITIVITY on 2 meters from 140 to 174 by simply cutting "J4" on the
>"PA DECK". That is all they will confirm (UNOFFICIALLY". They said
>they have no knowledge of this technical bullitain 711-1_ .

>It appears to be an official Tech BUlitain to me. I have a photocopy.

>The additional items to in the Tech bullitain to restore out of two
>meter transmit are as follows (not endorsed or denied by icom USA):
>remove Diode #60 and cut the jumper next to it labled "W4". Then
>remove either (Q38 or R353 resitor) on the main PCB (about one inch to
>right of Diode #60. Then turn over the radio and cut a trace (You need
>picture of schematic to see clearly and install a jumper froM IC32 pin
>11 to the point where you cut the trace. This will restore transmit
>from 135 to 175 MHZ.

>I have not done the final modes as I said earlier by opening up the VHF
>side of the rig for receive You open it up for INTERMODE also!!! That
>is all for today NS1R STEVE

>*** END OF MSG # 43795 from NS1R @ KA1TUZ.FN42JH.MA.USA.NOAM

5475. Re: A Look at The Market Place

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4aik8r$kdj@crow.cybercomm.net>
Source record: 209002

"Robert A. Kile" <midnight@accessnv.com> wrote:

>This user group continues to have a somewhat narrow minded approach to current and more recent equipment. Here are some points to po=
>nder. Most of the equipment manufactured in the last ten years was and is very well engineered. The problem really being the manufac=
>turing processes and technology available at the time. To maintain a competively priced piece of equipment that is multi-featured an=

Hey Bob,

Interesting reading, but could you CR/return at 70 columns...

Thanks,
Steve, WA2NHZ

5476. Kenwood R5000 software

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: CParizot@world-net.sct.fr
Message-ID: <CParizot-1212950142430001@client4.sct.fr>
Source record: 209003

I am searching a macintosh software for a Kenwood R5000, and I have found only "FreqValet" is there another soft ?

Thanks

5477. Re: FT530 recharging of battery packs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-12 00:00:00 UTC
From: lanceh@a.crl.com
Message-ID: <4aipbu$k93@nntp.crl.com>
Source record: 209004

I have a few comments about the following excellent article. Just a
little clarification here and there.

>All types of battery packs are automatically
>recharged when connected to the transceiver and
>power is applied to the EXT DC Jack (J2004). It

Cells installed in the optional holder designed for non rechargable
batteries are not recharged to prevent dammage. That holder does not have a
charge contact.

Also, the comment was made further down that batteries should not be
recharged till they reach .8/cell. Modern NiCads do not exhibit much memory
effect any more. Unless the cells are discharged to the same point over and
over again, memory isn't a problem. It would not be recommended to put the
radio on charge every night, but neither is it recommended to waste battery
life by discharging un-necessarily. Also, it is not wise to discharge a "pack"
that has been sitting for a long time, or hasn't been fully recharged
recently. This can lead to reversing polarity on the lowest capacity cell, or
the one with the greatest internal leakage. Applying reverse polarity this way
can cause cells to short. An occasional full discharge down to built in shut
off voltage of the radio (.8 - 1. v/cell) is healthy for the pack, but ONLY
after a complete recharge at no more than 1/10c rate (14-16 hours). This
insures ALL cells are fully charged and "should" reach the .8v point at the
same time.

Another point is that while mild overcharge at the 1/10c rate will not
do any harm, it should be avoided whenever possible as overcharging causes a
voltage depression that "looks" much like "memory effect". Leaving the
batteries on a 1/10c charge for a day or so won't harm them, but avoid doing
it on a regular basis to insure maximum battery life.

My personal policy with all types of rechargable batteries is to
recharge when they no longer have enough energy to insure I make it to the
next recharge oportunity, or when planning an activity where I want to be sure
I have maximum power available.

Hope these points help, and thanks to the original author for the time and
effort put into the original, informative article.

Lance Halle KC7FVX

5478. Re: TV sweep tubes vs. RF output tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4ang98$3h21@ns1-1.CC.Lehigh.EDU>
Source record: 208855

In article <YEE.95Dec12191126@picard.mipg.upenn.edu>, yee@mipg.upenn.edu (Conway Yee) writes:
>Before solid state HF rigs came into being, some rigs were made using
>TV sweep tubes as the final. I read that TV sweep tubes had a number
>of advantages over RF output tubes but these advantages are never
>specified. Anybody know what they are?

Used to be an availability issue. TV sweep tubes were more readily available in the open market. Almost every neighborhood drug store had a tube tester and stock of tubes. However that advantage went the way of the buggy whip with the advent of solid state television. Sweep tubes have, on average, have a higher interelectrode capacitance than your typical power tubes. This results in lower power output at frequencies above 20 meters. For instance, the Drake T4/X with two sweep tubes in the final can outperform the TR4C transceiver with three sweep tubes in the final running the same input power level. Yet both rigs run 6JB6 sweep tube finals.>

73's Dick K8WHA
>
>--
>Medical Image Processing Group | 73 de Conway Yee, N2JWQ | DON'T
>411 Blockley Hall | EMAIL : yee@mipg.upenn.edu | TREAD
>423 Guardian Drive | TELEPHONE : 1 (215) 662-6780 | ON
>Philadelphia, PA 19104-6021 (USA) | FAX : 1 (215) 898-9145 | ME!
>

5479. Kenwood TS 830 forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: timtoot@roo.netrax.net
Message-ID: <4ankpt$f9r@degas.ICSI.Net>
Source record: 208856

- -
!
!
!
!

5480. Re: ADI AT-200 info

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Alan Johnson <kninectf>
Message-ID: <4amvu8$33i@Twain.MO.NET>
Source record: 208857

My wife purchased the AT400 for me for Christmas, same situation I can't play with it until then. There is a keyboard modification that will open both the 200 and the 400 up for expansion. I also suggest you call the folks at Premier and talk to them, they are the importer. They are very helpful.

73
Alan
K9CTF
kninectf@mo.net

5481. ICOM 2340

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: ftb@primenet.com
Message-ID: <4an2el$5pb@nntp3.news.primenet.com>
Source record: 208858

less than a year old has PL Enode/Decode function asking 400
dollars.radio is in like new condition.

--
---
ftb __ __ ____ ___ ___ ____
ftb@primenet.com /__)/__) / / / / /_ /\ / /_ /
/ / \ / / / / /__ / \/ /___
/---

5482. Re: TR7 Value ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4an77n$gdm@pacific.mps.ohio-state.edu>
Source record: 208859

In the U.S, a TR7 in good to excellent condition, with power supply and speaker, and remote VFO, goes for about $600. A TR7A is worth maybe an additional $100, Optional crystal filters are about $50/each. Local market conditions vary, so the value of a TR7 in Portugal might be far different (probably higher).

5483. Manual Needed DSA 5600A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Gerald Schmitt <kc5egg@eule.lanl.gov>
Message-ID: <4an3e5$dsm@newshost.lanl.gov>
Source record: 208860

Recently a local ham sold out his shack and moved to a rest home.
I bought from him a frequency counter by DSA model 5600A. I would
appreciate it if someone had a manual I could get a copy of.
DSA seems to be out of business and I hate to bother the seller
in the rest home. Thanks for any help and of course I will defray
copy and postage costs.

73 de Jerry

5484. Henry 2K-3 HF amp; adding 160 meter capability

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4anuoq$od3@newsbf02.news.aol.com>
Source record: 208861

I would like to add 160 meter capability to this amp. Any suggestions,
lessons learned would be appreciated.

Thanks de John, WA5TWL

5485. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "C. J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <30CF32B6.749D@aries.scs.uiuc.edu>
Source record: 208862

Paul H. Bock wrote:
>
> In rec.radio.amateur.equipment you write:
>
> >using the club magazine for free (not only free but he gets PAID for it). He
>
> Ummm, unless QST has changed its policy since I last published in
> it (admittedly a number of years ago), they *DO NOT* pay a cent to
> the author. CQ and 73 do, but not QST; all you get is a nice
> certificate (suitable for framing) signifying that you published an
> articlle entitled "Such and Such" in a certain issue.

You're right. I was guessing. Not that $100 or something similar would pay for the effort involved. I don't have any specific comments on the rest of the included text. I can see the valid points made. I guess I was mostly disappointed with what I felt could have been a real learning experience for myself. I built the SSTV interface board article a few years ago. Remember that he offered the software free to anyone who sent him a picture of their completed board. None of the parts needed to be bought from the author, most of mine came from Radio Shack including the blank pc board which I was surprised to find there. I'm not interested in SSTV, but I built it because the fellow did that, was so nice to do it that way, and for the experience. I sent a couple of pictures. I did however generate a lot of discussion on the air about it. Maybe it did him some good.

> This isn't a complaint against their policy, BTW; payment for
> magazine articles (and I've published in CQ, Broadcast Engineering, EDN,
> Electronic Design, Astronomy, Naval Institute Proceedings, etc.) is
> basically peanuts. If I cared about getting paid I'd write a book,
> but unfortunately I'm not creative enough to appeal to the average
> reader..... ;-(
>
> Regarding the article in question, before I'd build such a box
> I'd have to weigh the "value added" of what I might learn against simple
> need, and if simple need for a tuner was the motivation I'd have to
> weigh the cost of building (including my time) against just buying
> it. After 35 years as an electronics professional, just tossing
> together a bunch of parts on a board eats into time which could be
> spent more productively unless I'm learning something new in the process.
>
> Having said that, however, I feel bound to point out that there
> are those who could benefit from assembling such a "kit" because they lack
> experience in basic assembly techniques, and building such a "kit" from
> an article is a little more difficult than the usual "no brainer" kit
> with its step-by-step instructions (in fact, the best way to build a

> "step-by-step" kit successfulyy is to disengage one's brain; thinking
> too much can cause one to "create" problems where there wouldn't be any
> if one would just *follow the instructions*.)
>
> So, I don't see the article or the kit as "valueless;" neophytes
> in ham radio have to learn somewhere, and if they are essentially non-
> technical people to begin with (and many are) they need to start with
> "step-by-step" kits, then move up to "published article" projects,
> then on to true "do it yourself" endeavors. That way they *BECOME*
> more technical, and the hobby is the beneficiary.
>
> Failure to provide these intermediate steps would be like taking a high
> school sophomore who's never even seen a calculus or physics book and
> saying, "Today we're going to learn about Maxwell's Equations....."
>
> BTW, sorry I cannot post this, but my server only "does" e-mail so
> I had to reply just to you alone.

Here it is.

> Enjoyed the posts, tho.....keep up the good debates.....

Yeah. I knew that I was being inflammatory on purpose.

>
> 73,
>
> Paul Bock, K4MSG
>
> * Paul H. Bock, Jr. * Principal Systems Engineer
> (|_|) * E-Systems/Melpar Div. * Telephone: (703) 560-5000 x2062
> | |) * 7700 Arlington Blvd. * Internet: pbock@melpar.esys.com
> * Falls Church, VA 22046 * Mailstop: N203
>
> "What? Us, Interfere? Of course we're going to interfere!
> Do what you're best at, that's what I always say!" -- Dr. Who

Thanks for the thoughtful reply.
73, Chuck, KE9UW
--

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

5486. Re: IC-706 Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-1312951404190001@paul_nix.aud.alcatel.com>
Source record: 208863

Regarding his new IC-706 mobile installation, Colin Wright (AA0YT)
has written:

> Has anybody tried making a "extension cord" for the mike: a pair of
> RJ45's, a RJ45 cable splicer (i.e., two females), and eight-wire phone
> cable?

> Thanks!!
>
> Colin R. Wright, AA0YT
> aa0yt@mo.net
> http://walden.mo.net/~aa0yt

In the 'food-for-thought' category, I called Heil Electronics the
other day, as I'm building an interface to let me use their headset
with my new IC-706, and I have to build an adapter cable.

The lady at Heil (VERY nice; reminded me of the good folks at Tentec)
said that they're having a terrible time trying to find the right cable
that will accept the 'modular' telephone RJ-45 connectors (used on the
IC-706), that is shielded. She said they'd finally found that if they
keep the unshielded run VERY SHORT it works OK.

Heil says they also frequently find that using their microphone
elements with ICOM radios results in very low levels, ie. some form
of audio preamp is needed. Along these lines, I've taken a little
one OP-AMP mic preamp from the ARRL Handbook, and already have all
the electronic parts to build it.

One thing I realized, while studying the IC-706's schematic (I called
ICOM for one) ... although long-time ICOM owners probably all know it,
but ... ICOM has +8 Volts DC on their microphone line, to power the
built-in mic preamp that's in their electret microphones. They make
NO mention of this in the IC-706's Manual (only cautioning against
shorting the +8 VDC line that's available on the modular connector).
The +8 Volts in the IC-706's mic line comes off an internal +8VDC
regulator in the radio, through a 1 k resistor. While talking to Heil,
the lady there said they use a 0.47 microFarad DC blocking capacitor,
to isolate their dynamic microphone element from the DC voltage.

73

Paul Nix (WB5AGF)
e-mail: Paul_N_Nix@aud.alcatel.com

5487. Re: Results:survey of factory repair times

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4almte$s8r@newsbf02.news.aol.com>
Source record: 208864

Another thread for the 'factory repair' thread......

I had an Alinco DJ 580 which had an intermittent problem of memory dumping and display dumping. Sent it back 6 (Yes, SIX) times. On one trip, they swore that there was no problem and returned it to me after having performed an 'alignment and adjustment' at no charge to me. Well, same old sh*t. Sent it back to them. Called and verbally announced my disgust with them. Grant, the customer service rep (at the time, they seem to change) told me to settle down, that they would send me a brand new 580 to resolve the year long problem. Waited. No radio shows up. Call them back. Grant says that no more 580's are available, and would send me a DJ582 as a replacement. Waited. No radio. Called them back. Grant, (who, though cordial, is apparently a busy fellow, making all sorts of promises on the phone) said that his superior had vetoed his decision and that they had found a 580 to send me. Eventually, a different 580 (wrapped in a plastic bag) shows up via ups. No box, no accessories, no warranty, etc, etc,.....but at least it seems to work. I still use and enjoy my Alinco equipment (eight radios and lots of accessories) but I sure dread having to send anything back to them. Had I foreseen this years ago before investing so much $$$ in so much Alinco gear, I would have probably have chosen another system to use. My $.02 worth. YMMV.
Cordially:
Rick Crider
KD4FXA
Monroe NC

5488. Re: TS-120s fix

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <4alfrr$i21@bighorn.accessnv.com>
Source record: 208865

I did not see the original post. From comments it looks like problems with oscillation on 10-15 m. A quick fix would involve installing a .01uf bypass to end of bandswitch assembly to AVR line on adjacent plug. AVR is the top first wire on the three wire plug adjacent to TX/RX diodes and Bandswitch. This has been more reliable than from connector to ground foil on bottom foil side of RF unit.

73 Bob KG7D

5489. Re: Major brands factory repair time survey

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Jimmy D. Burrell" <jburrell@inst.com>
Message-ID: <4alg6a$9oe@felix.teclink.net>
Source record: 208866

I had to send my kenwood 732 back because of UHF receiver problems. It took
a MONTH!! This is my last kenwood purchase! I'm switching to YAESU.

5490. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: clifto@indep1.chi.il.us
Message-ID: <DJIIyr.Azq@indep1.chi.il.us>
Source record: 208867

In article <4a9i54$ouc@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>I have all Ford vehicles here, and the pumps are noisy in all of them. I
>added external RFI filters at the fuel tanks by using snap on chokes and
>.1 MFD bypass caps from each lead to the chassis on the supply side of the
>choke.

But at what location? Near the gas tank, or near the front of the vehicle?
I would presume the former; if so, how did you weatherproof the whole
thing?

--
Cliff Sharp There are days when no matter which
WA9PDM way you spit, it's upwind.
clifto@indep1.chi.il.us --The First Law of Reality

5491. Re: ACC Controller Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: jotterso@st6000.sct.edu
Message-ID: <4amibv$v3p@st6000.sct.edu>
Source record: 208868

>One of our club's controllers is acting up. It will not accept any dtmf
>commands either over the air or the phone line. Ont the air, it just
>passes the tones. We've tried a manual reset and a cold reboot. Anyone
>know how to resolve this?
>
>TNX
>
>Barry-KT4DQ

I cannot tell you how much this frosts me. If your group cannot troubleshoot the controller not responding to DTMF, then turn the repeater off and burn your licenses. How did you ever get that extra class license anyway?

Take out the schematics, get out your oscilloscope, and make sure that audio is getting to the dtmf receiver chip. ACC has used SSI-202 (Silicon Systems) and M-8870 (Mitel or Teltone). When a tone is received, the DV lead on the SSI 202 or the STD lead on the M-8870 should assert. If it does, then the problem is likely in the logic between the DTMF receiver and the CPU. If it does not assert, then the problem is in the DTMF receiver circuitry. Make sure that the 3.58 MHz oscillator (crystal attached to the dtmf chip) is running, and on frequency.

n1kdo/4

5492. Re: Yaesu FT-101F ?????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.91.951213021932.21999C-100000@freenet2.freenet.ufl.edu>
Source record: 208869

Hi Tom here... The Ft-101F is just the last version of that
same 101E model; before they came out with 101ZD models.... Its only
real <?> improvement I can remember was a better adjustable N.B., not
that it worked that much better.... The N.B. board had a different series
number an the rest of the boards were the same as any late model 101E.
Hope this helps.... <If memory serves me right it also didn't come with
11 meters in it, but neither did the last runs of the 101E>

De Tom KD4QHH

5493. Appropriate Post?? Help Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: rlubash@top.monad.net
Message-ID: <4amdi5$qmq@news.monad.net>
Source record: 208870

As the technical editor of 73 Magazine I will from time to time be looking for help with articles, technical drawings and product reviews. Since these will be payed by the job positions I was wondering if it would be proper netiquite to post these notices here?

Richard Lubash
Technical Editor
73 Amateur Radio Today
rlubash@top.monad.net

5494. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: tom.blackwell@ntpcug.org
Message-ID: <19951213.n283@ntpcug.org>
Source record: 208871

==========

KO> > However, AES down in Las Vegas has a person on staff named Squeak who
KO> > for my money is the sharpest, easiest to get along with ham radio
KO> > sales person I've ever had the pleasure of dealing with. If you have
KO> > a question that Squeak can't answer, you've got yourself one hell of a
KO> > question.
KO> > Jim
KO> I second that. I've bought a lot of stuff from the Las Vegas AES and
KO> they`ve been very helpful and curtious.
KO> Kory
KO> KE6VWO

I agree about Squeak. He came recommended from a trusted friend, and
I have been entirely satisfied in my dealings with him - which have
usually been done in person at their store.

Regards, TOM BLACKWELL, N5GAR, PO Box 25403, Dallas, Texas 75225
tom.blackwell@ntpcug.org SGL-North Texas
The NTPCUG's TI PRO BBS lives at (214) 361-5275

 SLMR 2.1a Where a Mc is a stereo, not a computer.

5495. Grounding

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: davidc@lamar96.mv.COM
Message-ID: <01BAC93A.6090D2E0@lamar96.mv.com>
Source record: 208872

I'd be a little concerned about sharing the house ground and 20 feet =
from a basement shack seems a bit long . . . am I wrong?

I have a different case, I'm on the second floor and prefer not to =
drill holes thru the wall, so I bring everything in & out the window. I =
run a copper pipe along the inner wall of the shack & ground everything =
to that, including a large steel desk.

I also have a 5 wire rotor cable roughly cut to 1/4 wave on 160, 75, =
40, 20, 15 that connects to the ground connector on my antenna tuner =
(this was originally set up to bleed off rf getting back into the shack =
from a long wire).

And finally, the whole grounding system runs thru a capacitor =
bypassed length of old coax down the side of the house to a grounding =
rod.

The next step will be to provide a knife switch to open the open wire =
feed, or perhaps to ground it, and maybe even quick disconnects for the =
coax and rotor control lines to also either open or go to ground.

Ok people, is this all overkill, or good grounding & lightening =
protection protocol? Suggestions encouraged!

73, David AA1FA Windham, NH

5496. Re: Question: GE Master II at 52.525

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: tom.blackwell@ntpcug.org
Message-ID: <19951213.n284@ntpcug.org>
Source record: 208873

==========

DB> Just aquired 2 of these (1@100 watt and 1@50W). Both have Pl's and
DB> reeds. Simple question, who can send me info on disabling of the PL's
DB> and reeds. Want to use them as carrier not tone squelch.

If Mastr IIs are like my Mastr Exec IIs, you just disconnect the PL
board.

Ericson GE should be able to send you the service manual at no
charge.

DB> also...The 100 watt will be put up as a fixed link-able remote base on a
DB> 440 system. How far do I need to "turn down" the 100 watt to let it run
DB> at a high duty cycle (most off, but on at 50% or better during use).
DB> 73' de N2MCG

I would use 60% of the rated power for typical repeater use, and put
fans on the PA heat sinks.

Regards, TOM BLACKWELL, N5GAR, PO Box 25403, Dallas, Texas 75225
tom.blackwell@ntpcug.org SGL-North Texas
The NTPCUG's TI PRO BBS lives at (214) 361-5275

• SLMR 2.1a • Visit Dallas. No FCC enforcement here since before 1973.

5497. GE Mastr Exec II Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: tom.blackwell@ntpcug.org
Message-ID: <19951213.n285@ntpcug.org>
Source record: 208874

==========

Attention fellow friendly amateurs who work with GE Mastr Exec
IIs:

I am interested in converting my exciter from phase modulation
to FM, to obtain better audio linearity. Does anyone here have
the schematics?

Regards, TOM BLACKWELL, N5GAR, PO Box 25403, Dallas, Texas 75225
tom.blackwell@ntpcug.org SGL-North Texas
The NTPCUG's TI PRO BBS lives at (214) 361-5275

 SLMR 2.1a Visit Dallas, home of the Oklahoma SM.

5498. Re: More on IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: harjula@ntc01.tele.nokia.fi
Message-ID: <1995Dec13.104224.1@ntc01.tele.nokia.fi>
Source record: 208875

In article <Pine.SOL.3.91.951211171439.23879A-100000@DGS>, rcarpen@DGS.dgsys.COM (Robert J. Carpenter) writes:

Thanks for the analysis, Bob. I have observed similar symptoms but did not look at the numbers so closely before.

>> It is very common for FM stations to be spaced 10.4, 10.6, 10.8 or 11.0
> MHz apart. The 10.7 MHz WBFM IF is so wide, and even moderately strong
> stations drive the rig into intermod, that this problem severely limits
> FM BC reception. OK, 10.6 and 10.8 MHz spacings must be quite a few miles
> apart.

Here in Helsinki area we have one 300 m tower (YLE) with at least five high power BC transmitters (50-60 kW ERP) and a few lower power transmitters. It is about 8 km from my QTH.

The local commercial stations have a common 100m tower with at least 3-4 transmitters, about 8 km to the other direction from my QTH. The field strength from the YLE is about 20 dB higher than from the commercial stations (60-70 vs. 40-50 dBuV with a short whip).

There are two pairs of high power stations with 10.5 and 11.0 MHz separation. Lower power pairs can be found with 10.9 and 10.7 MHz separation.

Some of the lower power stations are nearly impossible to hear with the IC706. If you attenuate the signal enough to remove the intermod, the real signal is too weak. With careful pointing of the 2 meter beam it is possible to attenuate the interfering stations enough to receive the weak one.

However, last week I took the rig to the central Finland and again just 2-3 km from another YLE powerhouse. Fortunately the 4 transmitters did not form any pairs close to the 10.7 MHz separation.

The receiver was almost acceptable in those conditions. There was just not much to listen to there...

> I've added a high-pass 88 MHz filter with nulls at 70.8 and CH 4 and 5
> video carriers; also a trap tuned to one strong local FM station. Now I
> can use the preamp above 120 MHz on the aircraft band and actually hear a
> weather station. The FM BC performance is still very unsatisfactory.
> Lots of intermod on FM BC, even with the attenuator switched in. I get
> the impression that the LO inject level may be inadequate.

I have been planning to connect a lowpass 80 MHz filter to receive the 66-73 MHz East European FM band. Now it is OK with NBFM but covered by

intermod on WBFM.

Would need a few coaxial switches to use separate filters for all of the VHF segments. Or a controller sitting on the CI-V bus and switching the relays or diode switches automatically.

> Other than the above, resulting from the ads not matching reality, the
> 706 is a nice little rig.
>
> 73 be Bob w3otc

That seems to be the common opinion around here, too.

t. Arto, OH2BGN
--
Arto Harjula tel +358-0-5112 8308 fax +358-0-5112 8299
Nokia Telecommunications / PMR arto.harjula@ntc.nokia.com

5499. OMNI VI BFO Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: ko7v@ix.netcom.com
Message-ID: <4ang1b$9e5@ixnews3.ix.netcom.com>
Source record: 208876

I have a Ten Tec OMNI VI with a wandering BFO. The transmit offset on
CW varies with ambient temperature and sometimes is over 500 Hz off.
The problem seems to be with the trimmer caps on the TX AUDIO board.
does anyone else have any experience with this problem? I would
prefer to fix this myself rather than send it back to TenTec. Thanks.

Mike Cizek KO7V
mcizek@capaccess.org

5500. Re: OMNI VI BFO Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "C. J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <30CF61EC.22B9@aries.scs.uiuc.edu>
Source record: 208877

Mike Cizek wrote:
>
> I have a Ten Tec OMNI VI with a wandering BFO. The transmit offset on
> CW varies with ambient temperature and sometimes is over 500 Hz off.
> The problem seems to be with the trimmer caps on the TX AUDIO board.
> does anyone else have any experience with this problem? I would
> prefer to fix this myself rather than send it back to TenTec. Thanks.
>
> Mike Cizek KO7V
> mcizek@capaccess.org

I would call TenTec anyway. They'll let you fix it yourself and they might know a chronic problem. Circuit cooler from Radio Shack will let you isolate the sensitive part or bad solder connection if it comes to that.

--

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

5501. Re: Major brands factory repair time survey

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Thomas Martin <tmartin@teclink.net>
Message-ID: <4alk3m$b4f@felix.teclink.net>
Source record: 208878

Stay away from the A brand too. The only advantage with Alinco
is they will fix it pretty quick after it breaks.

5502. Looking to buy a Icom IC-2GXAT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: casto@cis.ohio-state.edu
Message-ID: <4amqjkINN50k@italy.cis.ohio-state.edu>
Source record: 208879

I am looking to buy another Icom IC-2GXAT. I got one in the past used for about $200 and would like to find another one. It is a hand held 2 meter radio. If you are looking to sell yours and upgrade to something nicer, please let me know. I want this specific radio because I have all of the accessories for it. Thanks and hope to hear from you soon.

--
Robert K. Casto ___ __ | Making computers do things is |
casto@cis.ohio-state.edu / / /__ / / | easy, it's getting them to do |
casto@columbus.ues.com /__/ __/ /__/ | it right that is hard. |
http://www.cis.ohio-state.edu/~casto/ | (My self) |

5503. Re: Question: GE Master II at 52.525

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Alan Johnson <kninectf>
Message-ID: <4amug2$33i@Twain.MO.NET>
Source record: 208880

I have two of the Master II's on UHF. If they are the same configuration I think you can just pull the PL board out of the radio. As to the power, most people using the Master II in repeater service run them at 40% of max for full duty cycle. You might want to call the folks at Link Communications, the repeater controller folks, they have a fact sheet for converting the Master II to full duplex service.

73

Alan
K9CTF
kninectf@mo.net

5504. Re: Kenwood IF-232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: wilder@clark.net
Message-ID: <4anddg$asf@clarknet.clark.net>
Source record: 208881

Hugh Duff (hduff@humnet.humberc.on.ca) wrote:
:
: > Howdy! I am still looking for a diagram to build a Kenwood radio computer
: > control similar to the IF-232, using 1488/1489 quad line drivers.
: >
: > Anyone out there have a diagram I can have?
: >
: > Thanks and 73! Fred kq6bc
: >
:
: Hi Fred...don't bother with 1488/1489 driver/receivers.
: You need 3 supply voltages or a voltage doubler/inverter if you go this
: route.
: Check out the MAX232 (by Maxim) or the Motorola equivalent. THese
: chips have 2 receiver and 2 drivers PLUS a charge pump and inverter...
: this provides the necessary +/- 12v using a single 5v supply.
: I made an IF232 equivalent circuit using a MAX232 and an opto-isolator
: chip for much much less than Kenwoods version. (< $10)
:
: Leave me e-mail if you want more details.
:
: Hugh Duff VA3TO
:
:
:
: ---
: ï¿½ NFX v1.3 [000]

The February 1993 issue of QST page 37 has an article about building
interface boards for ICOM, Kenwood, Ten-Tec, and Yaesu. The article
also suggests the MAX232 (or Harris ICL232) chip. 73, Dick, K3DI

5505. Help with Ten-Tec Scout 555?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4amboj$1bdg@info4.rus.uni-stuttgart.de>
Source record: 208882

Hello,

I have a problem with my Ten-Tec Scout: it does not transmit on 160.
I checked the LO sgnal produced by the plug-in module, and it is very
low compared to 80 or 40. Receive seems to work (at least sort of).

It is a bit difficult for me to contact Ten-Tec directly, but may be
someone has
encountered this probelm and knows how to fix it.
73, Moritz DL5UH

5506. [Q] Alinco 6M Mobile Unit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: ggherb@ccmail.monsanto.com
Message-ID: <NEWTNews.818898717.20704.Postmaster@GGHERB.MONSANTO.COM>
Source record: 208883

Hi All:

I have a general question. I am looking get on 6M. Does anyone have
any comments on Alinco's 6M mobile unit.

Thanks,

Gary-

5507. Re: Just A Test

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Andrew M. Mahan" <amahan@pcocd2.intel.com>
Message-ID: <30CF542A.F3E@pcocd2.intel.com>
Source record: 208884

It's working...

5508. How to add AGC to a Swan 250????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Ken (KC6TEU)" <Ken_R_Mason@ccm.fm.intel.com>
Message-ID: <4anlin$4q8@mcd1.fm.intel.com>
Source record: 208885

What is the best way to add AGC capability to the Swan 250 radio? This radio has no AGC, so when I am listening to a weak signal during a contest my ears will get blown out by a local contester!!!!

The Swan 250 is a tube type radio. I figure a feedback from the audio output to the audio amplifier input could do it. Are there any other designs on how to add an AGC control on a tube radio like the Swan 250?

I've got the radio for free, so don't tell me to buy a new radio. I cant afford it!

Ken R. Mason
KC6TEU
CM98LQ
Ken_R_Mason@ccm.fm.intel.com

5509. Want Mod IC-2350

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Bootlegger@msn.com
Message-ID: <00001fed+000021dd@msn.com>
Source record: 208886

Wanted:

I'm still looking for the mod for the Icom IC-2350.
The one posted several weeks ago doesn't work.

73 de N9MSS Bob
Bootlegger@msn.com

5510. Just A Test

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Ken (KC6TEU)" <Ken_R_Mason@ccm.fm.intel.com>
Message-ID: <4amvun$2oi@mcd1.fm.intel.com>
Source record: 208887

Just testing using Windows NT.....

5511. Just Testing...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Ken (KC6TEU)" <Ken_R_Mason@ccm.fm.intel.com>
Message-ID: <4an03t$2qr@mcd1.fm.intel.com>
Source record: 208888

```
Just testing using Windows NT....
```

5512. Just Testing...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Ken (KC6TEU)" <Ken_R_Mason@ccm.fm.intel.com>
Message-ID: <4an04i$2qr@mcd1.fm.intel.com>
Source record: 208889

Just testing using Windows NT....

5513. Re: Icom Batt on HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Steve Forcht <sforcht@westonia.com>
Message-ID: <DJJMK8.IH8@westonia.com>
Source record: 208890

palermo@pegasus.rutgers.edu (palermo) wrote:
>I am using a W&W Associates battery on my 202. The bat # is: WC-0242J2-IC8.
>
>Occaisionally I get the Error-2 message, which I know is caused by the higher
>
>battery voltage (8.4 @ 1400ma).

I had the exact problem with my HTX 202. I returned the radio to Radio
Shack and they replaced the radio with a new one. It turned out to be
that the earlier serial number radios were more prone to PLL unlock when
using the higher voltage/wattage batteries.
Just my 2 cents worth.

5514. Re: Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Jimmy D. Burrell" <jburrell@inst.com>
Message-ID: <4algnp$9oe@felix.teclink.net>
Source record: 208891

Don,

See my early post about my kenwood 732 problems. In short, repair time
is up to a MONTH in length! I'm switching. I wonder if anyone from kenwood
every reads this newsgroup?

JB.

5515. FS:O-Scope

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: zact@pinn.net
Message-ID: <4alo5t$hfb@everest.pinn.net>
Source record: 208892

I have for sale a used Tektronix 453 Oscilloscope dual trace
asking $200.00 OBO email zact@pinn.net
Email me at zact@pinn.net
or fax me (804)498-0806

5516. Re: PB-26

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Jeff Fischer"@thefishnet.com
Message-ID: <8B6D588.0074001064.uuout@thefishnet.com>
Source record: 208893

-> Hello, i'm looking for a PB-26(or 26S) battery pack for my Kenwood
-> TR-2600A. if you have one, please reply here or to SAM@LITE.COM

Did you not get a message from a Joe Reeves on my board, stating that he had most everything you needed? If not, his address is joe.reeves@thefishnet.com

5517. Re: TV sweep tubes vs. RF output tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDJI7B3.Ep3@netcom.com>
Source record: 208922

In article <YEE.95Dec12191126@picard.mipg.upenn.edu> yee@mipg.upenn.edu (Conway Yee) writes:
>Before solid state HF rigs came into being, some rigs were made using
>TV sweep tubes as the final. I read that TV sweep tubes had a number
>of advantages over RF output tubes but these advantages are never
>specified. Anybody know what they are?

Fun topic!

The RCA tube catalogs of the early 60s have spec sheets on a large number of sweep tubes. In RCA, ONLY the 6LQ6 series were characterized for other than horizontal-output (pulse) service - in the 6LQ6 case the plate dissipation was specified as 200 watts for 15 seconds (or close to that...) All others were characterized only for horizontal output pulse service (pulse rate about 15750 Hz, pulse duration in the microseconds).

I believe sweep tubes were designed into a number of 60s era radios due to their low cost at the time ($3-4 each), decent plate dissipation (most sweep tubes have plate dissipations either in the 17 or 33 watt ranges, the latter comparable to the 6146B type), and reasonable working plate voltages (650 or 950 volts respectively).

A number of amplifier designs based on sweep tubes appeared in 1960s era ARRL handbooks, QSTs, and other publications. 4, 6 (or even 10) tubes in parallell, usually grounded grid, were common, with relatively low DC plate voltage (900-1000V) and relatively high plate current (0.5-1.5 amps) compared to other "real" transmitting tube designs of the day. These lower plate voltages allowed use of less expensive plate tuning capacitors and other parts, as well as power supplies that could be built from salvaged color TV power transformers and "computer grade" electrolytics.

The 6LQ6 series was designed into a large number of CB type linear amplifiers. They (6LQ6 type tubes) are now in very short supply and are quite expensive. Per-tube costs range from $8 to $40 depending on type, demand and vendor. Antique Electronic Supply flags most of their sweep tubes for a significantly reduced warranty coverage (except for the 6JU6 which is a sweep tube but they for some reason didn't catch it, and don't flag it as a sweep tube in lists). I converted a Dentron GLA-1000B amplifier (4-6LQ6) to use four 31LQ6's, which worked out very well and allowed me to re-tube for about $35.00.

Some people have converted transceivers from sweep tube output to 6146B output tubes. A few have converted to other filament voltages to allow for use of lower cost tubes. Most sweep tubes use either a 9- or 12-pin compactron type socket (the sockets are still available thru mailorder). When converting from one sweep tube to another, pay attention to claimed maximum ratings, particularly plate dissipation and maximum plate voltage.

The glass envelopes and anode connector/seals of sweep tubes aren't really suitable for transmitting service. Failed or inadequate forced air cooling can result in a sweep tube resembling a raisin and having about the same output power capability. Neat to look at, lousy to transmit on.

73 Dave WB0GAZ dgf@netcom.com

(and somewhat of a sweep tube fan!)

5518. Re: Beware Kenwood radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Jimmy D. Burrell" <jburrell@inst.com>
Message-ID: <4algc5$9oe@felix.teclink.net>
Source record: 208923

Sounds like another good reason not to buy a kenwood to me.
JB.

5519. Mobile ANTENNA info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Will <kn6dv@qnet.com>
Message-ID: <30CE9F8F.70D3@qnet.com>
Source record: 208924

Hello , I would like to get info on the *screwdriver* mobile antenna.
Are there any building plans or can I buy it as a kit.
Any info is welcome.
Thanks 73 de Will, KN6DV

5520. TV sweep tubes vs. RF output tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: yee@mipg.upenn.edu
Message-ID: <YEE.95Dec12191126@picard.mipg.upenn.edu>
Source record: 208925

Before solid state HF rigs came into being, some rigs were made using
TV sweep tubes as the final. I read that TV sweep tubes had a number
of advantages over RF output tubes but these advantages are never
specified. Anybody know what they are?

--
Medical Image Processing Group | 73 de Conway Yee, N2JWQ | DON'T
411 Blockley Hall | EMAIL : yee@mipg.upenn.edu | TREAD
423 Guardian Drive | TELEPHONE : 1 (215) 662-6780 | ON
Philadelphia, PA 19104-6021 (USA) | FAX : 1 (215) 898-9145 | ME!

5521. Re: TNC to Realistic hand-held?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Thomas.Randall@bbs.mhv.net
Message-ID: <4ald24$6gb@over.mhv.net>
Source record: 208926

Dan Brown (danb@a.crl.com) wrote:
: droll@cableregina.COM (David Roll) wrote:

: > purchasing a Realistic HTX-202 VHF handheld transceiver. I would like to
: > get into packet radio on a low end, so my question is, is it possible to
: > hook a standard TNC into this hand-held? Also any other infromation on this

: Yes, it's possible. The KPC-3 includes a diagram for wiring
: the cable, or you can buy pre-wired cables. I understand that the
: range is very limited, though. An external antenna should help.

An external antenna WILL indeed help. AN the 202 works JUST fine on
packet. Been using mine for a year now. MFJ makes pre-wired cables for
$15. Tucker sells them also.

: --
: Dan Brown, KE6MKS
: danb@a.crl.com, NOT danb@crl.com
: Don't tread on me.
: E-Mail published at my discretion.

Tom - KB2SMS

5522. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Garry Foster <gmfoster@epix.net>
Message-ID: <4alqu5$9b7@guava.epix.net>
Source record: 208927

We went thru this a few months ago with the keyer. I agree with you that
kits don't belong in QST as feature construction articles. However I
would say that I was out voted about two to one. Most seemed to feel that
it was the quality of the "product" not the learning potential that
should take priority.
Garry(WB0NNO)James Garland
;garland@ohstpy.mps.ohio-state.edu> wrote:
;>This month's QST features a slick microprocessor-controlled automatic
;>antenna tuner. The design seems solid, and the price for the parts kit
;>($158) is reasonable. However.....the article discretely mentions in a
;>footnote that "the source code is not available," for programming the
>microprocessor. In effect, therefore, the article is simply a promotion
>for a antenna tuner kit, and not a do-it-yourself article.
>
>I feel strongly that QST should not publish construction articles
unless
>enough information is provided for readers to duplicate the
>project themselves. It is fine for an author to sell a parts kit with
>his article, but I do not believe proprietary information essential to
>completion of the project should be withheld. When lengthy software
>listings are involved, they should be made available on the ARRL Web
Page
>or BBS, as in the excellent DSP kit by W9GR, a few years ago. I believe
>QST is setting a very unfortunate precedent with this article.
>
>Jim W8ZR
>

5523. Re: IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: egroen@inter.NL.net
Message-ID: <DJJI9w.1yx@inter.NL.net>
Source record: 208928
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

Why don't you look for a 775 ft1000 or new Kenwood if you don't like small??
I don't want such an elephant on my desk for sure...
73
Enno

5524. Re: IC706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Tim.C" <Tim@serco-wr.demon.co.uk>
Message-ID: <818855458snz@serco-wr.demon.co.uk>
Source record: 208929
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,uk.radio.amateur

This radio looks like exactly what I want (when I can afford it, and have got my A).

But why do all these new rigs have to be mobile size !!

I'd much rather have a big rig where the functions aren't hidden down menus and behind function buttons !!

(Still want one that runs on 12v though. I like the idea of being able to run off batteries for portable work !)

Tim.C
Trainee BOFH

--... ...-- -.. . --. --... - .- -.-.

The above views (and spellings) are not necessarily those of my employer.

GCC/IT/MU/S d? s++:--->+ a- C++(---$) U->+++ W++ N+++ w V PS+ PE Y--
PGP- t+ 5++ X++ R* tv++ b++ D++ G e++>++++(*) h* r+++ y** Geek v3.1

5525. Re: Kenwood TS690S Any mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4am1bf$u1g@hawk.pix.za>
Source record: 208930

I am also collecting mods for the TS690S. Not that the radio need any, just for fun. However there is only one mod I know of: to make it transmit over a wider range for use with SHF transverters.

Are there any other that you know of ?

5526. Re: Icom,Kenwood,Yaesu Newsletters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.91.951213021419.21999B-100000@freenet2.freenet.ufl.edu>
Source record: 208931

On 8 Dec 1995, My name is... wrote:
> I used to subscribe to Newsletters from a company in Florida. The newletter
> contained mods.
> It was called something like "International Computers ????????"
> Does anyone know if they still exist?
> thanks,
> Ken N1KK

Hi Ken... The company was called International Radio & Computers....
The last business store front is closed. You might contact its owner:
N8RT Rob Phorence.... of Ft.Pierce or Pt. St. Lucie, Fl, Area code 407.
Good Luck - this guy was fun to watch...
De Tom KD4QHH

5527. Re: Results:survey of factory repair times

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: clifto@indep1.chi.il.us
Message-ID: <DJIJn2.B2q@indep1.chi.il.us>
Source record: 208932

In article
<Pine.PTX.3.91j.951209133418.9644A-100000-100000-100000-100000@carson.u.washington.edu>
"John T. Young" <jtyoung@u.washington.edu> writes:
>9). Icom "IC745 sent to Icom twice for xmit problem. Not fixed and
>returned with two more new problems. Now will use local guy for repairs"
>10). Icom "have used ICOM gear for long time, always good luck when in
>need of advice or parts"
>11). Icom "rig at service factory right now. Icom postcard says est.
>turnaround time 45 days"

About five (?) years ago my IC-02AT went dead because the 5.12 MHz
synthesizer reference crystal stopped working. I called Icom for the
part after looking locally for an off-the-shelf part; I needed the
rig fairly soon for a big public-service event. I sent a check in the
mail and got the crystal.

I put it in and the rig still didn't work. But I was working on it at
someone else's workbench with limited time, so every night when finished
I had to reassemble the rig, and then disassemble it the next night to
work on it.

The third night I opened the rig (carefully, of course) and the flexible
PC "board" connecting the halves cracked, ending my efforts until I could
get a new one. Just for grins, I took the new crystal out of the radio
and subbed it into a microprocessor board nearby. The 6 MHz crystal out
of the uP board oscillated in my radio; the new 5.12 MHz crystal from
Icom didn't oscillate either in the radio or in the uP board.

I called Icom, suggesting that they owed me a crystal AND a flexy
board. The nice lady told me to send it to them and they'd repair it
FREE. I asked her to repeat that. She said to send it to her attention
and she'd see that it was done quickly because of my time constraints.
I shipped the radio UPS 2nd day with a letter reminding them that they
told me they were repairing it FREE.

It was supposed to be fixed the day after it arrived, so after five
days I called to ask about it. Nice-lady wasn't there; technician knew
nothing of any special-handling orders. He looked it up and it was
sitting on a shelf (it had arrived the next day) waiting to be fixed.
I reminded him what I had been told and repeated that I was told it
was to be done FREE, that they should return it if they wanted to
charge me for it; he said 'no problem' and said he'd fix it the next
DAY.

It arrived several days later (was shipped four or five days after
I talked to tech, if I remember right)... UPS *COD*, seventy-something

dollars! The invoice had nasty comments about the terrible job I did soldering (WHAT soldering? I UNsoldered the bad parts, and did a damn neat job of it after what was then 25 years of professional electronics repair experience.) and how I generally messed up everything.

I stopped payment on the check I gave UPS and followed up with a letter rehashing the situation. Icom never answered me.

I got rid of the radio soon after, and I now own a nice Alinco.

--
Cliff Sharp There are days when no matter which
WA9PDM way you spit, it's upwind.
clifto@indep1.chi.il.us --The First Law of Reality

5528. Re: HF rigs without proprietary components.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: yee@mipg.upenn.edu
Message-ID: <YEE.95Dec12192432@mipgsun.mipg.upenn.edu>
Source record: 208933

>Now for my question. What is the most modern rig out there in each of
>two classes? Alternatively, this question can be answered in the terms
>of the best performance (RF-wise) in each of the two classes. Ideally,
>the answers would be easy to play with on the insides.
>
>1) solid state with tube finals? Tube finals are a bit more forgiving
> that solid state finals. To me, this is a very useful quality as long
> as I can still purchase finals.
>2) all solid state but without ANY proprietary components. I don't want
> to need to go to a single source to get parts. Generic parts are good
> in that replacements are easy to get.

Unfortunately, nobody answered wrt the first category.

For the second category, all replies were different variants of
Ten-Tec. The Corsair I & II (no longer made) was mentioned by one.
Another mentioned that the Omni series also uses non-proprietary
components except for the programming on the EPROMs. I will have to
check into the likelihood of obtaining the programming on disks and
see if the modern Ten-Tec rigs are indeed completely off the shelf.
--
Medical Image Processing Group | 73 de Conway Yee, N2JWQ | DON'T
411 Blockley Hall | EMAIL : yee@mipg.upenn.edu | TREAD
423 Guardian Drive | TELEPHONE : 1 (215) 662-6780 | ON
Philadelphia, PA 19104-6021 (USA) | FAX : 1 (215) 898-9145 | ME!

5529. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Steve Sawyers n0yvy <sawyers@inav.net>
Message-ID: <4al934$tjr@composer.inav.net>
Source record: 208934
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

I bought one radio from them over two years ago and had no
problems with them or the radio - Yeasu FT-530 Dual bander.

5530. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Alan Johnson <kninectf>
Message-ID: <4amved$33i@Twain.MO.NET>
Source record: 208935
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

I have purchased two radios form Oklahoma Comm and have been very happy with the service, price and the way that I was treated. I don't believe you can go wrong with them.

Alan
K9CTF
kninectf@mo.net

5531. FL-2100Z power out?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: pepperb@gov.on.ca
Message-ID: <4amuda$a7n@govonca3.gov.on.ca>
Source record: 208936

Hello - does anyone have an idea of what the relative power level out at my watt meter should be for a Yaesu FL-2100Z linear amp?

Book says 1000 input, so I wondered what the generally efficiency was overall in the amp. Perhaps I expected a bit more, but about 500 w output is being seen at the meter, this is with about 90 watts drive (more can't be given, as the protection on the exciter cycles it off if I try to send more input to amp). NO ALC is being given to the amp, as the exciter as no provision for ALC output.

Thanks.

Brien

pepperb@gov.on.ca

5532. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: jwc@col.hp.com
Message-ID: <4amut0$6g8@nonews.col.hp.com>
Source record: 208937

It's ARTICLE No. 95-11-3 for all 95 Ford trucks and some cars.

The biggest factor (that was missed in previous postings here) is
The very long ground return lead from fuel pump to engine compartment.

This can be as much as 10 or more feet in larger trucks. Great antenna.

Grounding this lead to frame at closest point to fuel tank is absolutly
necessary.

John, N0KIC (From Mark M. Ford Service HotLine.)

5533. Re: Stolen Yaesu FT-415 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Your Name Here <your@email.address.here>
Message-ID: <4amvd4$l9e@canyon.sr.hp.com>
Source record: 208938

Please change the phone number I listed regarding the Yaesu FT-415 stolen
from me. My Phone number is 707-577-4905.

Thank you

Sal Caruso
KC6WTOYour Name Here <your@email.address.here> wrote:
>Thank you for reading this. I hope you can help me recover
>my HT.
>
>Someone stole my 2 meter radio. Please keep a look out for
>my Yaesu FT-415 with serial number 1K-040411. If you come
>accross this radio please call me, Sal, at 707-577-2791 or
>send me an Email at "Sal_Caruso@sr.hp.com".
>
>Thank you for reading this.
>Sal Caruso
>KC6WTO
>

5534. Re: FT2500M Yaesu Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: ajlitt@mail.utexas.edu
Message-ID: <4an37v$38e@geraldo.cc.utexas.edu>
Source record: 208939

In article <DJCoHn.2Gp@freenet.carleton.ca>, Marc Buron says...
>
>
>Looking for any mods for the Yaesu FT2500m, any kind is welcome,
>possibly i'd like the one for out of band transmit,
>
>thanks....
>
>Marc
>Ve2hps.

Well, I've spent considerable (maybe too much!) time toying with the FT2500M, and here's what I've found:

1) Hold down the A/N key while turning the power on. Now all the zeros that appear in the alpanumeric part of the display are slashed. Repeat the mod to revert back to normal zeros.

2) Hold down D/MR and A/N at the same time while turning power on. You will get a display that says CH-x where x is a memory location number. Now the radio can only tune to frequencies that are stored in memories, and not do manual tuning. Repeat the mod to exit this mode.

3) There IS a mod for OOB xmit, but it does in no way expand the receive range. I'm not a CAP/MARS member, and I found this mod by accident (BTW, when hunting down mods, ALWAYS hook up a dummy load to the output!). Yaesu didn't put this mod in as a 'toy' or secret that people could find out for themselves, they intended it to make the radio useable for non-ham purposes by people authorized to do so. I won't personally give this mod out, but if you can prove to Yaesu that you indeed are licensed to transmit out of band, they will tell you how to do the mod. I'm not trying to belittle anybody by saying this; I just want to give some info on how to properly go about getting the mod. I don't have Yaesu's number handy, but their address is (from the back of my manual):
Yaesu U.S.A
17210 Edwards Rd.
Cerritos, CA 90701
USA
You could call information in California for their number, or better yet, call any radio store that carries Yaesu and ask for the number for Yaesu USA.

BTW, has anyone found out any mods BESIDES the out-of-band xmit/receive, DTMF decode, or OOB memory storage mod for the FT530? I have heard a rumor of an over-the-air clone mode, but haven't seen it yet.

73
--
+--------------+
| Andrew Litt |
| KC5APJ |
| MSTie#47556 +-----------------+-------------------------------------+
| ajlitt@mail.utexas.edu |Linux,MST3K,AX.25,Red Dwarf,HC11,TMBG,|
| litt@shark.ece.mail.utexas.edu |FZ/MOI,K2BSA,HP48,Newton,Phish,X-Files|
+--------------------------------+-------------------------------------+

5535. Re: ACC Controller Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: ken.thompson@KS.Symbios.COM
Message-ID: <ken.thompson.1022.000CBBB4@KS.Symbios.COM>
Source record: 208940

In article <4amibv$v3p@st6000.sct.edu> jotterso@st6000.sct.edu (Jeffrey Otterson) writes:
>From: jotterso@st6000.sct.edu (Jeffrey Otterson)
>Subject: Re: ACC Controller Help
>Date: 13 Dec 1995 07:53:19 -0500

>>One of our club's controllers is acting up. It will not accept any dtmf
>>commands either over the air or the phone line. Ont the air, it just
>>passes the tones. We've tried a manual reset and a cold reboot. Anyone
>>know how to resolve this?
>>
>>TNX
>>
>>Barry-KT4DQ

>I cannot tell you how much this frosts me.

Oh that is helpful.

Double check (by reprogramming ?) all COS inputs. One may be on that is
causing the controller to ignore the input you want to use. Most likely an
unused control receiver COS.
Ken.

5536. Re: ICOM R71A W/ EX309 computer interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: mfraser@vanbc.wimsey.com
Message-ID: <4anai6$sjg@wolfe.wimsey.com>
Source record: 208941

The EX309 has a parallel bus output. Most of the scan software
I've seen works with a serial port. The EX309 was discontinued
or taken out of the design by ICOM, and a different interface used.
I have seen nothing commercial that allows a serial port to be used
with the EX309. I didn't feel like learning about microcontroller
programming, which would have been necessary to build a serial converter
for this.

Maybe someone else can be more constructive, as I'd like to see the
way to make it work, too....

/mark

My name is... (klimasewski@fccvde.enet.dec.com) wrote:
: Does anyone know if the EX309 computer inteface will work with
: software like SCANCAT?

: thanks,
: Ken

5537. TR7 Value ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: l38217@alfa.ist.utl.pt
Message-ID: <4an38s$dgg@ci.ist.utl.pt>
Source record: 208942

I just would like to know how much is worth an old
Drake TR7 ! Some fellows here in Portugal are selling them
and in my opinion I think their asking too much for such an
old and used rig.
People out there ho can evaluate it fairly please answer!

Best 73 + Good DX !

--

Pedro Pedroso	
l38217@alfa.ist.utl.pt	CT1ELP
Eng. Electrotecnica e Comp.	Founder member of GPDX
(Telecomunicacoes e electronica)

5538. Re: FL-2100Z power out?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: kkidd@usit.net
Message-ID: <4anbu5$ajl@news.usit.net>
Source record: 208943

pepperb@gov.on.ca (Brien Pepperdine) wrote:

>Hello - does anyone have an idea of what the relative power level out at
>my watt meter should be for a Yaesu FL-2100Z linear amp?

>Book says 1000 input, so I wondered what the generally efficiency was
>overall in the amp. Perhaps I expected a bit more, but about 500 w output
>is being seen at the meter, this is with about 90 watts drive (more can't
>be given, as the protection on the exciter cycles it off if I try to send
>more input to amp). NO ALC is being given to the amp, as the exciter as
>no provision for ALC output.

>Thanks.

>Brien

>pepperb@gov.on.ca

I have an FL-2100B amp that runs 500-600 watts out with 90-100 watt
drive. Some bands have more output than others but always within
+-100 watts.

Kevin Kidd
WD4RAT
kkidd@usit.net

5539. Keyer Recommendations Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: msadams@netcom.com
Message-ID: <msadamsDJJG8K.FKt@netcom.com>
Source record: 208944

I presently have a straight key, and have noticed that many of the fast people are using paddles. My radio has an electronic keyer module, and I was thinking of getting a paddle.

There are a lot of models. Does anyone have a recommendations?

Thank you,

Michael Adams
KE6BOO
--
msadams@netcom.com

5540. Re: Mobile ANTENNA info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: kkidd@usit.net
Message-ID: <4anccr$ans@news.usit.net>
Source record: 208945

Will <kn6dv@qnet.com> wrote:

>Hello , I would like to get info on the *screwdriver* mobile antenna.
>Are there any building plans or can I buy it as a kit.
>Any info is welcome.
>Thanks 73 de Will, KN6DV

I Posted a similar article to yours a couple of weeks ago and got several answers about a book 40+ years of Mobiling that was written by the designer of the screwdriver ant. I understand that some machine work is required to produce almost all of the designs currently used. The best preassembled screwdriver hf antenna is supposedly made by a K4POZ, Ron Wilson in Atlanta, GA area. Ron is the Chief Engineer of WSB AM (50kw Braves BaseBall Flagship station) so he should know something about rf :> .

Kevin Kidd
WD4RAT
kkidd@usit.net

5541. New two way radio products (REPOST)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: John Philpott <john@microcomm.co.nz>
Message-ID: <4ancg5$dgf@bclwn.bcl.co.nz>
Source record: 208946

New Products!!

MicroComm's Model 340 MicroLink Voice & Data Multiplexor.

The 340 MicroLink provides 3 radio channels and one data channel over
one conventional 25KHz radio channel.
In other words you can have 3 voice plus one data channel over just
the one radio channel.
It also provides a digital backbone for small networks.
MicroLink reduces the potential for site related interference by
reducing the number of RF bearers.
Applications Include:
-Rural telephone systems.
-Private mobile radio networks.
-Remote Controlled radio systems.
-Off shore oil and gas platforms.
-Rail communications systems.
-Scada & telemetry systems.

Prices from USD$5,185 a pair.

MicroComm Model 383 Repeater Tone Panel & Telephone Interconnect.

The MicroComm Model 383 is the most advanced repeater tone panel
combined with a telephone interconnect. It can simultaneously
decode/encode up to 50 CTCSS tones, 104 DCS codes and selective
signalling formats using DTMF or 5 tone Selcall.
The 383 can store up to 160 users in its database using any
combination of these signalling formats.
The optional plug in telephone interconnect daughter card provides a
fully featured radio to telephone and telephone to radio
interconnect.
Programming access is via local phone or remotely via the radio
channel or telephone interconnect using MicroComm's MS Windows based
package "FREND" (FRontEND)

Prices from USD$618

MicroComm's Model 681 Standalone/Network Tone Panel/Site Controller

MicroComm's Model 681 is an advanced state of the art concept in the
control of radio repeater and communications systems for the 2 way
radio industry. It includes all the features of the 383 plus many new
features never before found in traditional tone panel radio repeater
control products.

Fully expanded the M681 provides:

-Full repeater control port.
-4-wire E+M audio port.
-Pstn Interconnect with 2400 baud modem.
-Voice synthesiser.
-MPT1327 FFSK 1200/2400 baud modem.
-Digital data port.
-Voice band scrambling to/from interconnect or audio port.
-Comprehensive telemetery monitoring and alarm paging.

In summary, the M681 provides all the functions of a shared local repeater controller as well as providing full networking capabilities for linked repeater systems in a multi drop, multi repeater system, as well as concurrently supporting a full duplex telephone to radio interconnect.

Price from USD$815

For more information contact
John Philpott or Brent Collins
john@microcomm.co.nz brent@microcomm.co.nz
Phone +64 3 359 8253 Fax +64 3 359 5975

5542. Re: TS-120s fix

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDJJ6B5.K3n@netcom.com>
Source record: 208947

In article <4alfrr$i21@bighorn.accessnv.com> "Robert A. Kile" <midnight@accessnv.com> writes:
>I did not see the original post. From comments it looks like problems
>with oscillation on 10-15 m. A quick fix would involve installing a .01uf
>bypass to end of bandswitch assembly to AVR line on adjacent plug. AVR is

Well, I hope Kenwood Service knows of this fix! I sent a (new to me) TS120 with the oscillation problem to them - they did some work, sent it back, and it still oscillates like a banshee on 15 and 10 (and most of the time on 20). Anyway, I've sent it back again and perhaps they'll look more closely.

Last time I fiddle with a TS120, for sure!

73 Dave WB0GAZ dgf@netcom.com

5543. Re: Keyer Recommendations Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: jgardner@netcom.com
Message-ID: <jgardnerDJJnC7.LsA@netcom.com>
Source record: 208948

Michael Adams (msadams@netcom.com) wrote:
: I presently have a straight key, and have noticed that many of the fast
: people are using paddles. My radio has an electronic keyer module, and I
: was thinking of getting a paddle.

: There are a lot of models. Does anyone have a recommendations?

Here are a few that I've used:

Bencher - This one has been around a long time and is quite popular. Costs
about $69 for the basic model. The chrome plated and gold plated
models are more expensive. This paddle is a bit flimsy for my
tastes. It requires an allen wrench for adjustments, and I've
had problems with contact corrosion. Bearings are nylon and steel
needle bearings.

Jones - This one is imported from England by Palomar Engineers and costs
about $169. A very nice paddle. I have the all-brass model and
it's very solid--none of the flimsy feeling the Bencher has. The
bearings are rotary ball bearings with almost no slop or play.
It's fully adjustable without tools and the adjustments hold
over time.

There are many others on the market, but I haven't tried any of them. I
recommend the Jones paddle without reservation. It's one of the best paddles
being made today.

--
Jerry Gardner | Maintainer of the Large Format Digest
jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

5544. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: "C. J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <30CEF60E.2590@aries.scs.uiuc.edu>
Source record: 208949

Garry Foster wrote:
>
> We went thru this a few months ago with the keyer. I agree with you that
> kits don't belong in QST as feature construction articles. However I
> would say that I was out voted about two to one. Most seemed to feel that
> it was the quality of the "product" not the learning potential that
> should take priority.
> Garry(WB0NNO)James Garland*

OK. Who cares about paying 158 dollars for a 100 Watt tuner KIT when the hamfests are cluttered with them for that or a few bucks more? The only advantage to this stupid article would have been the learning process concerning the algorithm in the programming of the micro. TenTec give a better description in the 253 auto tuner manual. No source code, but in their case it makes sense. This author is just another dealer, and I resent him using the club magazine for free (not only free but he gets PAID for it). He also forgot to thank the club members for a free 5 thousand dollar ad at the end of his article. By the way, now that the author knows so much about automatic antenna tuners he could probably get a job at Icom designing one of their 15 year old auto tuners. I think that demonstrates the value of this article since the author will not share the theory with us.

> ;garland@ohstpy.mps.ohio-state.edu> wrote:
> ;>This month's QST features a slick microprocessor-controlled automatic
> ;>antenna tuner. The design seems solid, and the price for the parts kit
> ;>($158) is reasonable. However......the article discretely mentions in a
> ;>footnote that "the source code is not available," for programming the
> >microprocessor. In effect, therefore, the article is simply a promotion
> >for a antenna tuner kit, and not a do-it-yourself article.
> >
> >I feel strongly that QST should not publish construction articles
> unless
> >enough information is provided for readers to duplicate the
> >project themselves. It is fine for an author to sell a parts kit with
> >his article, but I do not believe proprietary information essential to
> >completion of the project should be withheld. When lengthy software
> >listings are involved, they should be made available on the ARRL Web
> Page
> >or BBS, as in the excellent DSP kit by W9GR, a few years ago. I believe
> >QST is setting a very unfortunate precedent with this article.
> >
> >Jim W8ZR
> >

Write to your ARRL rep. Hey, who is my rep anyway?
Chuck, KE9UW
--

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

5545. FT-8500 RS232 Command Language

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: mcnerney@tiac.net
Message-ID: <4anjrt$rbt@sundog.tiac.net>
Source record: 208950

I an thinking about purchasing the FT-8500 and was curious about how rich the command language was for
controlling the unit from a computer through its RS232 port.

In particular, I was curious as to whether the FT-8500 could respond to a command which inquired as to
whether there was a signal on the current frequency (and perhaps provide some type of relative signal strength
value).

thanks!
-bob
K1HMN

5546. ICOM R71A W/ EX309 computer interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <4an2ga$4tc@mrnews.mro.dec.com>
Source record: 208951

Does anyone know if the EX309 computer inteface will work with
software like SCANCAT?

thanks,
Ken

5547. ICOM R7100, ScanStar; need help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: mmf1@ix.netcom.com
Message-ID: <4anf8s$9qf@ixnews2.ix.netcom.com>
Source record: 208952

I have an ICOM R7100 connected to my NEC Pentium PC with an
Optoelectronics CX12, with ScanStar software. I need help setting
switches, parameters, etc. correctly. We have read the manuals and
other instructions. By the way, I have a disability.
I'd like to hear from someone else who is using ScanStar with an
ICOM R7100. Jim
--
On the Internet we do not speak for the commissions.
Mary Fowler Mayor's Commission on Disabled Persons
James Gonsalves Mayor's Commission on Human Relations
Terry Morgan JG's Assistant
330 19th Street, Suite 50, Oakland, CA 94612-3406
mmf1@ix.netcom.com

5548. INFO WANTED: Ten Tec 2510

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: kharker@cs.utexas.edu
Message-ID: <kharker-1312950033470001@slip-43-12.ots.utexas.edu>
Source record: 208953
Cross-posted to: rec.radio.swap,rec.radio.amateur.space,rec.radio.amateur.equipment

I'm looking for any information anyone might have about price or availability anywhere concerning a rather old model of Ten Tec radio. I read a 1985 magazine review about the Ten Tec 2510, which was a combination 440MHz SSB/CW transmitter and 2m->10m SSB/CW transverter intended for OSCAR communications.
I called Ten Tec today, and the gentleman I spoke with did not recognize the model. If anyone knows where I might find more information on this radio or if anyone has one they may be interested in selling, I would appreciate an e-mail.

Thanks in advance.

Kenneth E. Harker kharker@cs.utexas.edu
University of Texas at Austin
Department of the Computer Sciences Amateur call: N1PVB
Taylor Hall TAY 2.124
Austin, TX 78712-1188 USA http://www.cs.utexas.edu/users/kharker/

5549. Re: Keyer Recommendations Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-13 00:00:00 UTC
From: Ray Wilson <n3rkh@voicenet.com>
Message-ID: <4ani46$fm0@news.voicenet.com>
Source record: 208954

jgardner@netcom.com (Jerry Gardner) wrote:
>
> Michael Adams (msadams@netcom.com) wrote:
> : I presently have a straight key, and have noticed that many of the fast
> : people are using paddles. My radio has an electronic keyer module, and I
> : was thinking of getting a paddle.
>
> : There are a lot of models. Does anyone have a recommendations?
>
> Here are a few that I've used:
>
> Bencher - This one has been around a long time and is quite popular. Costs
> about $69 for the basic model. The chrome plated and gold plated
> models are more expensive. This paddle is a bit flimsy for my
> tastes. It requires an allen wrench for adjustments, and I've
> had problems with contact corrosion. Bearings are nylon and steel
> needle bearings.
>
> Jones - This one is imported from England by Palomar Engineers and costs
> about $169. A very nice paddle. I have the all-brass model and
> it's very solid--none of the flimsy feeling the Bencher has. The
> bearings are rotary ball bearings with almost no slop or play.
> It's fully adjustable without tools and the adjustments hold
> over time.
>
> There are many others on the market, but I haven't tried any of them. I
> recommend the Jones paddle without reservation. It's one of the best paddles
> being made today.
>
> --
> Jerry Gardner | Maintainer of the Large Format Digest
> jgardner@netcom.com | Send subscription requests to jgardner@netcom.com

I have a Vibroplex. It is the $99 model. I'm new to the code, but my friend Rich, N3KQN, an extra cl.
Ham, liked it so much he went out and bought one for himself.

Good luck.

73

Ray

5550. Re: Major brands factory repair time survey

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <4ao8a1$scf@bighorn.accessnv.com>
Source record: 208705

"Jimmy D. Burrell" <jburrell@inst.com> wrote:
>I had to send my kenwood 732 back because of UHF receiver problems. It took
>a MONTH!! This is my last kenwood purchase! I'm switching to YAESU.
>
It would be appropriate to put this comment in context. Whether it be
Icom, Kenwood, or Yaesu the service repair time now is 5 plus weeks for
non-warranty repairs. Most Warranty work is done as first priority and is
usually completed in less than a week.

5551. Mods Azden PCS-6000H?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: snpcross@aol.com
Message-ID: <4aqem4$44n@newsbf02.news.aol.com>
Source record: 208706

I would like to know if anyone has any mods for the Azden PCS-6000H?
I ahve not been able to find any. Please respond to me at
SnPCROSS@AOL.COM.
Thanks,
-Shawn

5552. Re: IC-706 VHF Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: v-ntxes@microsoft.com
Message-ID: <4apikk$b3a@news.microsoft.com>
Source record: 208707

In article <4a242f$gcp@crow.cybercomm.net>, stever@raven.cybercom.com
says...
>
>Does D59 mod open up VHF on the IC706? If it does is the TX range
118-174 mhz?
>What is the power output over that range?
>
>Steve, WA2NHZ
>
>
Is there way of getting the Scematics for the IC-706? I have one and I
would like to open up the TX on the HF side of things. However When I
tried to find the D59 diode I couldn't.

Thanks

Eric E. Scott
KC7KLZ
--
The opinions expressed in this message are my own personal views
and do not reflect the official views of Microsoft Corporation.

5553. Re: Power supplies in series?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: mack@ncifcrf.gov
Message-ID: <DJKxpD.KsC@ncifcrf.gov>
Source record: 208708

In article <4ahmot$bjp@remus.rutgers.edu> hillgen@remus.rutgers.edu (Jay Hillgen) writes:
>I was wondering if it would be harmful (to the supplies) if I was
>to wire three switching power supplies in series so that their
>voltage would in effect, be cumulative. Is this a good idea?
>Thanks!
> jay
>

I run my 160W 2m brick off 3 identical 5V switchers that have been
turned down to 4.5V each. Works fine.

Joe NA3T
mack@ncifcrf.gov

5554. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: wday@dfw.net
Message-ID: <wday-1412950845540001@fw25.dfw.net>
Source record: 208709

In article <gregkopp-1112951537310001@l2-8.en.net>, gregkopp@en.com (Greg Kopp) wrote:

> Have you ever bought anything from Oklahoma Comm Center (1-800-765-HAMS)??
>
> I'm looking at buying a radio mail order from them. They are $30 cheaper
> than most other stores with free shipping and I'm not sure of thier
> reliability.
>
> e-mail to gregkopp@en.com or n8jms@cars.org

I've purchased several radios from OKCC over the years (they have a nice store in Oklahoma City, as well as come down to the Fort Worth-Dallas area Ham-Com each year, too!), both new and used, and have been completely satisfied with doing business from them. They're nice folks to do business with.

73 Wayne KF5ZC

Note: crossposting to six different groups shrunk down to the one appropriate group: rec.radio.amateur.equipment.

Wayne Day KF5ZC Fort Worth,Texas,USA |
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)
For info on BMHA or the BIKEHAM mailing list: Finger KF5ZC@dfw.net

---

5555. WTD:5 12AX7 Vac. tubes.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: bj709@FreeNet.Carleton.CA
Message-ID: <DJKyoA.E6z@freenet.carleton.ca>
Source record: 208710

Hi,need 5 nos 12ax7 vac. tubes.Any help appreciated..Vic.

5556. TX mod for Alinco DJ180? Yes!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: jls <jls@sierra.net>
Message-ID: <4aqb19$305@jobes.sierra.net>
Source record: 208711

I got mixed responses on this question but the answer is Yes! Remove the battery contact cover from the bottom of the radio and clip Pink wire. I tried it and it works, thanks for all the responses.

--
Cya l8er... -=lArRy=-

5557. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8189949731801@lss.humnet.humberc.on.ca>
Source record: 208712

> This month's QST features a slick microprocessor-controlled automatic
> antenna tuner. The design seems solid, and the price for the parts kit
> ($158) is reasonable. However......the article discretely mentions in a
> footnote that "the source code is not available," for programming the
> microprocessor. In effect, therefore, the article is simply a promotion
> for a antenna tuner kit, and not a do-it-yourself article.
>
> I feel strongly that QST should not publish construction articles unless
> enough information is provided for readers to duplicate the
> project themselves. It is fine for an author to sell a parts kit with
> his article, but I do not believe proprietary information essential to
> completion of the project should be withheld. When lengthy software
> listings are involved, they should be made available on the ARRL Web Page
> or BBS, as in the excellent DSP kit by W9GR, a few years ago. I believe
> QST is setting a very unfortunate precedent with this article.
>
> Jim W8ZR
>

Interesting ! I was under the impression that QST (ARRL) was very
explicit about not accepting construction articles in which the author
witholds proprietary information. This is dissapointing...I haven't
seen the issue yet but the project sounds quite interesting to me.
I guess the author wants you to buy the complete kit *or* at least a
preprogrammed micro with the security bit set (so that you can't copy
'em). That's the kind of nonsense you see in Popular Electronics.
Maybe QST and/or the author has made an error :)

Regards...Hugh Duff VA3TO

• NFX v1.3 [000]

5558. Re: Keyer Recommendations Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: Dave Edwards <ham@raven.cybercom.net>
Message-ID: <4ape69$la@crow.cybercomm.net>
Source record: 208805

I have a bencher which is junk, and a imported hi-mound which is
also junk, but I like the feel of it. You can't go wrong with
a Vibroplex. My favorite of all is Schurr key made in Germany.
Ham Radio Outlet has them. It is by far the nicest. Good luck...
Dave

5559. Re: TV sweep tubes vs. RF output tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4aplsj$j1i@newsbf02.news.aol.com>
Source record: 208806

In article <YEE.95Dec12191126@picard.mipg.upenn.edu>, yee@mipg.upenn.edu (Conway Yee) writes:

>Before solid state HF rigs came into being, some rigs were made using
>TV sweep tubes as the final. I read that TV sweep tubes had a number
>of advantages over RF output tubes but these advantages are never
>specified. Anybody know what they are?
>
>
>
There were three advantages'

1.) They used to be cheap.

2.) They were available from multiple sources.

3.) They used to be cheap. ;-)

None of these are true any more.

73,
Tom

5560. Cellular Phone Radio Frequency Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: agomez4349@aol.com
Message-ID: <4apjm9$gra@newsbf02.news.aol.com>
Source record: 208807

Hey all,
I recently learned how to scan the 800 range using my cellular phone from Motorola. I also learned how to transmit over the 800 range, making my cellular phone into a NICE duplex two-way radio. (My friend has another phone, and we use them to talk back and forth, in programing mode....) Anyways, the range for a clear transmission is fairly short, and I was wondering if there was a way that I could put an amplifier on my antena, so I could transmit with ALOT of power, and maybe receive weaker signals. I WILL TAKE ANY IDEAS! Please E-Mail me. THANKS.

5561. Re: WANTED: 2M Hand_Held HAM Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: Jeff Blumenfeld KB3DX <jeffreyblu@aol.com>
Message-ID: <30D00C3D.3E3E@aol.com>
Source record: 208808

Ajai -

I have an Icom P2AT with an additional high power battery pack, all
the original packaging, etc. I have used it almost not at all.
Please let me know if you're interested.

Jeff KB3DX

5562. FOR SALE: 2 MTR handheld.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: Jeff Blumenfeld KB3DX <jeffreyblu@aol.com>
Message-ID: <30D00D25.723C@aol.com>
Source record: 208809

Icom P2AT, additional high power battery, all original accessories, packaging, etc. Very little use. Make me a reasonable offer. Jeff KB3DX jeffreyblu@aol.com or 202 955-6300 (office) 202 686-1973 (home).

5563. Re: WANTED: 2M Hand_Held HAM Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: Jeff Blumenfeld KB3DX <jeffreyblu@aol.com>
Message-ID: <30D00DC8.214B@aol.com>
Source record: 208810

Ajai -

I have an Icom P2AT with an additional high power battery, all original accessories, packaging, etc. It has very low hours, mainly because I have not been on 2 meters very much. You can contact me at jeffreyblu@aol.com or 202 955-6300 office, 202 686-1973 home.

Jeff KB3DX

5564. Re: HTX-212 mod needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: dab2@Ra.MsState.Edu
Message-ID: <4apkbj$dnp@NNTP.MsState.Edu>
Source record: 208811

jeff griffin (jeff_griffin_at_aos500@admin.tc.faa.gov) wrote:
: Does anyone know of a mod to allow an RS HTX-212 to TX on marine band
: (156.025 thru 157.425) MHz. Email any info you might have. Thanx Jeff
:Griffin.

This is not mine, but it does apply here:

: C'mon fellers. Consider what you are doing when you ask for a reply
: by email.

: 1. You are preventing the rest of us who have an interest in this
: thread from seeing the whole answer -- this strikes me as being
: somewhat selfish.

: 2. You are admitting that you don't lurk this group very often and
: want a personal answer so that you don't have to take up your valuable
: time reading the newsgroup to pick up your answer.

: If the question is by newsgroup, the return post should be by
: newsgroup.

: Jim Weir VP Engineering | "We seem to be standing on
: RST Engineering | the foreskin of technology."
: Grass Valley CA 95945 | (Gen Chuck Yeager)
: voice/fax 916/272-1432 |
: rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

73 de KC5AAW

David A. Boackle dab2@ra.MsState.edu Mississippi State University

5565. Re: WANTED: 2M Hand_Held HAM Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: Jeff Blumenfeld KB3DX <jeffreyblu@aol.com>
Message-ID: <30D00DFB.46C7@aol.com>
Source record: 208812

Ajai -

I have an Icom P2AT with an additional high power battery, all original accessories, packaging, etc. It has very low hours, mainly because I have not been on 2 meters very much. You can contact me at jeffreyblu@aol.com or 202 955-6300 office, 202 686-1973 home.

Jeff KB3DX

5566. Re: TV sweep tubes vs. RF output tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4apq2c$noi@crash.microserve.net>
Source record: 208813

jan.anker@ping.be (Jan Anker) wrote:

>Low plate voltage, high mu and low drive power.
>Disadvantage: bad linearity so distorsion with SSB.

This statement is misleading. The right sweep tubes in the right circuit compare very favorably with other devices.

The #1 advantage to sweep tubes is that for a given plate dissipation rating, they can provide a relatively large amount of peak current. This translates to greater power output in short duty cycle modes like CW and SSB.

The disadvantage is that this higher power output, as a manufacturer's spec, is valid *only* for those short duty cycle modes. For continuous duty work, such as RTTY, power input to the tubes must be significantly reduced to avoid damage.

73,
Jack WB3U

5567. Setting PL deviation on FT-11???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <4apql0$158g@watt.oedison.com>
Source record: 208814

Anyone know how/where to adjust the transmitted CTCSS deviation level on a Yaesu FT-11R HT? Is it an internal pot, or is it in some undocumented keyboard mode?

John Wagner wagnerj@watt.oedison.com

For Encrypted Mail: PGP Public Key Available upon Request

5568. Re: 6146B replacements

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: a313@Lehigh.EDU
Message-ID: <4ap9i8$llu@ns5-1.CC.Lehigh.EDU>
Source record: 208815

In article <degreene.818704321@news.heurikon.com>, degreene@heurikon.com (David Greene) writes:
>
>
>Hello,
>
>I've got an old Kenwood that I want to purchase a couple of sets of replace fin
als for. I don't know anything about tube replacements. A gentleman
>told me about a place selling ruggedized 6146W tubes for about $18 a piece.
>My Kenwood has 6146B tubes in it for finals. Are the 6146W tubes a good
>replacement for the 6146B tubes?
>
>Are they "electrically" equivalent?
>
>I figure if I'm going to get some spares, I might as well get the
>toughest/best availible, and I assume the ruggedized W's at that price
>new would be the best way to go.
>
>Thanks,
>Dave
>
>degreene@heurikon.com
>
>
>
>--
>
>Dave Greene Heurikon Corp. (800) 356-9602
I have not seen the 6146W however I would suggest you get the physical
specs for comparison as well. No sense getting the tubes if you can't
put the cover back on the gage.

Anyone out there that could answer the qestion of physical
compatability ?????

73's Dick K8WHA (an interested TS830s Owner)
>

5569. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: rtrommer@vnet.ibm.com
Message-ID: <4apl8l$1bho@ausnews.austin.ibm.com>
Source record: 208816

In <4amut0$6g8@nonews.col.hp.com>, jwc@col.hp.com (John Chapman) writes:
>
> It's ARTICLE No. 95-11-3 for all 95 Ford trucks and some cars.
>
> The biggest factor (that was missed in previous postings here) is
>The very long ground return lead from fuel pump to engine compartment.
>
>This can be as much as 10 or more feet in larger trucks. Great antenna.
>
>Grounding this lead to frame at closest point to fuel tank is absolutly
>necessary.
>
>
> John, N0KIC (From Mark M. Ford Service HotLine.)
>
>

Not to be overlooked is the exhaust system that must also be grounded
to the chassis. Provide at least 3 good ground straps, one before the
converter, after the converter and one at the tail pipe... 73 WB5YTG
Rick rtrommer@vnet.ibm.com

5570. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: dstock@hpqmdla.sqf.hp.com
Message-ID: <DJL5nD.FM2@hpqmoea.sqf.hp.com>
Source record: 208817

Brian Farrelly (Brian.Farrelly@nho.hydro.com) wrote:

: It strikes me that by decimating you are throwing lots of information away,
: information that might be useful for reducing noise. If you decimate from
: 9 MHz to the range you suggest then you are keeping only .2% of the samples!

: I presume there is a flaw in my logic somewhere but I don't see it!

Before we begin, someone made a big boob choosing the word "Decimate"
with its meaning reversed, back in the early days of DSP. To quell unruly
towns, Roman governors 2000 years or so ago, threatened to "decimate" the
population. If the population did not fully accept the Roman occupation,
the Romans took one tenth of the population (usually randomly) and
publicly executed them. 9 tenths lived on.

DSP usage blows it two ways, firstly their "decimation" covers all
factors not just ten, and it is the minority that survives. Also the
samples that don't survive don't just disappear, they influence the
output of the process.

Let's call it "resampling" instead

Samples aren't just thrown away, instead a filter is used to perform
amplitude interpolation. When changing to a slower sampling rate, greater
amplitude resolution can be created in something akin to averaging. If we
are going to collapse N samples into 1, we can average those N samples
and create a result that needs more bits to express it than each of the N
originals each needed. Averaging is a crude filter-like process. A
flashier filter could be seen as a form of weighted averaging (a pretty
good way of visualising some types of digital filters).

Some audio ADC's sample at MHz rates with a 1 bit ADC (comparator)
and then "Decimate" to give 44.1 kilosamples/sec with many bits of
resolution. They also use a one bit DAC as a feedback element into a
multiple integrator structure preceding the 1 bit ADC. Look up
"Delta-sigma Analogue to digital converters" for more info.

Nyquist's sampling theorem (he did other things besides sampling)
gives a minimum sampling rate for UNAMBIGUOUS capture of the information
in a signal, given the BANDWIDTH of that signal. Centre frequency is
irrelevent to this, bandwidth is what counts.
From this it is possible to sample a signal at a rate greater than
twice the signal's bandwidth - though possibly much less than the
centre frequency - and capture all of the information in the modulation
of the signal unambiguously, but losing certainty about the centre
frequency. This is called undersampling

Now, it's possible to amalgamate undersampling techniques with delta-sigma converter techniques and wind up with what is now called a "bandpass delta-sigma converter" These things haven't really hit the streets yet, no semiconductor manufacturers have flooded the market with parts and applications notes, published info is in the form of research papers aimed at those already in the know. I know how they work in general terms, but haven't yet felt the need to dig into them seriously as they do not, at least now, offer the combination of bandwidth and bits of resolution that I'm interested in.

Cheers
David GM4ZNX

5571. Re: FT-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4aq35g$pqu@pacific.mps.ohio-state.edu>
Source record: 208818

I've used an FT1000D for several years, and think it is the best transceiver I've ever used. It is vastly better, in my opinion, than the Icom 765 which I used previously. LOaded with all the filter options, the FT1000D selectivity is exceptionally good, with bandwidths well-shaped for the cw user. The tuning rate is a bit fast for cw work, but you can buy an aftermarket accessory which slows it down. THe sub-receiver is very useful, although I miss not having an s-meter for it. I never use the internal keyer so can't comment on it. The QSK circuit seems to work well at 40wpm (my limit), but I don't really care for QSK except in a contest or big pileup. THe strong-signal handling capability is excellent, although there is a PIN diode factory mod for improving it further. My FT1000D has been extremely reliable, with no problems whatsoever.

5572. IC-706 HFXmit D-59 Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: ni8k@aol.com
Message-ID: <4aplav$ii0@newsbf02.news.aol.com>
Source record: 208819

This is the 50 Mhz and down Xmit Mod.

Caution: You will be working on a surface mounted, very small device.
Be sure you have a strong magnifying glass and a strong bright
light.
To remove the device you will need a small soldering pencil and or
dykes.

1. Place the radio front knob towards you and remove the top 3 and 2 side
screws.
2. The main board is the one near the front.
3. The 706 has 5 diode spaces on this main board. These spaces are located
just to the right of the orange ribbon cable connection and to the
left of part
R-198 marked on the circut board.
4. Now that you have found the 5 small spaces; you will see from left to
right
small 3 legged black diodes in positions 1, 2 and 5. On my US model
diodes
for spaces 3 and 4 are missing.
5. Next we want to remove unmarked diode D-59 which is the second diode
from the left. You can use a small soldering pin or you might want to
just
cut it out of the way. I was able to unsolder the front two legs then
raise the
diode and unsolder the front leg.
6. Now your done ! Re set the CPU and you can transmitt below 50 Mhz.
It works.

2nd Caution: If you are not comfortable working with very, very small
devices
find some one who is. This is too expensive a
radio to screw
up and trust me- it wont take much.

Removing this device (diode) might disable further mod's and will
void your
warranty. Thats another reason to unsolder and keep the diode.

This mod works and I have noticed no side effects or strange
problems.

Now I can use this radio as a back up MARS Station.

73's Gary NI8K

5573. Re: AUSTIN AMATEUR RADIO SUPPLY

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: n5kxi@ionet.net
Message-ID: <4apm2d$cli@ionews.ionet.net>
Source record: 208820

In article <Pine.BSD/.3.91.951208185828.8075D-100000@matrix.eden.com>,
n5kzw@eden.com says...
>
>When my wife went in to buy me a surprise IC-2340 last year, the
people
>behind the counter were very concerned that she wasn't involving me in
>the purchase decision. They didn't want to have to take the radio
back.
>
>Her reply was that if I didn't want it, it would fit quite nicely in
her car!
>
>Other than the radio, the only other major money we have spent there
was
>for a tower. We use AES for most things.
>
>
> Ed Bailen -- N5KZW / Irene Beattie -- KA5DYF
> His religion? Geek Orthodox!
>
Yoy people should try Oklahoma Comm Center. They can beat any price,
they pay the shipping and have people that know the products better
then any other mail order store I have called. TRY THEM..1-800-7OK-HAMS
Lee N5KXI

5574. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: n5kxi@ionet.net
Message-ID: <4apm7b$cli@ionews.ionet.net>
Source record: 208821
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

In article <gregkopp-1112951537310001@l2-8.en.net>, gregkopp@en.com
says...
>
>Have you ever bought anything from Oklahoma Comm Center
(1-800-765-HAMS)??
>
>I'm looking at buying a radio mail order from them. They are $30
cheaper
>than most other stores with free shipping and I'm not sure of thier
>reliability.
>
>e-mail to gregkopp@en.com or n8jms@cars.org

I buy ALL my equipment there. I have shoped around, but with their
prices and they pay shipping, they are my ONLY store now....73

Lee N5KXI

5575. Re: Mobile ANTENNA info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: 72627.2203@compuserve.com
Message-ID: <4aq7r9$22n@dub-news-svc-1.compuserve.com>
Source record: 208822

40 Plus years of Mobiling is a worth while book to read even if you decide to get one of the mfg screw driver antennas. You can get it from World Radio Magazine. I can provide more info if anyone is interested.

73 Doug

5576. Re: Keyer Recommendations Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: fedpress@omnifest.uwm.edu
Message-ID: <4apm8v$kj4@omnifest.uwm.edu>
Source record: 208823

The December 1992 edition of 73 magazine had an article by John L. Rehak N6HI titled "Iambic Keyer Paddles: A wide array of choices". It's worth reading.

Personally, I prefer the Jones Keyer paddles from England. They're the only ones heavy enough not to dance around my desktop.

73,

Rick WB9GYT

5577. 6 meter ten tec kit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: "James F. Foerster" <U12566@uicvm.uic.edu>
Message-ID: <95348.110049U12566@uicvm.uic.edu>
Source record: 208824

I heard part of a discussion on a local repeater -- $90 for
the kit. 12 watts ssb; 8 watts fm and 4 am. Has anyone
seen literature or have any experience? They said the
manual looked as thorough as on old heathkit manual.

73 de N9UZG

5578. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: hbaker@netcom.com
Message-ID: <hbaker-1412951447330001@10.0.2.15>
Source record: 208825

In article <DJL5nD.FM2@hpqmoea.sqf.hp.com>, dstock@hpqmdla.sqf.hp.com
(David Stockton) wrote:

> Before we begin, someone made a big boob choosing the word "Decimate"
> with its meaning reversed, back in the early days of DSP. To quell unruly
> towns, Roman governors 2000 years or so ago, threatened to "decimate" the
> population. If the population did not fully accept the Roman occupation,
> the Romans took one tenth of the population (usually randomly) and
> publicly executed them. 9 tenths lived on.

I thought that DEC invented the DEC-i-mate -- i.e., Dilbert's girlfriend. :-)

> Samples aren't just thrown away, instead a filter is used to perform
> amplitude interpolation. When changing to a slower sampling rate, greater
> amplitude resolution can be created in something akin to averaging. If we
> are going to collapse N samples into 1, we can average those N samples
^^^^^^^^^^
> and create a result that needs more bits to express it than each of the N
> originals each needed. Averaging is a crude filter-like process. A
> flashier filter could be seen as a form of weighted averaging (a pretty
> good way of visualising some types of digital filters).

You'd _better_ average these together, or you'll get aliasing.

I once had occasion to compare a really high-quality sampled & reconstructed
256x256 image with a run-of-the-mill sampled & reconstructed image that was
512x512. The difference was amazing. The poor slob was wasting 4X as much
processing to produce images that were substantially inferior.

The bottom line is: use high-quality anti-aliasing and reconstruction filters,
and you'll save yourself one heck of a lot of digital processin.

--
www/ftp directory:
ftp://ftp.netcom.com/pub/hb/hbaker/home.html

5579. FT-1000

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: Scott Ellington <sellington@ssec.wisc.edu>
Message-ID: <4aprpa$gik@spool.cs.wisc.edu>
Source record: 208826

I'm thinking of buying a used FT-1000, primarily for CW contest operation, and I'd be interested in comments on its performance, reliability, etc. Also, if anyone knows the serial number sequence, and whether any ranges are to be avoided, that would be useful.

Please reply by email to the address below, and I'll post a summary.

Scott K9MA
sellington@ssec.wisc.edu

5580. Re: FT-1000 lock main and sub vfos

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: bills@lvld.hp.com
Message-ID: <4apopp$t6m@hplvec.lvld.hp.com>
Source record: 208827

rlong@magnus.acs.ohio-state.eduu (Ron Long) wrote:

>FT-1000:Tracking main and sub vfos

>[...]
>The problem is that he says that at the time he wrote the memo (1992) he
>had not tried his idea - and I am unable to reach him by telephone. His
>idea briefly is to cut the wires to the sub dial encoder and insert a dpdt
>relay. [...]

I talked to Yaesu about this some months ago. They said that they had
tried it and it works just fine. The RPGs used for tuning are
identical for both the main and sub VFOs. I haven't done it to mine
yet, but I'd like to.

Bill Standerfer - KF0DJ
bills@lvld.hp.com

5581. Re: 6146B replacements

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4apc4u$acg@pacific.mps.ohio-state.edu>
Source record: 208828

THe 6146/A/B/W tubes are all the same size. The B has a slightly higher plate dissipation (35W) than the others (25W), while the W is a military ruggedized version of the original 6146. If you need the ruggedness, as for a mobile transmitter, go with the 6146W. If you want to squeeze the last watt out of your rig, go with the 6146B. (Unfortunately, there is no 6146BW, so you can't get the best of both worlds.) Kevin Deal ((909) 982-2386) is selling new 6146A/B/W. The prices are 6146W=$11, 6146A=$12, 6146B=$19. Good used ones are frequently available at about $5-$8. If it was me, I'd go with new 6146W's.
Jim W8ZR

5582. Re: 6146B replacements

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4app4f$noi@crash.microserve.net>
Source record: 208829

James Garland <garland@ohstpy.mps.ohio-state.edu> wrote:

>If it was me, I'd go with new 6146W's.

Jim, the difference in the plate dissipation rating between the 6146W and 6146B is not slight. The 35 watt rating of the B version is a 40% increase.

Many rigs that were factory-equipped with a pair of 6146B's had power input ratings of 240 watts. The A and W versions of the tubes won't survive that power level for long.

Incidentally, I've known many hams who used the A and B versions mobile. None of them ever experienced a failure other than the tubes eventually becoming soft with age.

IMO, the W version was just one more inventive way for the military to spend its budget.

>Jim W8ZR
>

5583. Re: OMNI VI BFO Problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4aqe81$5mh@safety.ics.uci.edu>
Source record: 208830

Hi Mike:

Sounds like a bad crystal to me, in my limited experience. Anyway, you can always call Don at Ten Tec and he is happy to theorize and help you on your way to fixing it yourself. He has been very helpful to me in my many Ten Tec self repairing expeditions.

Clark
WA3JPG

5584. HTX-212 mod needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: jeff_griffin_at_aos500@admin.tc.faa.gov
Message-ID: <4apf60INNfm4@faatcrl.faa.gov>
Source record: 208831

Does anyone know of a mod to allow an RS HTX-212 to TX on marine band (156.025 thru 157.425) MHz. Email any info you might have. Thanx Jeff Griffin.

5585. HF Station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: toad5763@aol.com
Message-ID: <4aqf1c$493@newsbf02.news.aol.com>
Source record: 208832

I'm looking for a good used hf transceiver, or transmitter/receiver. I would like a FT101E or a Drake TR-4. If you are in the Oregon Washington Area E-Mail me with your information. Thanks

5586. What Ham Radio Manufaturer gives the best customer service???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-1412950445370001@host12.cyberg8t.com>
Source record: 208833

Is it Kenwood, Icom, Yaesu, Ten-Tech, or Alinco? That is the new Ham Poll
question this month at URL

http://www.csz.com/sarrio.html.

Get the results in real time. While your there check out the results of
our previous poll questions. 73's Ray

--
Visit the Raymond Sarrio Co. Ham Radio Web Sore http://www.csz.com/sarrio.html
Extensive Discount Ham Radio Catalog
Ham Poll--New poll questions asked monthly

5587. Re: FT-51 Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <4app1m$3vk@watt.oedison.com>
Source record: 208834

On 11 Dec 1995 21:53:03 GMT davidf@cais.cais.com (David R Fruehwald) wrote:

>Can someone point me to a place to find FT-51 mods if any?

Check out http://www.qrz.com

They have their whole radio mods database on-line there, including those
for the FT-51.

John Wagner wagnerj@watt.oedison.com

For Encrypted Mail: PGP Public Key Available upon Request

5588. Re: IC-706 mods clarification

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: v-ntxes@microsoft.com
Message-ID: <4apinr$b3a@news.microsoft.com>
Source record: 208835

In article <DJ7vxv.86s@iglou.com>, n4lq@iglou.iglou.com says...
>
>Yes and I still want to know how everyone knows it is D59 when there is
no
>schematic and it's not labled on the board.
>
>
>
>
>
>--
>Steve Ellington N4LQ@IGLOU.COM Louisville, Ky
Where is D59? I couldn't find it.

Thanks
Eric E. Scott
KC7KLZ
--
The opinions expressed in this message are my own personal views
and do not reflect the official views of Microsoft Corporation.

5589. Re: Setting PL deviation on FT-11???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: byrnes@fc.hp.com
Message-ID: <4aq4ok$q1p@fcnews.fc.hp.com>
Source record: 208836

John Wagner (wagnerj@watt.oedison.com) wrote:
> Anyone know how/where to adjust the transmitted CTCSS deviation level on a
> Yaesu FT-11R HT? Is it an internal pot, or is it in some undocumented
> keyboard mode?

I have an FT-11R too. People who receive my transmissions report a
"humming" whose tone varies with the PL tone I set. Are your symptoms
the same?

Anyway, I called Yaesu about it. I was told that there's no *easy* way
to turn down the tone level unless you have the optional FNS-26 (?) tone
board. The hard way is to read the schematic (and somehow decipher the
internal functions of the major chips) and change a resistor or two.
(ie. Good Luck!) The guy gave no indication that Yaesu would do this
for you for any price.

Let me know if you find a different answer.

John, KB0UNC

5590. 2M Rig With Good Air AM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: n5off@aol.com
Message-ID: <4aqnuv$88n@newsbf02.news.aol.com>
Source record: 208837

Is there a 2M rig out there with good Aircraft AM?

I have have a TM-241 and an IC-229H and both are terrible on AM.

My Kenwood TH-27 handy is great on AM.

Is there a good mobile with air?

What is the true technical reason why the 229H is so bad?
Is there no AM detector?

73 de tom n5off

5591. Kenwood TM733 good rig? Like it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: mparkes@aol.com
Message-ID: <4aq6ct$ha@newsbf02.news.aol.com>
Source record: 208838

I am thinking of buying a new 733 .. wonder if anyone out there has
experience with the rig and what you think of it.
Thanks, Mike KS4DA

5592. Where to get crystals?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: radio@goodnet.com
Message-ID: <4aq61k$la7@news1.goodnet.com>
Source record: 208839

Greeting. I am looking for a good crystal distributor. I have 2 Maxon VHF CP-0510's that I need crystals for. I know that the RX crystal freq = Freq - 10.7 / 9 & TX crystal freq = Freq / 9. Is this all this info I need? Does anyone know of a few good places? About how much are they going to cost me? Any help would be great! Thanks in advance.

-Lyle Tanner (KC7IPY)
-radio@goodnet.com
-ltanner@indirect.com
-http://www.disaster.net/icp/
-http://www.goodnet.com/~radio/

5593. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: ken.thompson@KS.Symbios.COM
Message-ID: <ken.thompson.1025.000F516D@KS.Symbios.COM>
Source record: 208840
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

In article <4apm7b$cli@ionews.ionet.net> n5kxi@ionet.net (Lee Allen) writes:
>From: n5kxi@ionet.net (Lee Allen)
>I buy ALL my equipment there.
>Lee N5KXI

ionet is an Internet provider IN Okla. You don't have ties to OCC do you? :-)

5594. US importations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: l42398@alfa.ist.utl.pt
Message-ID: <4aoqd8$1v3@ci.ist.utl.pt>
Source record: 208841

I would like to buy a radio in the US, I would like to know if there are any shops doing it and if it increases the price very much.

73 Luis Martins
CT1FNK

5595. Re: Kenwood IF-232 Interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: demetre@helios.intranet.gr
Message-ID: <4aojaa$ada@helios.intranet.gr>
Source record: 208842

Jim Dear (jdear@mail.bayou.com) wrote:

: >I'm amazed at the money that the manufacturers charge for their silly
: >interfaces, when a few dollars worth of parts are all that's needed.
: >
: >If you can't find the article, drop me e-mail.
: >
: >73
: >
: >Paul Nix (WB5AGF)
: >(e-mail: Paul_N_Nix@aud.alcatel.com)

: I am interested here too...looking for KW for TS450/TS690...I'll see if I can't
: contact ARRL and see if they can help us?

The 1996 ARRL handbook has schematics for such interfaces...

73's

5596. Ten Tec preselectors

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <23971.818920785@safety.ics.uci.edu>
Source record: 208843

I just got an Argonaut 515. It has the preselector just like the older Argonaut 505, 509 ... and the Tritons and OMNI-D's.

I noticed that my Argonaut has low sensitivity on 75 meters only. The higher bands are OK. The receiver trimmer is fine, I checked it, so it seems that the preselector would be the problem.

Anyone see this problem, where the preselector is weak on one end of its spectrum? (This is an 80-10 rig, so 80 is the low end of the preselector range). Anyone do this alignment and have any suggestions?

Clark
WA3JPG

P.S. Also, anyone pick up a Ten Tec 8 pole filter and put one into the Argonaut?

5597. Re: TR7 Value ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: barry@indirect.com
Message-ID: <4ao72l$56v@globe.indirect.com>
Source record: 208844

Pedro, I think they are worth $600 to $800 (US) depending on the condition. I have one in great shape and really like it.

73
Barry

http://www.indirect.com/www/barry/
Store fixtures - displays - supplies

5598. Re: Kenwood TS690S Any mods?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: donr@mdsroc.com
Message-ID: <4apo9j$4k0@mdsroc.com>
Source record: 208845

In article <4am1bf$u1g@hawk.pix.za>, danie.brynard@pixie.co.za says...
>
>I am also collecting mods for the TS690S. Not that the radio need
>any, just for fun. However there is only one mod I know of: to make
>it transmit over a wider range for use with SHF transverters.

My friend Dave is a UHFer and may want that mod for his transverter
collection. May I ask where do I find it?

--
Don Russ Microwave Data Systems, Rochester, NY
Advanced Development Engineer a California Microwave Co.
N2CZL@WB2PSI.#wny.ny.usa.na donr@mdsroc.com http://www.mdsroc.com

5599. Lowest PC Memory Prices!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: Rudy <kpedersn@roadrunner.com>
Message-ID: <30CFE15E.6236@roadrunner.com>
Source record: 208846

High Sales Volume = Lowest Prices!

Because of high volume sales to the US Government, State
Government, and National Laboratories, Atomic City Electronics,
Inc. of Los Alamos, New Mexico is offering PC memory at
outstanding prices:

4 MB (1X32) $129.95
8 MB (2X32) $249.95
16 MB (4x32) $479.95

All are new NP 70 ns 72 pin Simms.

Call (505) 662-7059: Ask for Rudy.
FAX (505) 662-6647: Attention Rudy.

5600. Lowest PC Memory Prices!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: Rudy <kpedersn@roadrunner.com>
Message-ID: <30CFE12F.2771@roadrunner.com>
Source record: 208847

High Sales Volume = Lowest Prices!

Because of high volume sales to the US Government, State Government, and National Laboratories, Atomic City Electronics, Inc. of Los Alamos, New Mexico is offering PC memory at outstanding prices:

4 MB (1X32) $129.95
8 MB (2X32) $249.95
16 MB (4x32) $479.95

All are new NP 70 ns 72 pin Simms.

Call (505) 662-7059: Ask for Rudy.
FAX (505) 662-6647: Attention Rudy.

5601. !! High Tech WWW Site !!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: amsoft@epix.net
Message-ID: <NEWTNews.818952380.14699.amsoft@486dx4_120>
Source record: 208848
Cross-posted to:
rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.antenna

Covering Amateur Radio, Electronics, Engineering, Space, Scanners
Shortwave, and many more interesting Technical Areas. Includes
0ver 400 WWW links, and a link to our September 95 CD-ROM archive
with over 23,000 files online. Very HOT High Tech WWW Site

http://hamster.business.uwo.ca/~amsoft/

Surf The High Tech World from here today!

5602. I.D. Timers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: curtis epps <103165.3227@CompuServe.COM>
Message-ID: <4aq71r$2jn$1@mhafc.production.compuserve.com>
Source record: 208849
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.swap

I.D. Timers: Battery powered quartz countdown timer with alarm.
Auto re-set/auto re-start for no
touch opperation and no loss in time between ten minute ID cycles
with the auto re-start. L.C.
display shows minutes remaining in countdown. High acuracy less
than +4 seconds per week
of continuous duty. Aprox 2 1/2 x 2 1/2 x 1/2 inches; watch
battery included.
Timer has spring loaded magnetic clip for dash board or visor
mounting for mobil use, swing
down metal bail converts clip to easel stand for base opperation.
Timers sold nationally for
$35.00. Special price $20.00 shiped UPS ground. Checks OK.
Curtis Epps (KB4WUB) 1553
Mackerel Ave.-Sarasota, FL 34237

--
C.EPPS

5603. TNC Cable

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: oberlin@ix.netcom.com
Message-ID: <4aph37$23f@ixnews5.ix.netcom.com>
Source record: 208850

I'm looking for a cable to connect my KPC-3 to my Kenwood TM-733a. I've obtained pin-outs for the 6-pin din but I can't find which line is the actual PTT Line.

Also, I'm looking for the mod for the Kenwood tm241a that allows 9600 baud packet. I've heard of some people who actually added a data jack to the radio, and this is what I'm really looking for. Thnaks for your time, '73 Mike

5604. Yaesu HT VOX headset rewired for FT-2200?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: killian@aztec.asu.edu
Message-ID: <4aphur$iij@news.asu.edu>
Source record: 208851

Does anyone know the proper wiring to use a VC-22 VOX headset on an FT-2200? The power supply for the VOX can use the +5 v line but how should the PTT and mic connector be connected?

Thanks
mike
KC7JGC

5605. auto-patch/phone-patch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: joe@utdallas.edu
Message-ID: <joe-1412951619080001@joe-mac.utdallas.edu>
Source record: 208852

I'm looking for a patch to interconnect line level audio (input and output) and a telephone signal (full duplex). I'd prefer to use a commerical product if one is available. Suggests? Thanks -Joe Izen

5606. Re: 6146B replacements

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: hrsil@flinet.com
Message-ID: <4aqbq0$j6v@news.flinet.com>
Source record: 208853

6146w's will work fine in place of the B's and A's I've switched back and forth between all and have not noticed any diff. in performance. The W model which I use in my 520s appear to have a tad less output. Any one else notice this? I also have a copy of the data sheet for the 6146 A B which show the B model to be superior over the A. Anyone with a data sheet for the W? Oh well thats my two cents worth.... back to the HW100

--

Henry Silvia hrsil@flinet.com
{KE4WBW} WPB. FLA

5607. Mods for the Yaesu 1000MP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: frede3@msn.com
Message-ID: <00001fed+0000220b@msn.com>
Source record: 208854

Hi there,
I was wondering if anyone had come across
the mods for the new Yaesu FT-1000MP. Could you
please post them here? Thanks!!!

Fredric Einstein

5608. Re: TV sweep tubes vs. RF output tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: jan.anker@ping.be
Message-ID: <jan.anker.137.00011588@ping.be>
Source record: 208894

In article <YEE.95Dec12191126@picard.mipg.upenn.edu> yee@mipg.upenn.edu (Conway Yee) writes:
>From: yee@mipg.upenn.edu (Conway Yee)
>Subject: TV sweep tubes vs. RF output tubes
>Date: 13 Dec 1995 00:11:26 GMT

>Before solid state HF rigs came into being, some rigs were made using
>TV sweep tubes as the final. I read that TV sweep tubes had a number
>of advantages over RF output tubes but these advantages are never
>specified. Anybody know what they are?

Low plate voltage, high mu and low drive power.
Disadvantage: bad linearity so distorsion with SSB.

5609. Re: GE Mastr Exec II Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: Hank Blackstock <wa5jrh@ionet.net>
Message-ID: <4ans6q$9a@ionews.ionet.net>
Source record: 208895

Hello Tom,

I modified some Master II's a few years ago for 9600 baud. I applied the 9600 data to the varicap in the channel element to obtain FM. It worked just fine. I did have a text file giving exact details of how I did it but I have lost it in the shuffle of getting a new computer.

73 Hank WA5JRH

5610. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: mennamor@ix.netcom.com
Message-ID: <4anreh$dqp@ixnews7.ix.netcom.com>
Source record: 208896

In <4ambka$pte@vkhdsu01.hda.hydro.com> Brian Farrelly
<Brian.Farrelly@nho.hydro.com> writes:
>
>mennamor@ix.netcom.com(Mark Ennamorato) wrote:
>
>>In reality, it is only necessary to sample at 2 times the INFORMATION
>>bandwidth. SO... with the IF of 9 MHz and an audio (assuming
something
>>like SSB or AM or CW) bandwidth of a few kilohertz, you would only
have
>>to sample (theoretically) at 2 times that bandwidth.
>
>> For
>>audio signals like SSB etc, you could sample at a few MHz, then
>>decimate to several 10's of kilohertz (like 10-20 kHz) and do all the
>>audio recovery/processing with a simple (Analog Devices type)DSP
chip.
>>By the way, sub-sampling also gets you a 'free' down-conversion too!
>
>Some references on this approach would be of interest.
>
>It strikes me that by decimating you are throwing lots of information
away,
>information that might be useful for reducing noise. If you decimate
from
>9 MHz to the range you suggest then you are keeping only .2% of the
samples!
>
>I presume there is a flaw in my logic somewhere but I don't see it!
>
>Brian.Farrelly@nho.hydro.com
>

Brian,

Lots of references out there. Look into Harris Semiconductor DSP data books, plus trade rag articles like in EDN, Electronic Design, and RF Design. There are several books too on DSP, and IEEE articles.

The basic idea is to sample at a high rate, say several MHz, then decimate down to a reasonable bandwidth the DSP can handle, a bandwidth related to the information bandwidth. The key is to use a decimating filter. This takes in samples at a high rate and FILTERS LIKE A LPF to give a low output rate. THIS HAS THE EFFECT OF FILTERING OUT MUCH OF THE NOISE AND INCREASING THE OUTPUT SIGNAL TO NOISE RATIO BY

POTENTIALLY LARGE FACTORS. Think of it in the frequency domain - the noise is spread over the original sampling frequency range, then the decimating filter get rid of everything that is outside the OUTPUT sampling frequency range. Just like the narrow filter in the IF of every ham rig.

Mark

5611. Kenwood TS 830 forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: timtoot@roo.netrax.net
Message-ID: <4anql1$iki@degas.ICSI.Net>
Source record: 208897

I have a kenwood TS 830 for sale x-cond 8kc. split nonsmoker $600

KA3WED e-mail to timtoot@sun-link.com

--
!
!
!
!

5612. Kenwood TS 830 forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: timtoot@roo.netrax.net
Message-ID: <4anqt7$iki@degas.ICSI.Net>
Source record: 208898

- -
!
!
!
!

5613. New Ham Web Site with Information Content

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: medcalf@idir.net
Message-ID: <medcalf-1412952119580001@idts1lw19.idir.net>
Source record: 208899
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.amateur.swap

A new ham radio related web site is on-line. It contains Articles
and Radio-TNC Wiring Diagrams.

URL: http://www.idir.net/~medcalf/ztx/

Current Articles

Desense: Some Possible Solutions

TOR Modes: Hearing the Difference (includes sound files)

Getting Information from a Weathernode

I plan to add an article approximately once a month. These articles may
be reprinted in amateur radio club newsletters provided that credit is
given to the author.

73 gloria ka5ztx medcalf@idir.net

5614. Kenwood TS 830 forsale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: timtoot@roo.netrax.net
Message-ID: <4anpm1$iki@degas.ICSI.Net>
Source record: 208900

I have a kenwood TS 830 for sale x-cond 8kc. split nonsmoker $600

KA3WED e-mail to timtoot@sun-link.com

--
!
!
!
!

5615. 220 MHz gear?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: mjfalk@omnifest.uwm.edu
Message-ID: <4ap921$lrh@omnifest.uwm.edu>
Source record: 208901

I'd like to get up on 220 sometime soon. Can anyone recommend some good equipment for low prices- (preferably an HT)?

Thanks
Mike N9YKZ

5616. Re: TV sweep tubes vs. RF output tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: ignacy@misz.animal.uiuc.edu
Message-ID: <4apdo4$hii@vixen.cso.uiuc.edu>
Source record: 208902

I compared SWAN-500 and IC-735 on the air. The SWAN received a consistent 2S better report and always unsolicited excellent quality reports. The Swan had two TV sweep tubes, and its input power was 350W CW and possibly over 500W SSB. Thus, the SSB output could be in the 300W category. Icom was just a 100W rig. The good TV tubes' peak ratings were excellent for SSB, for which the peak power means more than the average power.

My experiences with the two working DX on 80m could be summarized in one sentence: with the Swan, almost everyone could hear me but I could not hear them, and on the Icom I could hear everyone but they could not hear me.

Ignacy Misztal Ham radio: NO9E, SP8FWB
E-mail: ignacy@uiuc.edu
University Of Illinois 1207 W. Gregory Dr., Urbana, IL 61801, USA
tel. (217) 244-3164 Fax: (217) 333-8286

5617. Re: Keyer Recommendations Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: Jeff Blumenfeld KB3DX <jeffreyblu@aol.com>
Message-ID: <30D00B3F.1530@aol.com>
Source record: 208903

Basically, there are two main choices (Bencher and Vibroplex) and many less popular choices, all of which are advertised in QST. I have used both the Bencher and the Vibroplex, and both have really excellent feel. You can't go wrong with either, and they're in the under $100 range.

5618. 6136 tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-14 00:00:00 UTC
From: leo_parent@mystique.win.net
Message-ID: <339@mystique.win.net>
Source record: 208904

I have 4 6136 tubes - also 11 6au6 let me know your desire.
Leo_parent@mystique.win.net

---
* PowerAccess 1.06 Braniff ran OS/2.

5619. Re: 6146B replacements

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <30d1ad45.5882522@nlcnews.nlc.state.ne.us>
Source record: 208655

On 14 Dec 1995 23:25:52 GMT, hrsil@flinet.com (Ke4wbw) wrote:

> 6146w's will work fine in place of the B's and A's I've switched back and
> forth between all and have not noticed any diff. in performance. The W model
> which I use in my 520s appear to have a tad less output. Any one else notice
> this? I also have a copy of the data sheet for the 6146 A B which show the
> B model to be superior over the A. Anyone with a data sheet for the W?
> Oh well thats my two cents worth.... back to the HW100

I've managed to stay out of this, but the temptation has now overcome me :)

The comments that follow are related to how the tubes work in my particular single radio, a TS-830. I have operated this radio since it was new in 1981. It has performed fairly well, in what would probably be called commercial duty. Except for the first few years I had it, it has been in heavy digital service most of its life. It ran 2 years on amtor with a documented 800 contacts per year, averaging 43 minutes each. When I got into packet and needed an hf port, it was moved to that mode, and a different rig acquired to use for ssb/cw/amtor. It has run dedicated hf packet port service for the last many years. During this time, tubes were a great concern. There were many times that I couldn't keep tubes in it. I would replace them every few months. I had one pair of 6146Ws that I got from Surplus Sales of Nebraska, but they seems (as you said), a bit "stale". They just didn't seem to do well. I finally pulled them. What works? The plain old 6146A works best for me. It seems that 6146Bs run too hot and are too fussy. They are more apt to have parasitics (noticed this in vhf service in two way radios too), and don't last long. The 6146As that I am running right now have been in for over 2 years, and they are still running just fine. I have access to 6146B for free, but just can't keep them in the radio. I won't use them.

Just another wrinkle. Obviously, others mileage does vary.

```
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/
```

mcduffie@hannibal.wncc.cc.ne.us

5620. What equip needed for interpreting cw Morse

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: csshtri@tam2000.tamu.edu
Message-ID: <4asa2u$780@news.tamu.edu>
Source record: 208656

I'm an aspiring ham and I'm going to start "listening in".
I'm wondering what equipment I need to get one of my computers
to interpret morse code ? I'm under the impression a TNC won't
necessarily do this (though I also intend to get into packet).

At my disposal, I have a 386, running Os/2, 286 running Dos, an
inherited Commodore 128 and an itty-bitty TI computer. I'd like
to set up the commodore to do this, but am not sure on the
availability of ham or communications software for the commodore.

Any hints (heck, at this point, I'll take flames, too) would be greatly
appreciated.

-Steve

5621. Re: LOOKING TO PURCHASE A TOROID WINDING MACHINE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1412952215330001@wd1v.mv.com>
Source record: 208713
Cross-posted to: misc.industry.electronics.marketplace,sci.electronics.equipment,sci.electronics.misc,sci.electronics,rec.radio.amateur.equipment,rec.crafts.misc,rec.crafts.metalworking

In article <4aij8t$klo@gap.cco.caltech.edu>, lbliao@alumni.caltech.edu
(lbliao) wrote:

> Please contact via email.
> Thanks a lot!
>
> lbliao

Contact AIREX Corp - Dover, NH Jim Sedgewick -
603-742-3703

FYI: The latest version of Digital Scope.FAQ <303> is on my WWW Home Page.

Best Holiday Wishes!

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr. |_| |_| www http://www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
LeCroy Sales Engineer | | | | | 800-553-2769

5622. Wanted: Mod TM-455a (Kenwood 430mhz allmode)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: CConklin@softkore.com
Message-ID: <4aqccm$190_001@news.sbt.net>
Source record: 208714

The Tm-455a looks like a nice rig, nice specs all down the list, and a nice price. I figure the new price is a result of the relative impossibility of selling a rig that covers 430-440, but not 440-450.

Have not seen a mod for this yet- did Kenwould-not really do something as stupid as make an all-mode rig, with the A suffix (American version) that doesn't cover the 10 megs of the band that has 99.9% of the FM mode (all but repeater Links and ATV audio in this part of the country).

So if you throw out FM, and packet, you are left with a $600, 35watt SSB transceiver?? Questionable value considering Yaesu's Ft-790r2.

Also- does the Tm-455a do the "tranverter display" like the sister TM-255a? (That is display multiples of the operating frequency in the display LCD- real nice addition IMHO).

Chris Conklin
Amateur Radio station N0PAV
Conklin@Forbin.com

5623. Re: More on IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: n4lq@iglou.iglou.com
Message-ID: <DJLs7t.7FB@iglou.com>
Source record: 208715

We have an fm station about 10miles away on 95.7mhz. The entire fm band is overloaded into a garbeled bunch of mush from there all the way down to 88mhz on my IC 706. This is not the case with my $9.95 pocket radio. It easily outperforms the 706. So don't expect much!
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

5624. AM reception in your teeth?!?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: liao@emedia.net
Message-ID: <liao-1412952015170001@jliao-b.liao.emedia.net>
Source record: 208716

here's a question i've been trying to figure out:
a lot of people claim they can hear AM transmissions through
their dental work or bedsrpings. how does this happen? obiviously,
the metalic structure of the dental work and the springs can act as
antenna's but what is demodulating the signal from the carrier?
and what is used to amplify the sound?

anyways, just doing some wondering.

if you have any ideas, it would be really nice if you emailed it
to me!

mucho gracias!

--
--
Albert Liao
<liao@emedia.net>

5625. Re: USA Ham Suppliers-sell to Europe?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: geertj@ripe.net
Message-ID: <DJLtCq.E1u@inter.NL.net>
Source record: 208717

In <4aib16$4fd@oveja.u-net.net> garry@bonney.u-net.com (Garry Walker) writes:

>Hi there I was wondering if there are any US Ham Radio equipment
>suppliers who readily sell equipment to Europe. I am aware of the
>additional 'costs' incurred by this method, however it is still 'in
>many cases' worth the effort. Also are there any US suppliers who
>have their catalogues available via the Internet, I woulld appreciate
>further details.

Some do, though you need a credit card and probably need to FAX a
copy of your license. I have good experiences with HRO; ask for
Barry Onigman of the Salem office.

Please ping me privately if you need more details.

Geert Jan

5626. Help: FTC 1123 Yeasu

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-1412952335400001@grail1110.nando.net>
Source record: 208718

Can anyone identify what type of radio a Yeasu FTC 1123 is??

thanks

mike

redlight@nando.net

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way
represent those of my employer.

5627. WTB:Heath Manual MR-21A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: billrobb@serv01.net-link.net
Message-ID: <4aqf7n$fsu@leol.net-link.net>
Source record: 208719

I really need a manual for a Heath MR-21A Marine Radio Direction Finder. Please pay for manual or copy. Thanks.

Bill.

5628. Re: TH-79 Mods? - th79-all.mod (1/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: eplatt@hooked.net
Message-ID: <30d10b84.51972121@mailhost.hooked.net>
Source record: 208720
Body handling: Inline uuencoded payload not displayed: th79-all.mod

[Inline uuencoded payload not displayed: th79-all.mod]

5629. For Sale TM-742a w/UT-50

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: Robert H&#65533;yvald <72242.477@CompuServe.COM>
Message-ID: <4ashk9ght1@mhafm.production.compuserve.com>
Source record: 208721
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,uk.radio.amateur

To all:

I have a Kenwood TM-742a for sale right out of the box with all
docs and warranties. It is only three months old . Included is the
DFK-7 kit, TSU-7 decoder, and the UT50s module for the extra 50mhz
band, and the Comet SSB-15 tribander antenna as a complete package
for $900.00 plus shipping. There is absolutely nothing wrong with
this unit and the accessories, it has very little TX time less
than an hour, and receive of not more than three hours.

Please E-mail all inquiries to 72242,477
KB2UWJ

5630. Re: ICOM R71A W/ EX309 computer interface

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: jwa@tellabs.com
Message-ID: <1995Dec15.140756.24195@tellab5.tellabs.com>
Source record: 208722

In article <4an2ga$4tc@mrnews.mro.dec.com> klimasewski@fccvde.enet.dec.com (My name is...) writes:
>Does anyone know if the EX309 computer inteface will work with
>software like SCANCAT?
>
>thanks,
>Ken

No. You need the UX-14 CI-IV Interface. You also need the
CT-17 level converter to interface to your computer.

Jack Albert WA9FVP (Fellow Radio Hacker)
Tellabs Operations Inc.
1000 Remington Blvd Voice (708) 378-6201
Bolingbrook, IL 60440 FAX (708) 378-6721

"I'm normal, I'm normal, I'm normal"!

From MTV's Liquid Television

5631. Set time on Sangean 803a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: pboule@bnr.ca
Message-ID: <4as5ao$a4j@bcarh8ab.bnr.ca>
Source record: 208723

Hi Folks,

I've got a Sangean 803a SW receiver that I got on sale a few
years ago as a floor model. As such, it came without manuals.

Try as I might, I can't figure out the magical incantations
needed to set the clock on this little beastie. (Granted, it
doesn't occupy my every waking moment).

Could someone blast me an e-mail with a quick cheat on how
to set the clock and/or alarm on this piece of equipment.

Thanks,

Pat Boule
pboule@bnr.ca

** DISCLAIMER: I don't speak for Nortel/BNR **

5632. Icom IC-751 Scematics/Service

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: dsnowden@ccd.harris.com
Message-ID: <4artai$849m@rs2.ccd.harris.com>
Source record: 208724

I am looking for a copy of scehmatics for the Icom IC-751 xcvr. Or
an original/copy of a service manual would be ok if it has scehmatics
in it.

73 Doug, N4IJ dsnowden@ccd.harris.com

--
Doug Snowden
dsnowden@ccd.harris.com

5633. icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: small@usa.pipeline.com
Message-ID: <4as737$kts@news1.usa.pipeline.com>
Source record: 208725

does anyone have any first hand experience with the newly introduced icom 706 poptable rig. i really want to buy one but i want to get input. thanks a lot.

steven mallalieu kb2cek email- small@usa.pipeline.com

5634. Unofficial info: TH-28

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: ipmet@eu.ansp.br
Message-ID: <4asc3g$mip@church.dcss.McMaster.CA>
Source record: 208726

Does anybody knows any unofficial information about the Kenwood TH-28?
Is it able to receive the 800MHz band?

QRO 73 to all!

Demilson

5635. FM BC on IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: rcarpen@DGS.dgsys.COM
Message-ID: <Pine.SOL.3.91.951215142439.12823A-100000@DGS>
Source record: 208727

The summary review of the '706 in the November issue of the French mag Radio-REF does not mention any reception between 60 and 118 MHz, nor does it mention the 70.7 MHz WBFM IF.

Back then it had not yet received the French equivalent of FCC type approval.

Perhaps the French authorities demand that FM broadcast receivers meet some reasonable minimum performance level...which the 706 certainly can't. On the ham bands, fine...but not on FM BC.

My 706 is on its way back to ICOM to see what they can do about the FM BC reception. Unless they can somehow reduce the intermod, I doubt that they will accomplish anything.

ICOM says I'm the only person who has complained to them about the FM BC reception.

73 de Bob Carpenter w3otc

5636. Re: Keyer Recommendations Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4asi43$bk6@mksrv1.dseg.ti.com>
Source record: 208728

There are a lot of good paddles on the market (and a few crummy ones too). Prices vary widely.

I have a Bencher BY-1 that I bought new in 1978. Yes, it's not as heavily built as some of the others, but I've never had any trouble with it what-so-ever (I treat it carefully, as I do all of my ham gear). I have tried the Vibroplex Vibro-Keyer, Brown Brothers, Ham-Key, Viking Speed-X, and others (but not the Jones or Hi-Mound). I prefer the feel of the Bencher over all the ones I've tried, although the Brown Brothers was also quite nice. Unfortunately, Brown has been out of business for many years, and their keys bring a high price on the used market. The Bencher is a low-priced model (comparitively) and might be a good one to start with. And you might actually like it, as I do, and stick with it! I wouldn't use anything else. :)

BTW, I operate strictly CW, nearly all of it QRP. I run between 20 and 30 words per minute most of the time, and the Bencher keeps up with me just fine. I have been licensed since 1977, and have the Extra ticket.

73,
Dean W. Hemphill, KC5NG
Lake Dallas, Texas

PS: If anyone wants to "flame" me, and try to tell me why my opionion is wrong and theirs is right (like so many of this newsgroup's readers seem to want to do), please do it privately via my e-mail address. I'll probably ignore you but you can at least have your tantrum and make yourself feel like a big shot. -DWH

5637. Re: 6 meter ten tec kit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4asih7$bk6@mksrv1.dseg.ti.com>
Source record: 208729

I have the T-Kits catalog right here in front of me. Let me
paraphrase from it...

Model 1208, Six-meter Transverter Kit, $99.00 (wired, $159.00)

The i-f is 14 MHz (20 meters). Will accept 3 to 5 Watts input
from HF transceiver on 20m, any mode. Not to exceed 5 Watts!!
Coverage on 6m depends on coverage of 20m rig. Typical power
output on 6m is 8 Watts. RF-sensed PIN diode T/R switching,
Fast enough for data communications. Requires 12 VDC @ 3 A.
Full coverage of 6m (50 - 54 MHz) requires a rig that covers
14 - 16 MHz (a lot of modern synthesized rigs can be modified
to transmit out of band, which would meet this requirement).
To work 6m FM, your HF rig has to be capable of FM operation
on 20m (many are not). Repeater offsets would be tricky. It
would require use of dual VFOs or memories in the HF rig to
accomplish this. BTW, they recommend not transmitting above
52 MHz (but don't say why in the catalog).

This is all the info I have. It's from their catalog.

I haven't talked with anyone who's built one of these, but I
have considered doing it myself. I'd like to hear more!

Hope this info helps.
73, Dean KC5NG

5638. Re: Just Testing...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: ipmet@eu.ansp.br
Message-ID: <4asf1g$n4a@church.dcss.McMaster.CA>
Source record: 208730

"Ken (KC6TEU)" <Ken_R_Mason@ccm.fm.intel.com> wrote:

>Just testing using Windows NT....

Hey, Ken, congratulations... Your WinNT seems to work fine. And I hope
my Win 3.1 works also...

QRO 73 frm PU2UEP

5639. Desperate: Palomar 90a Schematic

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4ar8b9$fe0@newsbf02.news.aol.com>
Source record: 208731

An offline ham friend (kd4uug) desperately needs schematic for Palomar HF amp, model 90 A. Covers 10-40 meters. Blue face plate. Two tubes.
Second posting, any leads appreciated greatly. Copy / Postage paid.
Cordially:
Rick Crider
kd4fxa
Monroe NC

5640. WTB: Collins 32S3

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: John M Taylor <john_taylor.gicd@quickmail.ucsf.edu>
Message-ID: <4asqoc$1ppa@itssrv1.ucsf.edu>
Source record: 208732

I would like to buy a Collins 32S3 round emblem transmitter
in good working condition for personal use. Please reply by e.mail.

5641. Assortment of TNC Cables (That Work)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: not@avaliable.here
Message-ID: <4ascgk$45h@ixnews6.ix.netcom.com>
Source record: 208733

I posted yesterday looking for a tnc cable, and I thank those of you that responede in e-mail, but I already found what I was looking for on the web. Here are some of the pin outs that I came across for the Kenwood TM-241a, TM-733 (1200 and 9600) to a KPC Tnc (obviously the 9600 baud goes to a kpc9612 which I do not have and therefore cannot test, but the other 2 work. The wire from the tm-241 also gets it's audio from the mic jack, hence always the right level regardless of volume. If you use this you will need to enter the KPC-3 command "CD SOFTWARE" as the audio that comes out the mic onnecter is unsquelched.)

6Pin DIN = KPC-3
1-1
2-6*
2-9*
3-3
4-Not Used
5-5
6-Not Used

*Ground

KPC-9612 = 6Pin DIN
1-3
2-4
3-1
4-Not Used
5-Not Used
6-Not Used
7-Not Used
9-2*
10-2*
11-2*
*Ground

Kenwood TM-241A to Kantronics KPC-3

8Pin DIN = KPC-3
1 - 1
2 - 3
3 - Not Used
4 - Not Used
5 - Not Used
6 - 5
7 - 6*
8 - 6*
*Ground

http://www.idir.net/~medcalf/ztx/
^^^^A great site with alot of TNC wire diagrams, etc, reccomended to me by the guys at Kantronics.

5642. Re: What equip needed for interpreting cw Morse

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: mcduffie@hannibal.wncc.cc.ne.us
Message-ID: <30d1ed0b.22192061@nlcnews.nlc.state.ne.us>
Source record: 208734

On 15 Dec 1995 17:08:46 GMT, csshtri@tam2000.tamu.edu (Charles Steven Suehs) wrote:

> I'm an aspiring ham and I'm going to start "listening in".
> I'm wondering what equipment I need to get one of my computers
> to interpret morse code ?

Good question. Now, believe it or not, this is a GOOD answer.
The best computer around for doing this is the one between your ears.
Start learning the code, sit down at the keys, and type what you hear.
That is the BEST way to make that computer copy code.

...and it isn't platform dependent, either!

```
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(__)(// (/ ( |(__)(__// |/
/
```

mcduffie@hannibal.wncc.cc.ne.us

5643. Re: [Q] Alinco 6M Mobile Unit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: jwkelley@e4e.oac.uci.edu
Message-ID: <4assqu$pca@news.service.uci.edu>
Source record: 208735

In article <NEWTNews.818898717.20704.Postmaster@GGHERB.MONSANTO.COM>,
<ggherb@ccmail.monsanto.com> wrote:
>
>I have a general question. I am looking get on 6M. Does anyone have
>any comments on Alinco's 6M mobile unit.

You might find the 10 watt output on FM to be a little skimpy, and may end
up wishing you had more power. But I hear guys on them, and they sound
good through the repeaters. Also take a look at the Azden PCS 7500.
Pretty nice radio, 10/50 watts out.

But - be warned, once you have 6 meter FM, you'll want SSB! It's a neat
band. Have fun.

Jim
KE6JPO

5644. Re: 220 MHz gear?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: Justin Bousquet <justinb@psg.com>
Message-ID: <4ast95$i3g@maureen.teleport.com>
Source record: 208736

mjfalk@omnifest.uwm.edu (Michael J. Falk) wrote:
>I'd like to get up on 220 sometime soon. Can anyone recommend some good
>equipment for low prices- (preferably an HT)?
>
>Thanks
>Mike N9YKZ

One word: STANDARD

Your welcome,
AB7NG

5645. want MARS/CAP mod for TM-733A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: rr@merlin.sys.swt.edu
Message-ID: <1995Dec15.170448@merlin.sys.swt.edu>
Source record: 208737

Want MARS/CAP mod for TM-733A:

Can anyone confirm that cutting the green wire W2 which is
across R411 is correct mod to enable MARS/CAP on a TM-733A?

I would rather not remove B0 (R414) which allows TX 136-174
410-470.

73 de KC5FZR
rr@swt.edu

5646. Re: Kenwood TM733 good rig? Like it?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: not@avaliable.here
Message-ID: <4as1u9$1h3@ixnews3.ix.netcom.com>
Source record: 208738

In article <4aq6ct$ha@newsbf02.news.aol.com>, mparkes@aol.com says...
>
>I am thinking of buying a new 733 .. wonder if anyone out there has
>experience with the rig and what you think of it.
>Thanks, Mike KS4DA

I have a tm-733a in my car and I use it extensivly. I strongly reccomend getting the tone decode board because the radio is very suseptable to intermod(that's useless unless the repeaters you use transmit tone, but it helps alot if they do) If you're going to use it a a base I just assembled my packet cable for it yesterday, (will post pin out next) and it okay on 1200baud, I don't have a 9600baud TNC so I cannot test it there.All in all though it's a perfect compliment to my th79a handheld and I love remoting it. I use one of the programable memoried to set the 733 into remote mode then i'm off..Have fun, if you have specitic questions post and i'll be happy to answer..'73

5647. Yaesu FT-736R AGC Problem??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: lloyd korb <korb@xraymkt.picker.com>
Message-ID: <1995Dec15.202315.1314@picker.com>
Source record: 208739

I have noticed an apparent AGC problem with my FT-736R. The only way I can describe it is there is an audio distortion in the slow AGC position when the RF Gain is set fully CW. If you back off the RF Gain pot until the S meter does not move, in other words, if the signal is peaking S9, reducing the gain to the point the S meter rests at S9 eliminates the problem. I'm wondering if it is an attack time problem. I also notice that with no signal input, just background noise, that there is a crackling noise until once again I adjust the gain so the S meter sits above the noise level. Does anyone with the 736 have this problem? Thanks,

Lloyd Korb K8DIO

5648. Yaesu Ft-690mkII

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4aqhoq$1ag@oskgw.osk.sony.co.jp>
Source record: 208740

Does anyone have any mod information for the Ft-690mkII to expand the
receive coverage from 50~54MHz to something wider ?
Peter

5649. Re: WTD:5 12AX7 Vac. tubes.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: berger@bergeron.btv.ibm.com
Message-ID: <4as9ao$l84@mdnews.btv.ibm.com>
Source record: 208741

Electron Tube Enterprises carries New Old Stock USA 12ax7's for $10.00ea
Write for their new FREE 1996 Catalog

Electron Tube Enterprises
Box 8311
Essex, VT 05451

5650. Re: Keyer Recommendations Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: hturn@pelican.davlin.net
Message-ID: <DJM8DG.475@abs.net>
Source record: 208742

msadams@netcom.com (Michael Adams) wrote:

>I presently have a straight key, and have noticed that many of the fast
>people are using paddles. My radio has an electronic keyer module, and I
>was thinking of getting a paddle.

>There are a lot of models. Does anyone have a recommendations?

>Thank you,

>Michael Adams
>KE6BOO
>--
> msadams@netcom.com

Check out a Vibroplex BUG non electronic keyer... fun to play with and
with practice... control like an automatic electronic keyer.
try one before you buy.

Henry Turner
KC5FLJ

5651. LOOKING FOR COMPUTER SOFTWARE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: marcm@cadvision.com
Message-ID: <4ar28h$1rgs@huey.cadvision.com>
Source record: 208743

Looking for computer software to train in moorse code. If it is all possible I am looking for win3.1+ or win 95 prefered. Please also recommend what type of key for the code to use in practice. I am taking lessons towards my licence.

Thank you to all
Maurice

5652. WTB: heathkit, lafayette, allied catalogs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: rew5808 <bwilder@reallink.com>
Message-ID: <4aqvdk$u4a@ferengi.prismnet.com>
Source record: 208744
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.shortwave

looking to byt heathkit, allied electronics, lafayette catalogs from 1955
thru 1965. if you have any laying around, please let me know.

bobby wb5wur

5653. Re: TH-79 Mods? - th79-all.mod (0/1)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: eplatt@hooked.net
Message-ID: <30d10b2b.51881178@news.hooked.net>
Source record: 208745

behrens@ita.fhg.de (Volker Behrens) wrote:

>Hello YLs und OMs,
>
>did anyone have the MARS-modification for the TH-79 ?
>
>What is the frequency-range after the mod ?
>
I hope this has already been answered, but if not..

5654. ****FS: MOTOROLA P200*****

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: ac911@ix.netcom.com
Message-ID: <4aqqpm$n2p@cloner2.ix.netcom.com>
Source record: 208746

Motorola P200 / 6 channel / UHF , overnight desk top charger.
4 years old
Will sell --- $250.00

Email if interested , in working condition
Patrick Grifiin
Ac911@ix.netcom.com

5655. WANT: DENTRON 2 METER AMP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: Gary <design@thereporter.com>
Message-ID: <4aqs6t$kpq@miwok.nbn.com>
Source record: 208747

I am interested in locating one of the Dentron 2 meter amps, the one using the 250B in the final. Want a mint condition unit ONLY! No junk or otherwise inferior gear considered. Respond with all particulars, including price to:

Gary, design@thereporter.com or: KJ6Q@WA6HAM, or 707-448-5221.

73.

5656. DEMO DATABASE FOR RADIO BROADCAST STATION IDENT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: charles bolland <chuck@flinet.com>
Message-ID: <4as409$c9@news.flinet.com>
Source record: 208748
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Hello,

I have a Database Demo program which helps identify Radio Broadcast Stations. If you would like a copy, send your Email address and I will send the program via Email.

The program runs from DOS and is a stand alone program which needs no other platform to run.

It's easy and installs quickly..

Hope to hear from you.

Chuck Bolland

5657. WTB: Kenwood IF Filters for TS-850/450

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: gbohner@aol.com
Message-ID: <4as4ei$kne@newsbf02.news.aol.com>
Source record: 208749

I would like to buy the 500 hz and 1.8KHz If filters for Kenwood.
YG455C-1, YK88SN-1
GBohner@aol.com
W6LJL

5658. 80M Small Antenna recommendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: gbohner@aol.com
Message-ID: <4as4ik$kph@newsbf02.news.aol.com>
Source record: 208750

I live on a typical 80x100 suburban lot and would like to get on 75/80 meters. My current antenna is R7-vertical which works great but does not cover 80. Any recommendations? Has anyone used the GAP Titan DX?

5659. GAP Titan DX Ant - does it work?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: gbohner@aol.com
Message-ID: <4as4kp$kqf@newsbf02.news.aol.com>
Source record: 208751

I want a suburban tract house antenna that works on well on 75/80 meters.
Anyone have experiece with the GAP Titan on 75/80? Or suggest another
small antenna that fits on a roof and that does not require huge radials.

5660. WTB: 2 Meter forTM-741

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: kc6rzy@netvoyage.net
Message-ID: <4aqu14$eq2@news.netvoyage.net>
Source record: 208752

I need a 2 Meter unit for my TM-741 unit
the one in my unit took a Shi_ and Kenwood can
not fix it so I am told.

Thanks Steve kc6rzy@netvoyage.net

5661. 75A3 Schematic or Manual Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819109797.17077@pinetree.microserve.com>
Source record: 208753

I'm posting this for a friend who needs a schematic for his receiver.
If somone could make a copy, I'd be glad to pay the costs.
Alternately, is anyone still selling repro manuals for this model?
Was there a service manual that's different than the standard owner's
manual? I don't know if Collins made changes through the production
of the 75A3, but this particular receiver is S/N 1200.

Thanks & 73,

Jack WB3U

5662. ********** NEED MIC **********

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-15 00:00:00 UTC
From: hamster@loose.org
Message-ID: <4aruin$cmb@sparky.wrlc.org>
Source record: 208754

Have old KDK FM-240 rig but no mic. Would like a mike with UP/DWN switches and maybe DTMF pad. If you have a spare you would like to part with, reply here.
Thanks ahead of time...
Merry Christmas

5663. WTB HF TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: Gary Eden <geden@ozonline.com.au>
Message-ID: <30D222A3.249B@ozonline.com.au>
Source record: 208657

Anyone have a second hand HF TNC for sale?

Reply to Email geden@ozonline.com.au

5664. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: jboyd@icon.net
Message-ID: <4atbek$2oj@news.icon.net>
Source record: 208658
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

gregkopp@en.com (Greg Kopp) wrote:

>Have you ever bought anything from Oklahoma Comm Center (1-800-765-HAMS)??

>I'm looking at buying a radio mail order from them. They are $30 cheaper
>than most other stores with free shipping and I'm not sure of thier
>reliability.

>e-mail to gregkopp@en.com or n8jms@cars.org

I LIVE in OKC, and I buy from them regularly. For the most part
they're nice guys, and they seem to work hard to take care of their
customers. I've made the same discovery, i.e., they're cheaper than
most of the other mail order places. Give them a try, I don't think
you'll be disappointed. Tell them KC5KBC/John gave them a thumb's up!

73!

5665. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: Harold Alexander <alex@rmii.com>
Message-ID: <4at42n$2sj@natasha.rmii.com>
Source record: 208659
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

I purchased a Yeasu FT-840 from them and have been very pleased with the radio and their response to my needs.

5666. Re: Help! Yaesu FT-51R Modifications?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: wagnerjw@msn.com
Message-ID: <4atmde$4qg@loki.novalink.com>
Source record: 208660

check out http://www.qrz.com

They have a couple of pages in their radio mods file, for full out of band transmit, and a diagnostic mode that allows keyboard control of modulation.

5667. Re: IC-706 mods clarification

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: Robert H&#65533;yvald <72242.477@CompuServe.COM>
Message-ID: <4atbjv$3a2$1@mhadf.production.compuserve.com>
Source record: 208661

Is there any work around to get the power up on the VHF side of
this Mod?

5668. Re: Radio Cards?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: jkess@watson.ibm.com
Message-ID: <4atcnv$tt0@watnews2.watson.ibm.com>
Source record: 208662
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

In <feustelDJnLoq.865@netcom.com>, feustel@netcom.com (David Feustel) writes:
>I'm looking for an IBM pc compatible shortwave (and/or wideband) radio
>card that I can run with os/2. I'd like to be able to turn the radio
>on/off at specified times and also to be able to set the frequency and
>receive mode (am, (wide/narrow) fm, lsb, usb, etc).
>I also would like to be able to save to disk the digitized audio output
>from the radio.

Your best bet is probably not to look for an adapter card, but for a
synthesized-frequency reciever that can be controlled via a standard
RS232 port. If you want to digitize the audio, feed the output of that
into a soundcard and record away. That combination is more likely to
be available, doesn't require anything beyond standard device drivers,
is probably more versitile in the long run (you can run the radio even when
not connected to a PC), and so on...

Warning: Digitized audio burns huge amounts of disk space very quickly.
Unless you've got gigabytes and/or are only capturing VERY short samples,
I suspect that audio tape is a better solution.

5669. WTB: DENTRON 2 METER AMP>

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: Gary <design@thereporter.com>
Message-ID: <4ate3n$al4@miwok.nbn.com>
Source record: 208663

I am looking for a mint condition Dentron 2 meter amp. I don't remember the model number, but it runs a 4cx250-b. No junk considered.

KJ6Q@WA6HAM, or design@thereporter.com, or 707-448-5221.

5670. Fix your MFJ Mod. 986 Tuner before it breaks

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: rfreeman@earthlink.net
Message-ID: <30d23bc4.2953536@news.earthlink.net>
Source record: 208664

To all hams:

If you have a MFJ tuner Mod. 986, the shaft in the roller inductor may break at any time. The problem is the hole in the front panel is slightly higher than it should be so the shaft is bent all the time. To correct this 4 washers need to be put under the roller inductor to raise it to match the front panel hole. I drilled holes in four pennies and used them. They seemed to be just the right size. Doing this will save you the $55+ fee that MFJ charges for a new roller inductor when the shaft breaks.

Yes, MFJ is aware of this design flaw.

Post any questions.

Richard, KB6CEA

5671. Re: Where to get crystals?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: Andy Brinkley <brinkley@ols.net>
Message-ID: <4atb78$qog@server2.ols.net>
Source record: 208665

You might want to try Bomar Crystals at 800-526-3935. I have had the best results from them. They have a lifetime guarantee on their crystals and the Maxon's are probably about $10.00 each.

Andy (N4ROX)

5672. Guide to the Personal Radio Newsgroups

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: jmaynard@admin5.hsc.uth.tmc.edu
Message-ID: <radio/personal-intro_819120423@rtfm.mit.edu>
Source record: 208666
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.info,rec.answers,news.answers

```
Posted-By: auto-faq 3.1.1.2
Archive-name: radio/personal-intro
Revision: 2.1 1994/11/01 03:50:23
Posting-Frequency: posted on the 15th of each month

This message describes the rec.radio.amateur.*, rec.radio.cb,
rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet
mailing list counterparts and complements. It is intended to serve as a
guide for the new reader on what to find where. Questions and comments may
be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at
jmaynard@admin5.hsc.uth.tmc.edu. This message was last changed on 31 October
1994 to add the discussion of non-Usenet mailing lists and streamline most
of the history discussion, and to change the moderator information for
rec.radio.info.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list
for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions
were held on the mailing list, and sent to the mailboxes of those who had
signed up for it. When the Usenet software was created, and net news as we
now know it was developed, a newsgroup was created for hams: net.ham-radio.
The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became
progressively higher. First one by one, and then as part of two
reorganizations, what was once one group became many. In the process,
developments elsewhere on the net were reflected in the groups as they were
created, most notably the change to place all of the ham radio groups in one
hierarchy.

The collection of newsgroups continues to grow as more people join the net,
and as more topics of discussion gain volume, I expect to see more groups be
created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the
notable exception being rec.radio.swap. There are also a few mailing lists
that don't have newsgroups.

The Current Groups
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It's important to post messages to the group that's appropriate for them,
and not to the groups that aren't. The whole idea of having different
```

newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec-radio-info@stat.com. Inquires and other administrivia should be directed to rec-radio-info-request@stat.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas.

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send email with the word "subscribe" on a line by itself to cq-contest-request@tgv.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to

dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

All of the following mailing lists are sponsored to the Boston Amateur Radio Club, as well as some others of local interest. Thanks to N1IST for the information.

qrp-l: This is the qrp mailing list, previously maintained by Bruce Walker at Think.com. It is for discussions about the design, construction, and use of qrp (low power) radios and related equipment.
arrl-ve-list: This is a one-way list, run by Bart Jahnke of the ARRL VEC, for announcements to VEs and VE teams.
w1aw-list: ARRL bulletins, news, and information
newsline-list: Redistribution of Amateur Radio Newsline
letter-list: Redistribution of the ARRL Letter
fox-list: Fox hunting and Radio Direction Finding
fieldorg-l: ARRL field organization discussions
ham-tech: Technical discussions and questions about Amateur Radio
arrl-exam-list: amateur radio license examinations scheduled in the US and in some foreign areas.

To sign up or inquire about these lists, send mail to listserv@netcom.com with the following in the body (subject is ignored) of the message.
<listname> is the name of the list to subscribe to.
To subscribe: subscribe <listname>
To unsubscribe: unsubscribe <listname>
For more information: help
To post (to the two-way lists), send your message to <listname>@netcom.com

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while

still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
"All is strange and vague." "Are we dead?" "Or is this Ohio?"
-- Yakko and Dot Warner

5673. Yaesu 51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: Stefan Kowal <100627.3426@CompuServe.COM>
Message-ID: <4aumbi$pv1$1@mhafm.production.compuserve.com>
Source record: 208667

Yaesu 51R

Has anyone tried modding this radio? If so how did you do it and what results did you get? I am particularly interested in RX at 70Mhz. The ability to switch AM, FM across the whole of the RX capability also looks like a bonus.

Stefan, G0BJW
CompuServe 100627,3426

5674. Re: TNC to Realistic hand-held?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: duane@ripco.com
Message-ID: <DJopw7.9w5@rci.ripco.com>
Source record: 208668

David Roll (droll@cableregina.COM) wrote:
: I'm just starting to get back into radio, due to cost restrictions i'm
: purchasing a Realistic HTX-202 VHF handheld transceiver. I would like to
: get into packet radio on a low end, so my question is, is it possible to
: hook a standard TNC into this hand-held? Also any other infromation on this
: particular set-up or in general would be greatly appreciated.

: Thanks,
: David Roll
: VE5 ???

Yep, I used a HTX-202 with a AEA PK-232 TNC, so no problem doing it. It is a
good idea to use the radio with an outside ant. and a clean power supply.
-Duane N9SSN

--
>>>> Duane Whittingham - N9SSN - Dedicated to TVRO & Radio Broadcasting! <<<<

duane@ripco.com (MHGC -- Damian Smith)

>>>> Tom & Darryl TVRO Show Returning to Satellite Soon! Watch This Space <<<<

5675. Alinco DJF 1T mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: palermo@pegasus.rutgers.edu
Message-ID: <4ausk3$aa7@pegasus.rutgers.edu>
Source record: 208669

Is there a keyboard hack fort this radio? I have the "cut this wire" mod
from oak.oakland.edu. Just a little shy of going into a new radio this early.

Thanks

5676. Motrac Uhf tx help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <819109508.AA04600@hamlink.mn.org>
Source record: 208670

>Henry Schwartz asked:
>Need help on getting mods for a Motorola UHF repeater on 460.000 Mhz.
>Need info for dropping frequency to 442.000 MHz. The repeater is a
>Motorola MOTRAC 60 Watt UHF base station, Model C74MSY3101AT. I need
>info to move the exciter down, maybe any info on parts changes that was
>used on same model in the 406 to 420 Mhz band would be of help. The rx
>tunes fine.
>
>thanks
>Henry Schwartz, N0QPJ

I am just cross posting the message here to help Henry. The system is an old police base station we inherited for our ARES/RACES repeater. Henry verified it worked on the original 460 frequencies and was able to tune the receiver down to 447 MHz but hasn't been able to get the exciter working on 442 MHz yet. He has verified the power amp works on 442 MHz so the problem has to be in the exciter. Has anyone had experiance making a MOTRAC transmitter tune in the bottom end of the band? If you post your answers here or email them directly, I'll make sure Henry gets the info. Thanks for the help.

Doug Reed, N0NAS email: n0nas@hamlink.mn.org

* SLMR 2.1a * If this were an actual tagline, it would be funny.

5677. KENWOOD TS-120S FORSALE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: rdawson@prairienet.org
Message-ID: <4auei4$81c@vixen.cso.uiuc.edu>
Source record: 208671

hello, i have a kenwood ts-120s for sale, this is a ten through 80 meter
rig, and does cw and ssb, it does 100 watts, has vox.anda 500 hz cw filter
unit is clean and works well
300 bucks firm
you ship or pick up my qth is champaign illinois
thanks and 73 de rich n9rzd

--

5678. Re: 6 meter ten tec kit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: djarrell@pixi.com
Message-ID: <4atpsd$b9j@rigel.pixi.com>
Source record: 208672

In article <95348.110049U12566@uicvm.uic.edu>,
James F. Foerster <U12566@uicvm.uic.edu> wrote:
>I heard part of a discussion on a local repeater -- $90 for
>the kit. 12 watts ssb; 8 watts fm and 4 am. Has anyone
>seen literature or have any experience? They said the
>manual looked as thorough as on old heathkit manual.
>
>73 de N9UZG
==========
I have one. Works great! Good materials and manual.

From the Desk of:

Dave Jarrell
Amateur Radio Station - AH6OB
Honolulu, HI

E-mail: djarrell@pixi.com

5679. Re: IC-706 VHF Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: kd6lza@quick.net
Message-ID: <30d26494.1354646@news.quick.net>
Source record: 208673

v-ntxes@microsoft.com (Eric E. Scott) wrote:

>Is there way of getting the Scematics for the IC-706? I have one and I
>would like to open up the TX on the HF side of things. However When I
>tried to find the D59 diode I couldn't.
>
>Thanks
>
>Eric E. Scott
>KC7KLZ

Give ICOM a call and they will send you a schematic for free. The service manual costs
$30 dollars and is suppose to be out in January.

What John doesn't know is that we replaced the coffee
he NORMALLY drinks, with a new, low-grade fiberglass.
Let's see what happens...

5680. VACUMN TUBES

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: leo_parent@mystique.win.net
Message-ID: <350@mystique.win.net>
Source record: 208674

again I AM NOT A DEALER I have 17 boxes of tube 388 tubes - I have
2 Collins Final amp tubes - If anyone needs tubes send a sase to
Leo Parent@10133 Hoop Ct.Port Richey,FL 34668 with a request for
your needs TNX LP KB2WK

---
* PowerAccess 1.06 This looks like it is working. Great

5681. WTB: Mosley TA33-JR Tribander

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: CBAX63A@prodigy.com
Message-ID: <4au2rr$188o@usenetp1.news.prodigy.com>
Source record: 208675

I will pay cash and shipping to PHOENIX AZ for good to excellent unit. E-Mail me or call 800-399-4383 x765 anytine 24 hours.

- ROLAND S GETER SR
CBAX63A@prodigy.com

5682. Re: Limits to DSP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: willco788@aol.com
Message-ID: <4atmgr$9s2@newsbf02.news.aol.com>
Source record: 208676

Anyone think about the real limits of DSP? I have wondered how
much a really powerful machine could do. Suppose we wanted to
do DSP at a "real" Intermediate Frequency, say 9 MHz. How often
do I need to sample to do a good job for DSP? How much of the
processor time would be needed for the algorithm? Can we ever
get there?

Clark
WA3JPG

How About this? It's software that runs on the Hamblaster.
The software also copies morse code and displays the text
on the PC screen.

"MOON", MORSE CODE FILTER APPLICATION PROGRAM

The Moon filter is a very sharp narrowband linear phase filter that's
adjustable to 1 hz bandwidth with a transition region of 1/2 hz providing
60
db attenuation. The very narrow bandwidth and high resolution tuning
of the center frequency provides audio filtering that is ideal for Moon
bounce and other low signal/ high noise applications.

The bandwidth is adjustable in powers of 2 providing a usable CW filter
down
to 16Hz and a maximum bandwith of 1024 hz. For normal code applications
64 Hz is adequate. The filter's center frequency is tunable from 100 Hz
to
3000 Hz in 0.1 Hz steps. Without touching the radio's dial, the high
resolution
tuning allows the user to zero in on the signal and by pressing "T" on
the
computers key board, the Moon filter will automatically lock (even during
noisey
conditions) to a CW signal.

The software takes advantage of the Hamblaster's codec (D to A, A to D
converter) which uses a 14 bit analog to digital conversion and provides

a wide dynamic range AGC (Automatic Gain Control). The Noise
reduction feature, using a "non linear process" (somtimes called a center
clipper)
reduces the noise floor and ringing when narrow filters are selected.

To invoke the program simply call the .exe file "MOON" from the DOS
prompt. The datafile "M00N.BIN" must be in the same directory as the

call is made from or in an available directory using the PATH or APPEND DOS commands.

Controls:

Menu selection is performed by pressing the highlighted letters in the displayed menu. Then depending on the menu choice use the up/down or left/right cursor keys to provide further selection. Unique keys are selected for all menu selections to allow jumping from any menu option to another menu option with a single key selection.

The following menu option controls are provided for the MOON Filter:

Gain: Used to control the signal level into the MOON Filter. The up/down cursor controls provide squelch, 0db, +6db and +12db gain when this menu option is selected. The gain selected is displayed by the number of rectangular blocks displayed.

Volume: Provides variable output volume (independent of the input gain selection). The Volume selection is made using the left/right cursor keys. Squelch, -12db, -6db and 0 db volume level is provided. The number of blocks displayed represents the volume level selected.

Center frequency: Provides a rapid way to increase or decrease the center frequency of the filter. The numeric keys 1, 2, 3 and 4 provide the jump frequency provided by the up/down cursor keys. The corresponding jump frequencies are 0.1 Hz, 1 Hz, 10 Hz and 100 Hz for the numeric key selected. There is no operator feedback for the jump frequency selected other than the frequency jump that occurs when the up/down cursor keys are selected when this menu option is highlighted.

Tune: When depressed the filter center frequency is adjusted when a signal is present to center the filter around in input signal frequency. The filter jump frequency used is related to the jump frequency selected using the numeric keys 1-4. This closed loop system may exhibit some instability if large signal is present and a large jump freuency is selected. In general use a low jump frequency to center the filter especially for the very narrow bandwidths.

Xchange: The exchange menu selection simple stores the current center frequency and swaps it with the previously stored center frequency. The default initial stored center frequency is 600 Hz. The exchange alse stores and exchanges the AGC setting for the exchanged frequency.

Bandwidth: When the Bandwidth menu option is selected the up/down cursor keys provide a method to change the bandwidth over the range of 1024 Hz down to 2 Hz (1 Hz for sample frequency = 4000 Hz). The bandwidth changes by a factor of 2. Finer resolution of filter bandwidth can be achieved by changing the sample rate.

Sampling frequency: When the Sampling frequency menu option is selected the up/down cursor keys provide a method of changing the sampling frequency over the range of 4 kHz to about 10 kHz.

Noise Compression: This menu option is particularly noticeable in high noise situations especially if narrow bandwidth filters are selected. The feature centercips or nonlinear compression of the signal is performed to cut background noise or output ringing due to noise energy being present in the passband of the filter.

AGC: This provides additional input signal gain or attenuation to provide optimum signal input for the filter algorithms. Some experimentation and experience is required to know when it is desirable to enable the AGC control. Momentarily turning on the AGC will cause the input signal to the filters to be optimized. Low values of AGC are best to be avoided by reducing the signal level from the radio. The optimum AGC signal level is between 80 and 127 for most applications encountered.

Morse parameters: Once a strong signal is received the Morse code decoder is enabled. The Morse code timing parameters are constantly being adjusted if the Morse parameters are allowed to adapt. While the signal is strong it may be a good idea to "FREEZE" the Morse code decoder timing parameters.

Display: There are two display options available by toggle the Display ("D") key.
1) The Signal/Tune screen allows observing the Signal and tuning parameter as a function of time. The tuning parameter indicate if the filter is tuned high or low when the signal is present.

2) The I&Q display provides a rotating display. When the signal is centered in the filter bandpass the display will stop rotating. The rotation frequency and drift are caused by the transmit and recieve local oscillator frequency.

Jack Albert WA9FVP

5683. FS: Yaesu FRG-8800

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: jlevin@panix.com
Message-ID: <4av01b$fe9@panix.com>
Source record: 208677

For Sale: Yaesu FRG-8800 Shortwave Receiver; excellent condition; $300.00

Will throw in a Dressler ara-30 Active Receiving Antenna

If interested, email Jed Levin <jlevin@panix.com>

5684. Ten-Tek 6m Transverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: erik@ve7mdl.ampr.ORG
Message-ID: <18324@ve7mdl.ampr.org>
Source record: 208678

Jim,

It is a very good kit. I built one this Fall. It even worked the first time!

Well, with the amount of instructions, you really can't go wrong. I found the receive portion much more sensitive than any other 6 m converter, I ahve built. I have built two more - one was a Hamtronics.

You do need some kit building experience, in my opinion, before tacling something like this. But it is well worth the effort.

Hope to hear you on Six in the Summer.

73 de VE7MDL ....Erik.

5685. attn: R-390A Users

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: n5off@aol.com
Message-ID: <4avafe$o6c@newsbf02.news.aol.com>
Source record: 208679

Reply to: n5off%w5ddl.aara.org@usl.edu or N5OFF@aol.com

To get a copy of the subject list, send an Internet message to:

listproc@theporch.com

leave the subject line blank

in the body of the message type

get boatanchors r390a.users

Thanks to all who have contributed R-390A info. We have data on over180 rigs from 17 contracts. The lowest serial number seen was 2, and the highest in a given contract was over 6000. Contributions include those from Dittmore-Freimuth and Fowler Industries contracts, as well as an EAC Industries consumer products run.

As I mentioned in earlier posts, I am compiling a survey of R-390A's owned by people who frequent the packet and Internet boards. The object of the
game is to try and ascertain how many contracts were let for manufacture, and how many were made.

If you wish to participate in the census and you own one or more R-390A's (or spy them on ships, hamfests, or just anywhere), please go take a peek at it (them) and then reply to me with this information:

1) maker (EAC, Motorola, etc)
2) order number (63-PH-54 for ex) from the front tag
3) serial number off of the front tag
4) any unusual features (tags, stamps, frequency shield, etc)

The list includes an accounting of the contributors, however, the names are not matched with the rigs. If contributors have a desire to sell their rigs, I'm sure they will speak up, so you won't get any cards or letters from making a data contribution to the list.

Thanks,

de tom n5off%w5ddl.aara.org@usl.edu or N5OFF@aol.com Internet
n5off@k5arh.la.usa packet

5686. Re: RF Series 1550

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: n5off@aol.com
Message-ID: <4aval5$o94@newsbf02.news.aol.com>
Source record: 208680

That radio is (was) made by Harris.

It can be put on 2M. Contact Harris in Rochester NY.

I have done it. Don't use JAN for xtals as they screw up on the tx rock.
Contact BOMAR for that.

73 de n5off

5687. binaries

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: tmedin@che2.CHe.umn.EDU
Message-ID: <42066.tmedin@che2.che.umn.edu>
Source record: 208681

is nobody but me tired of receiving these low audience binaries? why
can't these be stuck in an FTP site, or sent over e-mail?

t medin
n0ufm

5688. Yaesu DVS-3 for sale VHF/UHF accessory

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: wilsonsatx@aol.com
Message-ID: <4aut0p$j3v@newsbf02.news.aol.com>
Source record: 208682

I have a DVS-3 digital voice system for sale $95, I'll pay the shipping.
This is a great accessory for many Yaesu VHF/UHF rigs. It adds digital
voice mail box type operation. Store messages for others to retrieve with
touch
tones. E-Mail: wilsonsatx@aol.com
WB5NBQ, Ron Wilson

5689. WANT DENTRON 2 METER AMP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: Gary <design@thereporter.com>
Message-ID: <4av0ap$3e3@miwok.nbn.com>
Source record: 208683

Looking for mint condition Dentron 2 meter amp. I don't know
the model number, but it runs a 4CX250-B in the final.

Reach me at: design@thereporter.com. or 707-448-5221

KJ6Q, Gary.

5690. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDJou04.4II@netcom.com>
Source record: 208684
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

In article <4atbek$2oj@news.icon.net> jboyd@icon.net (John Boyd) writes:
>gregkopp@en.com (Greg Kopp) wrote:
>
>>Have you ever bought anything from Oklahoma Comm Center (1-800-765-HAMS)??
>
>>I'm looking at buying a radio mail order from them. They are $30 cheaper
>>than most other stores with free shipping and I'm not sure of thier
>>reliability.
>

Add me to the list of satisfied customers - I called to order a used radio last tuesday, and it was in my hands on Friday (in Denver). The shipment included MORE accessories than they originally claimed, they didn't charge for shipment, everything was in excellent shape and well packaged. Definately pleased at this end.

73 Dave WB0GAZ dgf@netcom.com

5691. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: g_reed@icon.net
Message-ID: <N.121695.124112.74@icon.net>
Source record: 208685
Cross-posted to:
rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.swap

> Have you ever bought anything from Oklahoma Comm Center (1-800-765-HAMS)??
>
> I'm looking at buying a radio mail order from them. They are $30 cheaper
> than most other stores with free shipping and I'm not sure of thier
> reliability.
>
> e-mail to gregkopp@en.com or n8jms@cars.org

Hi Greg,

I live a few miles from Oklahoma Comm Center and drop by often for a chat with Mike and Tony. They are the two guys you will most often deal with when calling on the phone. They are both knowledgeable active hams and are glad to share their experiences to help you pick out the rig that is right for you. I have never seen a better price on equipment or support for the buyer. I will admit that they are more geared for mail order than counter sales and if you walk into the showroom, you might wait awhile before they get around to helping you. If you are looking for reassurance, you have it. They are on the up and up and serious about selling you ham gear now and in the future.

P.S. - If you talk to Mike, tell him Glenn said he is a bottomfeeder. If you talk to Tony, have him pass the message to mike. o<:-)%

<><><><><><><><><><><><><><><><><><><><><><><><><><><><><>
<> Glenn Reed <>
<> OK Wing Communications - C.A.P. <>
<> Sooner 44 <>
<> KF5XB <>
<><><><><><><><><><><><><><><><><><><><><><><><><><><><><>
Note: The above remarks do not necessarily
represent those of anything sentient.

5692. Stolen Yaesu FT-415 HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.11207.7583.0NFBBA83@woodybbs.com>
Source record: 208686

Subject: Stolen Yaesu FT-415 HT

>>...stolen Yaesu FT-415 serial number 1K-040411...

Sorry about your loss.

Are you a Member of the ARRL? They have an excellent Insurance Policy
for us. Won't help you now...but worthwhile looking into for the future.
---
 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

5693. Icom Batt on HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.11208.7583.0NFBBA84@woodybbs.com>
Source record: 208687

Subject: Icom Batt on HTX-202

HTX-202 "ER2" indicates a PLL unlock. The radio gives this error if the PLL alignment is off or if the transmitted signal interferes with the internal PLL frequency. This error has been reported most frequently when using the supplied "rubber ducky" antenna with either a high-power battery pack or with an external DC source.

According to the internal Tandy memo, the fix for this is to use an external antenna when using external DC power. The memo goes on to say that if the problem persists, send the transciever to the repair center.

Is your unit new? If so, take it back for another.

I have read about this problem, but never experienced it first-hand with the six or so HTX-202s that I've worked with. On 12VDC from all sorts of power sources.

clint.bradford@atdbbs.com
---
* TLX v4.00 * Useless laws weaken the necessary laws.

 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

5694. What Ham Radio Manufature

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.11209.7583.0NFBBA85@woodybbs.com>
Source record: 208688

Subject: What Ham Radio Manufaturer gives the best customer service??

>>Is it Kenwood, Icom, Yaesu, Ten-Tech, or Alinco?

Where's STANDARD in that list?
---
 wcECHO 4.1 AR-Net: ATTENTION to Details Mira Loma, CA 909-681-6221

5695. Re: Set time on Sangean 803a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: kharker@cs.utexas.edu
Message-ID: <kharker-1612951424120001@slip-35-1.ots.utexas.edu>
Source record: 208689

In article <4as5ao$a4j@bcarh8ab.bnr.ca>, pboule@bnr.ca (Patrick Boule) wrote:

> Hi Folks,
>
> I've got a Sangean 803a SW receiver that I got on sale a few
> years ago as a floor model. As such, it came without manuals.
>
> Try as I might, I can't figure out the magical incantations
> needed to set the clock on this little beastie. (Granted, it
> doesn't occupy my every waking moment).
>
> Could someone blast me an e-mail with a quick cheat on how
> to set the clock and/or alarm on this piece of equipment.
>
> Thanks,
>
> Pat Boule
> pboule@bnr.ca
>
> ** DISCLAIMER: I don't speak for Nortel/BNR **

Setting time

1. Press MODE button
2. Press STORE button (CLOCK should now be flashing)
3. Use UP and DOWN controls or the tuning knob to adjust the time

Setting alarm

1. Press TIMER (on top of case)
2. Press STRORE (STANDBY should now be flashing)
3. Use UP and DOWN controls or the tuning knob to adjust the alarm time
(in 24 hour format)
4. Wait. As long as STANDBY appears in the LCD, the alarm is set.
5. To disable alarm, press TIMER to toggle STANDBY off.

(From the Realistic DX-440 manual - should be the same)

Kenneth E. Harker kharker@cs.utexas.edu
University of Texas at Austin
Department of the Computer Sciences Amateur call: N1PVB
Taylor Hall TAY 2.124
Austin, TX 78712-1188 USA http://www.cs.utexas.edu/users/kharker/

5696. TS430S Mic connector

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: zentekno@wing.net
Message-ID: <zentekno-1612951242080001@ppp3381.wing.net>
Source record: 208690

Hey!

Does anyone know the manufacturer for the mating side of the TS430S mic connector? It looks like a Hirose, but the 430S users manual and service manual refer only to Kenwood numbers... Many thanks in advance. I'm on my way to my ticket, and am getting the gear together. It only took me about 20 years (darn code)!

tim

5697. Looking for PS for Kenwood TS-430-S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: uhclem@nemesis.lonestar.org
Message-ID: <DJpDFD.9zB@nemesis.lonestar.org>
Source record: 208691
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

I am looking for a power supply for or compatible with a
Kenwood TS-430-S. Supposedly the matching power unit
is no longer made (although a newer model might be compatible).

The xceiver has the power connector marked (6-pin molex) as
13.8V @ 20AMPs.

Any pointers? I am looking new and used.

Thanks. If possible, please reply by mail - news delivery here is slow...

Frank Durda IV <uhclem@nemesis.lonestar.org>|"The Knights who say "LETNi"
or uhclem%nemesis@fw.ast.com (Fastest Route)| demand... A SEGMENT REGISTER!!!"
...letni!rwsys!nemesis!uhclem N5VFV |"A what?"
...decvax!fw.ast.com!nemesis!uhclem |"LETNi! LETNi! LETNi!" - 1983

5698. program info ft23-r

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-16 00:00:00 UTC
From: donb29@tcd.net
Message-ID: <4ati37$76a@news.tcd.net>
Source record: 208692

A friend of mine just bought a yaesu ft-23r and it did not come with a manual. he needs to know how to program the tones. if you can help with this info. please let me know.
thanks and 73 Don

5699. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <4b1v1m$8e3@news.iii.net>
Source record: 208605

Yea,
That kind of article makes me want to publish the code!
Perhaps that's because I "know' the HC11. And infact have already
written code for my auto-tuner. (It used stepping motors to drive
variable caps and coils.)

But, flatly stating the code is NOT available to Hams is just waving
a red flag.

I disagree with the ARRl for publishing a "construction" article,
and allowing this kind of advertizement.

Tom
WA1RHP

5700. HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: ihoare@ccinet.ab.ca
Message-ID: <4b1u3g$ghs@news-2.ccinet.ab.ca>
Source record: 208606

Does any body know if radio shack htx-202 can be modified to cover commercial band to 172 Mhz.
how well does the htx-212 2m mobile perform?

Thanks VE6IMH

5701. Help with Icom 481H Mods..Please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: pete@my.home
Message-ID: <4b26ma$f7r@usenet.pa.dec.com>
Source record: 208607

Hello All

I have an Icom 481H that I would like to get expanded tx on. It currently only transmits between 430-440MHZ . I understand the US version transmits between 440-450mhz.

Could someone PLEASE enlighten me on how to get expanded TX...

Thanks..
Peter

vk2yx@vk2tgb.nsw.aus.oc
p.illmayer@sno.mts.dec.com

5702. 6LQ6 Needs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: dickd@magicnet.net
Message-ID: <4b15m0$gbs@comet2.magicnet.net>
Source record: 208608

I am looking for a supply of 6LQ6 sweep tubes for my Amp Supply LA-1000.
They use to be cheap and available, but my how times have changed!!!
If any one still knows of a reasonable supply please let me know here.
Also I think the 6MJ6 and the 6JE6 are interchangeable.

Thanks for the input.

Dick

5703. HF Low Pass Filter Advice???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: billv21572@aol.com
Message-ID: <4b2dvn$pjl@newsbf02.news.aol.com>
Source record: 208609

Since I've returned to amateur radio, my wife notes that my Kenwood HF transceiver "screws up" our non-cable television reception (I mainly use cw on 40 meters). It even makes my Southwestern Bell cordless telephone ring! A low pass filter is what I need. Anybody out there with either a). a simple schematic plan to roll my own, or b). the suggestion to go out and buy one of those Bencher et al models for about $50? Any help would be appreciated - I'm sure I'm frying my neighbors tv sets too!
Thanks alot. Bill KA9HLN
Bill Vanstralen KA9HLN St. Paul, MN (612)688-2552 billv21572@aol.com

5704. Re: Need Santec Walkie Documentation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: kmuse@radware.net
Message-ID: <4b1vhs$9mu@ionews.ionet.net>
Source record: 208610

"Edwin J. Bailen (& sometimes Irene Beattie)" <n5kzw@eden.com> wrote:

>On Tue, 5 Dec 1995, J. Kevin Muse wrote:

>> Date: Tue, 05 DEC 1995 16:23:23 GMT
>> From: J. Kevin Muse <kmuse@radware.net>
>> Newgroups: rec.radio.amateur.equipment
>> Subject: Need Santec Walkie Documentation
>>
>> I have a santec walkie I came across. It has a display step problem.
>> I don't even know how to set it up. Anybody got a book or service
>> manual??
>>
>>
>What flavor of Santec?

> Ed Bailen -- N5KZW / Irene Beattie -- KA5DYF
> His religion? Geek Orthodox!

It's an ST-144/up.

5705. Seeking Coils from 1910-1915 Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: neverett@umassd.edu
Message-ID: <4b1o35$bhr@gatekeeper.umassd.edu>
Source record: 208611

I have a friend who is looking desperately for triple curcuit
tuning coils used in old radios from the 1910-1915 era, specifically
Marconi RCA (before radio tudes were common). These coils are the
size of a regular coffee can.

My friend is willing to pay well for these. Please e-mail me
if you have ANY informaton. Thanks.

Nathan Everett

5706. CAT Radio Control

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: "Daniel R. Emblidge" <emblidge@moran.com>
Message-ID: <30D4D732.1372@moran.com>
Source record: 208612

Just purchased the Yaesu FT-1000MP. I would be interested in trying
then purchasing software that would control the rig from the computer.
My preference would be WIN95 or Win3.1 but could remember how to get
back to DOS if I had to. Any suggestions would be appreciated.

73 de AA2OT emblidge@moran.com

5707. Vacumn Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: bbergen@xmission.com
Message-ID: <4b061e$1e9@news.xmission.com>
Source record: 208613

I'm looking for a matched pair of 4-250 - anyone out there have a pair?

Internet: bbergen@xmission.com
AmprNet: bruce@ki7om.ampr.org MSYS: KI7OM@WB7ULH.UT.USA.NOAM
****
"That boy's about as sharp as a sack lo' wet mice"
- Foghorn Leghorn
****

5708. Wanted: Mods for Kenwood TH22-AT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: jflood@sover.net
Message-ID: <4b0een$kq1@thrush.sover.net>
Source record: 208614

I posted a request a while back and did not hear anything then I found out that my school's news server went down just after I posted. Now I am home for Christmass break and figured I would try again.

On with the show. I am looking for any mods for my Kenwood HT. I is a TH22-AT. In particular
I would like the mod to make it possible to transmit out of band. I need it to transmit in the
150 MHz area for ski patrolling. I would also like to see all other available mods out of curiosity.

TNX.

- Josh

==========
jflood@night.vtc.vsc.edu jflood@sover.net
jflood@twilight.vtc.vsc.edu
jflood@snacktime.vtc.vsc.edu N1TYM
==========

5709. Re: TV sweep tubes vs. RF output tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: clifto@indep1.chi.il.us
Message-ID: <DJpw0M.5tz@indep1.chi.il.us>
Source record: 208615

In article <dgfDJI7B3.Ep3@netcom.com> dgf@netcom.com (David Feldman) writes:
>They (6LQ6 type tubes) are now in very short supply and are quite expensive.
>Per-tube costs range from $8 to $40 depending on type, demand and vendor.

Um, Dave, $8 was cheap for that tube in 1968 when they were plentiful.
That was about the reseller price for it.

Since you're a sweep tube fan, you should know that the 6LQ6 was a
substitute for the 6JE6. Very popular in tube-type RCA sets as the
horizontal output tube. You might find that either will work in a
linear, but the 6LQ6 will probably take more of a beating.

--
Cliff Sharp There are days when no matter which
WA9PDM way you spit, it's upwind.
clifto@indep1.chi.il.us --The First Law of Reality

5710. Re: Cellular Phone Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: clint.bradford@woodybbs.com
Message-ID: <93.11322.7583.0NFBBA99@woodybbs.com>
Source record: 208616

Subject: Re: Cellular Phone Radio Freq

AM> I recently learned how to scan the 800 range using my cellular phone
>from Motorola. I also learned how to transmit over the 800 range, making
>my cellular phone into a NICE duplex two-way radio.
>I WILL TAKE ANY IDEAS! Please E-Mail me. THANKS.

How about (1) get an Amateur Radio license, and (2) join your local
Amateur Radio Club - and start behaving (a) responsibly and (2)
legally.

Clint Bradford

* 1st 2.00 #8286 * ATTENTION to Details BBS - Official ARRL OBS - 909-681-6221

• wcECHO 4.1 • AR-Net: ATTENTION to Details • Mira Loma, CA • 909-681-6221

5711. Re: 2M Rig With Good Air AM???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: discus@caverns.com
Message-ID: <discus-1712952032060001@dialup2.caverns.com>
Source record: 208617

In article <4aqnuv$88n@newsbf02.news.aol.com>, n5off@aol.com (N5OFF) wrote:

> Is there a 2M rig out there with good Aircraft AM?
>
> I have have a TM-241 and an IC-229H and both are terrible on AM.
>
> My Kenwood TH-27 handy is great on AM.
>
> Is there a good mobile with air?
>
> What is the true technical reason why the 229H is so bad?
> Is there no AM detector?
>
> 73 de tom n5off

My TM-733a has good quality aircraft band receive but it is not terribly sensitive and the audio level is a little lower than on FM. The 733 like the TH-27 has an AM detector. Not all the radios with aircraft receive do.

73 Larry (NU5M)

5712. Pls help with frequency question.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: jhschutt@figmnt.tayloru.edu
Message-ID: <1995Dec17.235950.2637@figmnt.tayloru.edu>
Source record: 208618

My son and i recently bought a TenTec Century 21 CW rig. It's an analog display. We'd like to know exactly the frequency we're using to transmit. (It seems that the FCC wants us to know this too :)) So, someone suggested that we buy a Radio Shack pocket frequency counter for $100. What is the collective wisdom here? Is that the best idea. (Obviously, it we had a bunch more money, we'd have bought a digital rig.) Any ideas about the frequency counter idea? If so, what's a good one to get? And, what about the Radio Shack model?

Boy, do I appreciate your answer. THANKS in advance!!!

E-mail helps, but I'll also check here regularly. (Assuming that the our system does not crash.)--

---
John Robert Schutt /\ jhschutt@tayloru.edu
Taylor University- Fort Wayne //\\ (219) 456-9061
1025 W. Rudisill Blvd. ///\\\ FAX: (219) 456-2119
Fort Wayne, IN 46807 ||

5713. Re: icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: colin.oneill@ukonline.co.uk
Message-ID: <4b0tsu$720@bell.ukonline.co.uk>
Source record: 208619

Hi - I've had my 706 for about a week now. I had to wait over a month for it but it was worth it. I haven't been disappointed and would recommend it. The only regret I have is not ordering the narrow CW filter with it as it really needs it and now I have to wait until January for it as they are in short supply. Also it doesn't come with any mounting brackets for mobile use so I've had to order them as well.
Get one & enjoy!
73 de Colin G0CGD.

5714. Re: IC 706 "Expanded 2 Meter TX" Mod, copied from Packet

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: 0803127852-0001@t-online.de
Message-ID: <4b0v9v$m6s@news00.btx.dtag.de>
Source record: 208620

Re: IC 706 "Expanded 2 Meter TX" Mod, copied from Packet

what must i do for transmit on marineband 156 mhz ?

i have cut yellow wire and connect to the middle transistor and also d
59, but the transmitter bring only 0,001 watts !

vy 73

5715. Choosing 2 meter mobile unit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: Peawee@sys280.chatlink.com
Message-ID: <404599@280.chatlink.com>
Source record: 208693

CH>Anyone have any suggestions on which 2 meter mobile unit to purchase?
CH>Please respond to e-mail. Thanks.
CH>--ChrisRosen@aol.com

CH>-*- Sent by NetACCESS: Easy-to-Use Internet E-mail & Usenet Newsgroups!

Try the HTX-212. By Radio Shack, but a great radio.
73's
N1UST (aka) Gail

5716. INFO WANTED ON KENWOOD 621A 2m/220 MOBILE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4avsq1$hrk@news.ccit.arizona.edu>
Source record: 208694

I'm looking for mods to the Kenwood 621A 2m/220 Dual Band Radio. There's nothing on it in ftp:oak.oakland.edu site. Anybody know what sort of mods are out there?

Thanks,
Chris, N7RME
Mt. Lemmon, Arizona

5717. Military "Backpack" style radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: drichff@nando.net
Message-ID: <4b0ab3$cf@castle.nando.net>
Source record: 208695

I am looking to try and find one of the older military style backpack radios in good working order that may be converted or preferably
has allready been converted to use on 6meters. If anyone knows of a source please let me know.

Dwayne

drichff@nando.net

Firefighter/EMT Fire Patch Trader Carolinas Fire Page (Disp.701)
Appalachian Trail Hiker (Trailname "Backdraft")
Ham Operator KC4ADW
"Life is also about the Journey not just the destination"
" Strive for Perfection, Settle for Excellence"

5718. IC-2350H Opinions Please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: k2pj@sccoast.net
Message-ID: <4b1b2u$h3i@mel.hargray.com>
Source record: 208696

Can anyone provide me with opinions regarding the IC-2350H ?
performance, etc.?

Thanks for your help

73 Tom

k2pj@sccoast.net

5719. Re: Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: jkauffmn@netcom.com
Message-ID: <jkauffmnDJqLJt.Ju1@netcom.com>
Source record: 208697

Don Simpson (ko4ta@mindspring.com) wrote:
: Is Kenwood loosing their ability to manufacture solid equipment. I

(snip)

: Don Simpson
: ko4ta@mindspring.com

Hi Don and the group,

I've owned many radios, none of which had to go back to the factory
EXCEPT ALL THREE KENWOODS. Yaesu & Icom build solid equipment, I wish I could
say the same for KENWOOD.

Units sent back one or more times:

- TS 690
- TR 751A
- TM 3530A

No more KENWOODS for me!

Jim Kauffman, N7TTO/4
jkauffmn@netcom.com
kauffman@gnatnet.net

5720. More survey of major brands repair times.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: "John T. Young" <jtyoung@u.washington.edu>
Message-ID: <Pine.PTX.3.91j.951217071207.3015B-100000@carson.u.washington.edu>
Source record: 208698

A few more responses came in re: the major brands factory repair time survey. 1). re: Icom "was told radio would be repaired quickly due to my time constraints and would be done for free. Returned with a $70 UPS COD charge and nasty note from Icom about the terrible job I did soldering (what soldering?!). Stopped payment on check, sold radio, bought an Alinco."

2). Alinco: "DJ 580 with intermittent problem of memory dumping was sent back to factory six times. Never fixed. Eventually sent me a new radio after dealing with the problem for a year. Own eight Alincos but sure dread having to send anything back to them."

3).Yaesu: "sent F-51R back for 15khz update. On the phone they said it would be a max. 5 day turnaround. Just got a postcard saying it would take two weeks."

4). Kenwood: "sent 732 back due to UHF recvr probs. Took a month. My last Kenwood...switching to Yaesu."

5). The final word comes from someone who wrote: "Whether it be Icom, Kenwood, or Yaesu, the service repair time is now 5 plus weeks for non-warranty repairs. Most warranty work is done as first priority and is usually completed in less than a week."

My thanks to all who contributed to this informal survey. From my own standpoint, I am not sure that anything conclusive can be drawn from the survey! One thing for sure...hams without their gear are not a happy lot. Seems to me that there are horror stories regarding all brands and much of that may depend on how the gear was treated by the hams themselves. I should point out that out of nearly twenty responses to the survey, there was only one response from a Kenwood owner. This MAY indicate something...or maybe not. You be the judge. Good luck and may all your gear stay in tune. Best of the Holidays to you all. 73 de John, KI7JB.

5721. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: jerdptro@xnet.com
Message-ID: <4b1hh7$mdo@flood.xnet.com>
Source record: 208699

NOTE: There is a modification bulletin on Fords for RFI in the fuel pumps. If snap on filters work, you are lucky. The pumps are submergible and require removal from the tank to to install Ford's RFI kit. Under warrenty there is NO cost, out of warrenty is about $150. My ruel tank hasn't been the same since, but the noise is gone. Make sure they seat the tank properly and don't force it back in, else it will leak and require a new tank...
Jerry N9VHW jerdptro@xnet.com

clifto@indep1.chi.il.us (Clifton T. Sharp) wrote:

>In article <4a9i54$ouc@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>>I have all Ford vehicles here, and the pumps are noisy in all of them. I
>>added external RFI filters at the fuel tanks by using snap on chokes and
>>.1 MFD bypass caps from each lead to the chassis on the supply side of the
>>choke.

>But at what location? Near the gas tank, or near the front of the vehicle?
>I would presume the former; if so, how did you weatherproof the whole
>thing?

>--
> Cliff Sharp There are days when no matter which
> WA9PDM way you spit, it's upwind.
> clifto@indep1.chi.il.us --The First Law of Reality

5722. MODS: Yaesu FT-650

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: markmcd@wolfenet.com
Message-ID: <4b0ojb$a64@news1.wolfe.net>
Source record: 208700

Anyone have the mod to open up the transmitter so I can use it for CAP
26.620 ?

--
Mark S. McDermott, P.E. N7TJP
email: markmcd@wolfenet.com

5723. Yes, Kenwood is losing it

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4b1m09$rps@cville-srv.wam.umd.edu>
Source record: 208701

I have had a 520 and a 530, and a beat-up 120 for a short time.

THESE were unbelievably rugged radios.

The 430 was pretty solid, and the only 930 I have played with
is the one at the U of M's shack. It works great when it works,
but has had major failures in the past five years - three trips
into the service bay.

The 440S I was to buy from WN3K lost its display the day before
I bought it; apparently, it was a cold solder joint on one of
the surface-mount ICs. Not an uncommon thing.

The U of M's 440 failed without even being wired to anything.
It was sitting in the back seat of a car on Field Day with
all doors open (maybe 110 degrees) and wouldn't work, even
when it had cooled off. Occasional problems since.

WX3Q's TS-50S went back to California (at his expense) FOUR times
in the first four months of ownership. It kept blowing the
finals, including once after a repair had been made WHILE ON
KENWOOD's TEST BENCH at 10 watts output! Final determination:

A cold solder joint prevented the protection circuitry from
functioning properly.

Another gentleman claims that he and others have problems with
their 940s after a few years, like the un-graceful aging of
components makes them unstable.

I don't need any of these kinds of problems. I won't touch any
post-1983 Kenwood amateur gear without a REALLY good reason,
and I'd be unlikely to touch any of their consumer products
as well. Apparently, I'm not the only one who has been touched
by their soldering problems...no doubt their engineering is good,
but the execution has really stunk of late.
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

5724. Yaesu ADMS programming; ft530; etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: otterson@mindspring.com
Message-ID: <4b1n1o$23hk@firehose.mindspring.com>
Source record: 208702

Has anybody reverse engineered the ADMS-1 (FT11/41/51 programmer) box to see what's inside? I'd love to know... The FT-530 is not supported by this hardware; I don't know why, since it's clone port works with the same MH29 digital microphone. I guess it's just a matter of software. I'd like to know what the software communications protocol looks like.

Any ideas?
Jeff Otterson
---
otterson@mindspring.com
Maker and user of tools
PGP key available at http://www.mindspring.com/~otterson/pgp.htm

5725. want filters for kwood 850

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: donb29@tcd.net
Message-ID: <4b1dhi$ind@news.tcd.net>
Source record: 208703

I am looking for filters for my kenwood 850. if you have some for sale,
please let me know about them
thanks and 73 Don

5726. TS-830S $550

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-17 00:00:00 UTC
From: Michael Haydon <mhaydon@olivet.edu>
Message-ID: <Pine.SOL.3.91.951216201829.7017A-100000@tiger.olivet.edu>
Source record: 208704

Kenwood TS-830S with MC-50 mic. Owners and SERVICE manuals.
Rig in exc+ cond. Leave message or best to call 1-815-683-2490
evenings save monday. $550 +ship.
Tnx es 73 Mike KF8ZN

5727. tait t520 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: laurie@sdschool.demon.co.uk
Message-ID: <819229732.26159@sdschool.demon.co.uk>
Source record: 208621

hi all
anybody done work with a tait t520 that uses a multi channel
swithching unit it comprises of 2 x bcd's feeding the board where the
diode matrix board was
the 2 chips {14/16 devices forgot which} are missing hence i cant
dissasemble the chips for the programme
A:have you got any info on the chips
b:have you got any info on the programme that goes into these chips

i believe that they are ttl proms ie as used in the mx290 series etc
any help much app
73's de laurie laurie@sdschool.demon.co.uk

5728. tait t520 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: laurie@sdschool.demon.co.uk
Message-ID: <819230588.27031@sdschool.demon.co.uk>
Source record: 208622

hi all
anybody done work with a tait t520 that uses a multi channel
swithching unit it comprises of 2 x bcd's feeding the board where the
diode matrix board was
the 2 chips {14/16 devices forgot which} are missing hence i cant
dissasemble the chips for the programme
A:have you got any info on the chips
b:have you got any info on the programme that goes into these chips

i believe that they are ttl proms ie as used in the mx290 series etc
any help much app
73's de laurie laurie@sdschool.demon.co.uk

5729. tait t520 help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: laurie@sdschool.demon.co.uk
Message-ID: <819230555.27031@sdschool.demon.co.uk>
Source record: 208623

hi all
anybody done work with a tait t520 that uses a multi channel
swithching unit it comprises of 2 x bcd's feeding the board where the
diode matrix board was
the 2 chips {14/16 devices forgot which} are missing hence i cant
dissasemble the chips for the programme
A:have you got any info on the chips
b:have you got any info on the programme that goes into these chips

i believe that they are ttl proms ie as used in the mx290 series etc
any help much app
73's de laurie laurie@sdschool.demon.co.uk

5730. Re: FL-2100Z power out?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: nexar@pacificnet.net
Message-ID: <4b27pj$905@zippy.cais.net>
Source record: 208624

kkidd@usit.net (Kevin Kidd) wrote:

>pepperb@gov.on.ca (Brien Pepperdine) wrote:

>>Hello - does anyone have an idea of what the relative power level out at
>>my watt meter should be for a Yaesu FL-2100Z linear amp?

>>Book says 1000 input, so I wondered what the generally efficiency was
>>overall in the amp. Perhaps I expected a bit more, but about 500 w output
>>is being seen at the meter, this is with about 90 watts drive (more can't
>>be given, as the protection on the exciter cycles it off if I try to send
>>more input to amp). NO ALC is being given to the amp, as the exciter as
>>no provision for ALC output.

>>Thanks.

>>Brien

>>pepperb@gov.on.ca

>I have an FL-2100B amp that runs 500-600 watts out with 90-100 watt
>drive. Some bands have more output than others but always within
>+-100 watts.

>Kevin Kidd
>WD4RAT
>kkidd@usit.net

Kevin,

ALC is a sig FROM the Amplifier TO the exciter. It is a DC voltage
relative to the output level of the amp which the exciter uses to
control it's drive level. Nice concept but I can never seem to get
ALC to work right without readjusting for each band.

500 - 600 Watts out of that amplifier is about right, The thing uses a
pair of 572B tubes and I wouldn't expect much more.

Good Luck, KN6KK Tommy

5731. Re: Fix your MFJ Mod. 986 Tuner before it breaks

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: "Wm M. Malumphy" <aa1nl.vgernet.net>
Message-ID: <4b2lem$irg@mserv.wizvax.net>
Source record: 208625

To MFJ Buyers ,

Richards suggestion on the 986 works well.......but you might ask yourself why you would have to modify a new piece of gear this way ? The answer.... MFJ makes kits that are 75% assembled . Thats how they keep the prices down on their equipment.....by cutting labor costs . I've found that if you too view an MFJ product as a kit , you won't get nearly as mad as you might if you actually expected the piece to work the first time out of the box.

Personally, I've been snared by the glossy marketing strategy of MFJ a couple of times . So don't feel to bad about being taken to the cleaners buying an MFJ kit. In the long run your technical ability as a ham op will increase amazingly and you'll be a better person for it.

Best 73 to all es happy holidays de Bill AA1NL

5732. Re: Fix your MFJ Mod. 986 Tuner before it breaks

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: "Wm M. Malumphy" <aa1nl.vgernet.net>
Message-ID: <4b2lf7$irg@mserv.wizvax.net>
Source record: 208626

To MFJ Buyers ,

Richards suggestion on the 986 works well.......but you might ask yourself why you would have to modify a new piece of gear this way ? The answer.... MFJ makes kits that are 75% assembled . Thats how they keep the prices down on their equipment.....by cutting labor costs . I've found that if you too view an MFJ product as a kit , you won't get nearly as mad as you might if you actually expected the piece to work the first time out of the box.

Personally, I've been snared by the glossy marketing strategy of MFJ a couple of times . So don't feel to bad about being taken to the cleaners buying an MFJ kit. In the long run your technical ability as a ham op will increase amazingly and you'll be a better person for it.

Best 73 to all es happy holidays de Bill AA1NL

5733. Re: Fix your MFJ Mod. 986 Tuner before it breaks

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: "Wm M. Malumphy" <aa1nl.vgernet.net>
Message-ID: <4b2lfg$irg@mserv.wizvax.net>
Source record: 208627

To MFJ Buyers ,

Richards suggestion on the 986 works well.......but you might ask yourself why you would have to modify a new piece of gear this way ? The answer.... MFJ makes kits that are 75% assembled . Thats how they keep the prices down on their equipment.....by cutting labor costs . I've found that if you too view an MFJ product as a kit , you won't get nearly as mad as you might if you actually expected the piece to work the first time out of the box.

Personally, I've been snared by the glossy marketing strategy of MFJ a couple of times . So don't feel to bad about being taken to the cleaners buying an MFJ kit. In the long run your technical ability as a ham op will increase amazingly and you'll be a better person for it.

Best 73 to all es happy holidays de Bill AA1NL

5734. WTB: Cushman plug ins

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: had@halcyon.com
Message-ID: <NEWTNews.24924.819339875.had@had>
Source record: 208628
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,misc.industry.electronics.marketplace

Hi to all,
I would like to find the low band and UHF Preselector plug ins for a Cushman CE-3.

Question: Has anybody ever found a filter that is less than 20KHz wide that will work with the 10 MHz IF in the Cushman Wide Band Mixer and the Preselectors?

Thanks,
Hadley
had@halcyon.com

5735. TRAC KEYER - HELP !!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <4b2n6e$ktq@tilde.csc.ti.com>
Source record: 208629

Seasons Greetings,

I found a TRAC electronic keyer and am trying
to get the old beast working again. It is pretty old
by todays standards, using 8 or 9 general purpose TTL
logic ic's. No model is on the case, but the board
inside says TE-001. Trac is a company located
somewhere in NY, but is out of business I'm told.
Here's the problem:

I am able to get the keyer to key, making dits and
dah's when connected to a 3 wire stereo phono plug, I
even hear the cw sidetone out of the internal speaker.
It sounds normal...no problem.

I am NOT able to get the keyer to key my modern, solid
state HF rig. When attaching the key line from the
keyer to the rig, the rig just keys up and stays keyed
as soon as I hit a single dit or dah. I even tried
bypassing the chassis mounted "jacks" and hard-wired
the key line to the rig.

I have tried everything to get this to work. In fact,
I've even run the rig with zero RF out, thinking some
stray RF was getting into the keyer and somehow
keeping the rig keyed. But still...no luck. As soon
as I hit a dit or a dah, the rig keys up and stays
keyed, even though the "keyer" is acting normal (as
determined by listening to the sidetone of the keyer)

I suspect now that either the keying transistor is
bad, or perhaps the keyer is wired for some older rig
and is unable to key a modern solid state rig
properly.

So, if anyone can offer some advice, I'd be
appreciateive. I already have the thing torn apart,
all the wiring undone for troubleshooting, and still
cant seem to get the thing going. I'd need a
schematic or parts value list since I cant tell what
the keying transistor is. (no value on it) to
replace it.

Thanks...

--
73 from Joe BV2/N0IAT Taipei, Taiwan R.O.C.

Ex. 7J1AOF(Japan) KA0ZDH(novice) YU3/N0IAT(Slovenia)
Licensed Radio Amateur since 1986 //comments are mine
only

5736. Re: What equip needed for interpreting cw Morse

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: d-cripps@dircon.co.uk
Message-ID: <4b3a9q$50n@newsgate.dircon.co.uk>
Source record: 208630

>I'm an aspiring ham and I'm going to start "listening in".
>I'm wondering what equipment I need to get one of my computers
>to interpret morse code ? I'm under the impression a TNC won't
>necessarily do this (though I also intend to get into packet).

I've used an AEA PK232 for a few years for packet and general SW
decoding.

The 232 does "decode" morse and automatically tracks the speed
(and it's quite strict on showing bad operating practice!) but
it is nice to hear code and watch it being decoded on screen.

Long term though, try and learn the code (I'm at about 5WPM), get
a copy of a PC morse tutor (NuMorse is good, I've had a few problems
with Supermorse) and work from there.

Good luck
73

Dave Cripps G7IDB

5737. Re: Yaesu ADMS programming; ft530; etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4b3570$e4i@cloner2.ix.netcom.com>
Source record: 208631

In <4b1n1o$23hk@firehose.mindspring.com> otterson@mindspring.com (Jeff Otterson) writes:
>
>Has anybody reverse engineered the ADMS-1 (FT11/41/51 programmer) box
>to see what's inside? I'd love to know... The FT-530 is not
>supported by this hardware; I don't know why, since it's clone port
>works with the same MH29 digital microphone. I guess it's just a
>matter of software. I'd like to know what the software communications
>protocol looks like.
>
>Any ideas?
>Jeff Otterson
>-------------
>otterson@mindspring.com
>Maker and user of tools
>PGP key available at http://www.mindspring.com/~otterson/pgp.htm
>

Hi Jeff,

I'll save you some time and say the FT-530 can't be programmed with ADAMS Software. I have talked to the FT-530 design people and it can't easily be done and that is why no software is available. You can always get an FT-51R and program it with the ADMS-1B software.

73's

Kevin

5738. IC-W2 VHF shift

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Mathias Coinchon <coinchon@fbwww.epfl.ch>
Message-ID: <4b3mkl$2uu@info.epfl.ch>
Source record: 208632

I have got a ICW2 (not A or E) tranceiver
and i cannot have shift on VHF band
but it works on UHF
how can I do.....?
Can we reprogram the tranceiver...?

Thanks
HB9UFQ

5739. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <4b2tut$5uv@ccnet2.ccnet.com>
Source record: 208633

>clifto@indep1.chi.il.us (Clifton T. Sharp) wrote:
>
>>In article <4a9i54$ouc@newsbf02.news.aol.com> w8jitom@aol.com (W8JI Tom) writes:
>>>I have all Ford vehicles here, and the pumps are noisy in all of them. I
>>>added external RFI filters at the fuel tanks by using snap on chokes and
>>>.1 MFD bypass caps from each lead to the chassis on the supply side of the
>>>choke.
>
>>But at what location? Near the gas tank, or near the front of the vehicle?
>>I would presume the former; if so, how did you weatherproof the whole
>>thing?
>

I ran an FT-5200 in my 92 Escort GT without a bit if interference trouble. I was warned about fuel pump noise too. The pump leads on the Escort are accessable under the back seat so it would have been easy if it was necessary. I have a friend with a Kenwood 732 in a '93 F-150 - no noise or interference problems ever detected. Enough on "other Fords".

I just got a new Explorer three weeks ago. I haven't put the 5200 in yet - since I haven't figured out where to put the transciever. I would be interested in hearing from people that have installed two-ways in them. But what I want to know about is how you installed the radio itself - not what mods you made to other systems on the truck...

How did you run power? Straight to the battery? Ground to the battery as well?

What kind of antenna? Mag mount? Roof mount? (Drilled a hole? Where?) Glass mount? (Where?).

Anyone ever installed other LMR equipment in an Explorer (non-ham gear)? We have several Spectras running in company Explorers on UHF without any trouble that I am aware of.

--
Curtis G. Wheeler - Pleasanton, CA

5740. In Need of LCD Display

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: atem@aol.com
Message-ID: <4b37lk$6co@newsbf02.news.aol.com>
Source record: 208634

I have a Fujitsu 16 channel UHF radio that has a cracked LCD display. If anyone has a replacement or knows where I can pick one up, or if someone has the number for Fujitsu, it would really be appriaciated. Please e-mail me with info at: Atem@aol.com.

Thanks in advance
Adam

5741. QRP Newsgroup???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4b3vop$kji@pacific.mps.ohio-state.edu>
Source record: 208635

I've heard of a qrp newsgroup, or email exchange group, and wonder if anyone has info? Tnx. Jim W8ZR

5742. Re: Yaesu 51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <4b3ucb$ese@umcc.umcc.umich.edu>
Source record: 208636

In article <4aumbi$pv1$1@mhafm.production.compuserve.com>,
Stefan Kowal <100627.3426@CompuServe.COM> wrote:
>Yaesu 51R
>
>Has anyone tried modding this radio? If so how did you do it and
>what results did you get? I am particularly interested in RX at
>70Mhz. The ability to switch AM, FM across the whole of the RX
>capability also looks like a bonus.
>
>Stefan, G0BJW
>CompuServe 100627,3426

The easiest way to mod this radio for receive only is via software.
Purchase the R.T. Systems software and modify the win.ini file.

Look for allowanyfrequency=0 in the win.ini file

change it to allowanyfrequency=1

Thats it, now you can progrm any freq from about 60-999Mhz although the
stuff above 600 doesn't seem to work the others do.

Les

--
Les Butler KB8WKE....
Fire Notification Network of Michigan
Detroit's First Paging Network!

5743. Help needed-Mobile installation 94 GrandAm

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: jeff@sec.sel.sony.com
Message-ID: <4b42sd$6bb@usenet1.sjc.in.sel.sony.com>
Source record: 208637

I need some guidance. I want to bring some power direct from the
battery into the passenger compartment in my 1994 Pontiac GrandAm.

Everything on the firewall is connectorized. There doesn't seem to be a
good place to drill a hole.

If you have EXPERIENCE with mobile installations in the GrandAm, I would
appreciate some advice.

Thanks & 73,
--
Jeff WU2A/6
reply to: jeff@sec.sel.sony.com
phone: (408) 955-4116

5744. Re: Results:survey of factory repair times

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Hang_glide@ids.net
Message-ID: <4b44h0$ol0@paperboy.ids.net>
Source record: 208638

I may be late to get into this thread, I'm new in the 'newsgroups'.
I had a problem with my Alinco 2M mobile (in warrenty). I sent it
to CA the week before Thanksgiving and it was back to me the
monday following the holiday. The main board was replaced at
no charge. Great service in my book!

73

Mike

--

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
>>>>>>>>>>>>>>>>>>http://ids.net/~hang_glide/home.html<<<<<<<<<<<<<<<<<<
<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
MIKE>SYLVIA>H3>N1TBV>NORTH>KINGSTOWN,R.I.>163SUPERSPORT>HANG_GLIDE@IDS.NET

5745. Re: USA Ham Suppliers-sell to Europe?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: l42398@alfa.ist.utl.pt
Message-ID: <4b45li$9eb@ci.ist.utl.pt>
Source record: 208639

:Garry Walker (garry@bonney.u-net.com) wrote:
: Hi there I was wondering if there are any US Ham Radio equipment
: suppliers who readily sell equipment to Europe. I am aware of the
: additional 'costs' incurred by this method, however it is still 'in
: many cases' worth the effort. Also are there any US suppliers who
: have their catalogues available via the Internet, I woulld appreciate
: further details.

: Regards Garry

: ---------------------------------
: G0IHB, GX0TEN, F/G0IHB/P

: Internet:garry@bonney.u-net.com
: Packet: G0IHB@F6KBO.FBRE.FRA.EU

: ---------------------------------

Hi, I'm trying to do the same, try:http://www.hamradio.com

They have a large list of equipment.

73, Luis Martins
CT1FNK

5746. Re: FT-1000MP TEST

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: forbes@intac.com
Message-ID: <4b2r51$kk2@uucp.intac.com>
Source record: 208640

In article <4ai04e$k34@dub-news-svc-5.compuserve.com>,
100407.3136@compuserve.com says...
>
>
>Hello to all:
>
>I'm thinking to buy a Yaesu FT-1000MP.
>
>Any opinions about this rig?.
>
>Is better than FT-1000D? or similar?.
>
>Thank you in advance.
>
>Alberto Perello
>EA3CR
>Barcelona
>Spain
>
I bought the FT-1000MP about a month ago and love it. I enjoy CW work, and really appreciate the "OPTIONAL" 500Hz filters in the 1st and 2nd IFs. The EDSP performs about as well or perhaps a bit better than my DSP-59. Compared to the 1000-D, the 1000-MP has only 100W out as opposed to the 200W from the 1000-D.

The 1000-MP has a built-in 120/220V power supply, and may me operated from 12V by changing an internal jumper(PIA). If you need the dual VFO feature, your love the 1000-MP, but unless you do a lot of contesting, it is, (IMHO) an unnessary feature.

The entire radio is Meun driven, and largly reconfigurable to individual needs/preferences. As for performance, my previous rig was a FT-890, and while I was generally quite happy with it, the 1000-MP runs circles around it, particularly in the area of weak CW reception, and selectivity.

Hope these remarks help, if you have any specific questions, please feel free to drop be a line by e-mail.

73
Thom / N2CBV

5747. Re: RF interference in Ford Explorer

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4b2sls$2pa@newsbf02.news.aol.com>
Source record: 208641

In article <4b1hh7$mdo@flood.xnet.com>, jerdptro@xnet.com (Jerry) writes:

>>In article <4a9i54$ouc@newsbf02.news.aol.com> w8jitom@aol.com (W8JI
Tom)
>writes:
>>>I have all Ford vehicles here, and the pumps are noisy in all of them.
I
>>>added external RFI filters at the fuel tanks by using snap on chokes
and
>>>.1 MFD bypass caps from each lead to the chassis on the supply side of
the
>>>choke.
>
>>But at what location? Near the gas tank, or near the front of the
vehicle?
>>I would presume the former; if so, how did you weatherproof the whole
>>thing?

Missed that question. I have a F150, F250HD, and a Mustang GT. All three were substantially improved in noise by grounding the engine block, trans, and exhaust systems at several points. I snapped the bead over the wires by the tank, and bypassed the supply leads to the chassis at the tank. I removed a tiny bit of insulation and soldered the cap leads to the wire, sprayed the new connections with plastic spray, and gooped em with RTV after the spray dried.

Pulling the fuel tanks is a job, so avoid it if you can.

By the way, be sure the antenna is connected to major sheet metal for a ground!

Be sure the cab and fenders are grounded, the F series floats on rubber.

73 Tom

5748. yaesu FT-10 -- Dead on Arrival!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: jgkamm@mis.net
Message-ID: <4b2hnm$lqt@netnews.mis.net>
Source record: 208642

Just Got a New Yaesu FT-10 High Power HT
they said it was MIL Spec. compliant!

...It doesn't work!

5749. Re: program info ft23-r

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Jack Kovar <kovar@IA.Net>
Message-ID: <4b4a4t$n0t@hera.ia.net>
Source record: 208643

I assume he knows how to program the memories and repeater offsets.

5750. help with C.E. 100V

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Dennis Doonan <doonan@cordmc.mke.etn.com>
Message-ID: <4b4aki$3t1@ns.oar.net>
Source record: 208644

Hello to all.
This is a long shot. I did dnot get an answer on Boatanchors, so I thought I would try here.
I am restoring a Central Electronics 100V transmitter. This is a tube type, multi-mode unit from the early 1960s.
I am trying to locate the modification to replace the batteries on the speech limiter module with zener diodes.
I would like to receive a copy of the original mod so at least that part will be "authentic".
Any help would be greatly appreciated.

73 de Dennis, KG9DO doonan@cordmc.dnet.etn.com

5751. Want: Yaesu NC-29 Charger Diagram/Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <4b49vl$s0q@gaudi.lahabra.chevron.com>
Source record: 208645

Does any have a schematic for a Yaesu NC-29 rapid charger? I lost mine when I moved last spring. I would like to add a switch to the charger that will let in run in "trickle" only (essentially just bypassing the timer) when I don't need the faster charge.

And does anyone know the NC-29's trickle charge rate? I would assume it's c/10 for a standard battery - 60mA?

Thanks.

--
Curtis G. Wheeler - Pleasanton, CA

5752. Re: HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: wday@dfw.net
Message-ID: <wday-1812950144110001@fw4.dfw.net>
Source record: 208646

In article <4b1u3g$ghs@news-2.ccinet.ab.ca>, ihoare@ccinet.ab.ca (ian) wrote:

> Does any body know if radio shack htx-202 can be modified to cover commercial
> band to 172 Mhz.
> how well does the htx-212 2m mobile perform?

The HTX-202 is not modifyable (sp) to cover out-of-band frequencies,
either receive OR transmit.

The HTX-212 works pretty well. The receiver isn't as tight as the
receiver in the 202, but then again, it's a wide-band receiver, and the
202's isn't.

73 Wayne KF5ZC

Wayne Day KF5ZC Fort Worth,Texas,USA |
CompuServe: 76703,376 Internet: 76703.376@CompuServe.Com | ,__o
or Internet: wday@dfw.net |--_<,
Member: Bicycle Mobile Hams of America (*)/'(*)
For info on BMHA or the BIKEHAM mailing list: Finger KF5ZC@dfw.net
---

5753. WTB: IC-228H or Ic-281H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.91.951218011610.36239B-100000@freenet3.freenet.ufl.edu>
Source record: 208647

Hi Tom here <KD4QHH>.

I have been running a Icom 228H for some time on packet, an it
really does a fine job... If someone has gone dual/band or up
graded to a different mobile; an you still have your old Icom
hanging around, let me know.

No basket cases though... I don't mind if it has some ware marks,
don't care if it has any options. You don't use much on packet.
Radio, mtg bracket, mic & manual <not really needed> would surfice.

Tnx De Tom
afn17891
KD4QHH

5754. Re: REQUEST INFO - Oklahoma Comm Center

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: cjs9@cornell.edu
Message-ID: <4b4fjm$qep@newsstand.cit.cornell.edu>
Source record: 208648
Cross-posted to:
rec.radio.amateur,rec.radio.amateur.swap,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio,rec.ham-radio.swap

>>Have you ever bought anything from Oklahoma Comm Center
>(1-800-765-HAMS)??
>>
>
>
>I buy ALL my equipment there. I have shoped around, but with their
>prices and they pay shipping, they are my ONLY store now....73
>
>Lee N5KXI
>

Add my satisfied voice to the list. Nothing but good service from these
people.
--
Carl (ex-jarhead) Semper Fi
KB2SGX
"For those who fought for it, freedom has a flavor the
protected will never know"
Unknown Marine, Khe Sahn, Viet Nam

5755. Re: Help needed-Mobile installation 94 GrandAm

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1812951359500001@m14494-mac.mitre.org>
Source record: 208649

jeff@sec.sel.sony.com wrote:

> I need some guidance. I want to bring some power direct from the
> battery into the passenger compartment in my 1994 Pontiac GrandAm.
> Everything on the firewall is connectorized. There doesn't seem to be a
> good place to drill a hole.

I have an '89 Grand Am and ran into the same problem. I ended up installing my 2 meter radio in the center arm-rest console. I took the cassette rack out, and my rig just slid right in, with room left over to hold the mic. The cover closes and locks just fine. I found a biggish red wire running the length of the compartment that has +12vdc on it when the ignition is on. I tapped into that, grounded to a handy bolt, and it works great. No alternator whine, no problems. If you have a similar console, and if your radio will fit, it might work for you too. It's really quite roomy; my radio is a Yaesu FT-2500; not a particularly small radio by today's standards. Best of luck.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

5756. Suggestion on 6M commercial rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Gary Mitchelson <garym@racalrecord.com>
Message-ID: <30D5F122.7E57@racalrecord.com>
Source record: 208650

Does anyone have any experience or suggestions on a what is a good
commercial rig to put on 6M?

Requirements are:
Synthesized but easy to program (no special unobtainable software)
Enough channels (100+) to cover most repeater/simplex possibilities
Trunk Mount
60+ watts
PL
Less than $300 used but in good shape

Any suggestions on models I should look for?

N3JPU

5757. ICOM 706 With Heil Mike

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Harrington.Ed@mail.ndhm.gtegsc.com
Message-ID: <Harrington.Ed-1812951510080001@157.176.66.29>
Source record: 208651

Has anybody used a Heil Mike with the new ICOM 706??
Thanks and 73s,
Ed--AA1IN

5758. TR7 Questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: mcc@Eng.Sun.COM
Message-ID: <4b4l1v$1f@engnews2.Eng.Sun.COM>
Source record: 208652

What is the current price of TR7A? The radio I'm looking is fully loaded, all the necessary filters are included, power supply, noise blanker, etc. The radio is in mint condition. The asking price is $800. Is this a good deal?

I appreciate any info about the radio. This will be my first rig if I'll get it.

Thanks
Medy, AC6QR

5759. Re: Question: GE Master II at 52.525

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Alan Johnson <kninectf>
Message-ID: <4b4fk3$25h@Twain.MO.NET>
Source record: 208653

I saw your responce and was wondering if the Master II exec has the same problem as the Master II with RF shielding. The recieve oscilator emits a low level singal that will get back into the exciter anc cause some interesting noise on xmitl. I the Exec is like the Master II how did you over come this problem. I am using some aluminium for shielding but still havent got all the noise out yet.

73
Alan
K9CTF
kninectf@mo.net

5760. HTX 202-404 ext mic audio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: SJJK62A@prodigy.com
Message-ID: <4b4bf0$f2g@useneta1.news.prodigy.com>
Source record: 208654

There is a web page that describes a way to modify the external mic so that the radio will get a proper level through the ext mic jack. Check out:

http://pages.prodigy.com/CA/LA/htx202htx404/htx202htx404.html

5761. WTD: Ramsey Multitester schematic/manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: ewyspian@peganet.com
Message-ID: <4b4oq2$g77@perseus.peganet.com>
Source record: 208755

I am looking for a schematic or tech manual for my Ramsey Digital Multitester Model D-2100. I contacted Ramsey Electronics and they no longer stock the manual. Photocopy okay.

Please reply to ewyspian@peganet.com

Thanks.

5762. HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: MUENZLERK@uthscsa.EDU
Message-ID: <01HYYB93SMTU000WJE@uthscsa.edu>
Source record: 208756

ihoare@ccinet.ab.ca (ian)

-Does any body know if radio shack htx-202 can be modified to cover
commercial
-band to 172 Mhz.
-how well does the htx-212 2m mobile perform?
-
-Thanks VE6IMH

No, there are no performance mods whatsoever for the HTX-202.
There are a couple of design mods. (zener/resistor changes)
Sorry.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

5763. Re: Yes, Kenwood is losing it

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4b4tfr$686@safety.ics.uci.edu>
Source record: 208757

Well, it just seems to be where you are or luck or something?
I have owned lots of Kenwood HF gear, and never had serious problems,
even with Kenwood Service, who have always treated me pretty
well.

I've owned the TS 520, 530, 430, 440, 690, 940 (early serial number).
I have the 440 after about three years still on my shelf because
it has been a very solid performer, and I can't bear to let it
go. The 940 is off in a friend's shack, working away very well,
keeping our friendship going, hi hi. I swapped the 940 and an
amplifier for the Ten Tec OMNI VI, and am generally impressed
enough that Kenwoods will not be coming into my shack, but it is
not because of reliability problems.

On the other hand, I have had a reliable FT 890 from Yaesu. Never
had an Icom HF, but had horrible treatment from the factory with
reliability problems with the old IC-2AT....two of them in series,
and swore off that brand (though I realize that is an emotional
reaction, since I see many Icoms performing fine.)

I don't know what the bottom line is. I do know many who swear
at Kenwoods, rather than by them. I know far more that swear
by them, including some rather demanding sorts. I have heard more
complaints regarding Kenwood service than other stuff, and have
personal experience with a friend that leads me not to trust them
much right now. I do a lot of my own work, when it doesn't get
too complicated, I figure that is part of the fun of the hobby,
hi hi.

Clark
WA3JPG

5764. DTMF for IC-706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: mwhite@mitre.org
Message-ID: <mwhite-1812951030360001@m14494-mac.mitre.org>
Source record: 208758

I'm thinking about getting an IC-706 for mobile use, but am put off by the lack of DTMF capability. Is there a DTMF mic that will work with that radio? Thanks.

Mike, N4PDY

--
mwhite@mitre.org

My opinions are my own, not my employer's.

5765. Re: Where to get crystals?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4b3rq5$p7m@mksrv1.dseg.ti.com>
Source record: 208759

Try JAN crystals at 1-800-JAN-XTAL. Ask for free catalog.
I've dealt with them for years. Never been disappointed.

73, Dean KC5NG

5766. Re: HF amp questions/recommendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4b4vn2$n1v@newsbf02.news.aol.com>
Source record: 208760

In article <sherwood.819314344@oribi>, sherwood@oribi.cig.mot.com (Charles A. Sherwood) writes:

>3) The manual for the Ameritron AL1200 says: "1/2 hour continuous carrier:
>1500 watts (below 18Mhz)." I called Ameritron customer service and asked
>them what the spec was above 18MHz. The person on the other end seamed
>confused by the questions and thought it was worded this way because the
>US amps dont have 10M. Even he admitted this did not make sense because
>it should go up to 21...
>The manual for the AL1500 states "1/2 hour continuous carrier: 1500 watts"
>There is no 18 MHz disclaimer on the AL1500. So I assume the AL1200 will
>not run at full power above 18MHz. Does this seem correct?
>
>

The Al-1200 is derated in duty cycle above 18 MHz by the capacitance of the PA tube and limitations that causes in component heating. It will certainly run over 1500 watts out on CW or SSB continiously, but not a half hour carrier without interuption for cool down of components.

The exciter drive power requirements of the 1200 are higher than the 1500, but the tube lasts longer and is much less expensive. It takes at least 100 watts to deliver 1500 watts, while the 1500 will deliver over 2000 watts at the same drive.

If you have a FT-1000 or 950, the 1200 will put out over 2kW. It is gain limited, not tube saturation or power supply limited.

5767. WTB TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: ac032@freenet.hamilton.on.ca
Message-ID: <4b42d2$5o0@main.freenet.hamilton.on.ca>
Source record: 208761

I am looking for a TNC for usse on 2 meters. Something similar to a TPC2
or 3
details to this board Geoff.Barrett@Freenet.Hamilton.On.Ca.

Geoff VE3WP

--

5768. Re: HF Low Pass Filter Advice???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: joentam@transend.com.tw
Message-ID: <4b3jsr$2dn@keelung.transend.com.tw>
Source record: 208762

In article <4b2dvn$pjl@newsbf02.news.aol.com>, billv21572@aol.com says...
>
> my wife notes that my Kenwood HF transceiver "screws up" our non-cable
> television A low pass filter is what I need. Anybody out there with either
> b). the suggestion to go out and buy one.

Bill,
May I suggest that you scour fleamarkets / hamfests for a low pass filter?
Price should be about 20 bucks. One that I've successfully used was made
by Drake. The model is TV-3300. The filter will easily handle 1KW and has
better than 80 db attenuation above 41 Mhz. The filter is in a very heavy
duty all-metal case. While I believe Drake no longer makes this unit, I
believe they are fairly common and should be no trouble to find. Really,
it is an excellent unit and I'd not use anything else after having tried
a few other LP filters.

Good luck and happy HF'ing.

73, Joe BV/N0IAT in Taiwan

5769. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <4b49lt$q1u@crc-news.doc.ca>
Source record: 208763

James Garland <garland@ohstpy.mps.ohio-state.edu> wrote:
>This month's QST features a slick microprocessor-controlled automatic
>antenna tuner. The design seems solid, and the price for the parts kit
>($158) is reasonable. However......the article discretely mentions in a
>footnote that "the source code is not available," for programming the
>microprocessor. In effect, therefore, the article is simply a promotion
>for a antenna tuner kit, and not a do-it-yourself article.
>
>I feel strongly that QST should not publish construction articles unless
>enough information is provided for readers to duplicate the
>project themselves. It is fine for an author to sell a parts kit with
>his article, but I do not believe proprietary information essential to
>completion of the project should be withheld. When lengthy software
>listings are involved, they should be made available on the ARRL Web Page
>or BBS, as in the excellent DSP kit by W9GR, a few years ago. I believe
>QST is setting a very unfortunate precedent with this article.
>
>Jim W8ZR
>

There has been some traffic on this particular article on the QRP-L list. Since the
following message was sent to the list in toto, I do not think that repeating it
would violate any netiquette. The author, although not attributed in the Jan '96
QST artictle, was involved.

=Precedence: bulk
=From: Gene Tehansky <tehansky@atc.ameritel.net>
=To: Multiple recipients of list <qrp-l@lehigh.edu>
=Subject: Re: Antenna Tuner
=X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
=X-Comment: Low Power Amateur Radio Discussion
=Date: Thu, 14 Dec 1995 14:18:24 EST

=I backed away from the net for a bit and talked to my friend about the
=tuner and the article and I forgot a few things. The original submission
=of the article to QST did include a detailed flowchart of the software in
=the microprocessor. QST rejected/turned down/just didn't print this
=flowchart. I believe they felt it was not of interest to there general
=readership. Apparently they feel they would be like the computer
=magazines of old, where the readers spent hours typing in basic code for
=a program listed in the the magazine.

=Anybody interested in the flowchart can get it for a self addressed
=stamped envelope sent to the address in the article (along with a
=note explaining what you want and a return address). That reminds me of

=the story about the order for a qrp transmitter that only had a return
=address on the check. The check was cashed before that was noticed....
=What does one do then, other than wait for a second request for the
=board.....

=I regret that the article had this negative effect on some people but
=this microprocessor was the only alternative we saw to produce this
=compact device. That being decided, we needed a development system to
=program the chip. How many readers of QST have that.
=Should we have used the article with the code included to advertise a
=development system for $59.95, listen to them then, that would be
=advertising. If this type of development system was commonly available,
=and the code was provided, and somebody thought they could improve upon
=it, and they had a small bug, what then. Assembly language can not be
=tought over the phone, in email, or even in college I think. The 68hc11
=is not hard to program but unless one is fluent in the ins and outs of
=assembly language in general, this is a giant bag of worms. Both Dwayne
=and myself do not want to be short with people, we don't want to ignore
=peoples problems and we would love to be helpful, but imagine only 10
=people attempting the ultimate, improving the code, imagine the phone
=calls, imagine the anger when we couldn't or wouldn't help, that is a
=road we did not want to travel.

=I thank everyone for their kind words. Right now I feel this has been a
=positive experience.

=Sencerely
=de aa3av Gene from beautiful Mechanicsville Maryland, roadstop on the way
=to nowhere.

=OBqrp: The tuner appears to work fine at qrp levels. The problems of rf
=getting into the micro just are not there at reduced power levels. The
=most extensive mod that might be required for qrpp levels would be an
=extra wrap of the transmission line on the sensor toroid.

And I must include my own spin on this I sent this to the QRP-L....

Up here in Canada, we won't get QST until the last day or two of December or the first week in January. So I looked up the web page as Gene had posted. Impressed with what I saw, I gave the company a call on the phone. I spoke to Jennifer on the phone at LDG Electonics and she was kind enough to take the time and faxed me a copy of the article.

After I reviewed the article, the only part I really need is the microcontroller because I haven't the faintest clue on how to program these suckers. All the rest I can do myslelf. However, should I decide to buy the kit, I would probably get the complete kit mainly because parts gathering, in my experience, can be a real chore and oftentime quite costly.

Instead of raspberries, these guys at LDG should be given a pat on the back for finding a need and filling it. If you can programme these chips using your own software, more power to you. But neither I and most of the amateur fraternity are able to do so. Furthermore, only very few would even know what to do with the

source code, even if we could access it (I believe that Gene has sent a message to the QRP-L subscribers on how to get a copy.)

Good Lord... this article introduced a software solution to a problem as other articles. Two that come to mind immediately was the CMOS Keyer II and the W9GR DSP filter - yet you don't hear any bellyaching about those. I am glad that ARRL publishes any SOTA articles that solve problems - they don't do enough, in my opinion.

Therefore, speaking only for myself, Gene and LDG Electronics have no need to feel ashamed for what they have done and I hope that they will continue to design products that can be add to the capabilities of any amateur station.

If I may make a couple of suggestions.... It would be nice to see another version of this tuner that was similar in scope to the SCG-230 and Icom AH-2/AH-3 series of autotuners. However, after looking at the schematic diagram, it would appear that the number of inductors and capacitors are limited by the number of relay switching lines available from the micro-controller. I suspect that another controller would be required and, of course, another assembler programmer would be written. If such a circuit was available, then with the recent release of small HF/VHF rigs, such as the TS-50 or IC-706, a more affordable auto-tuning option would be available, using a stainless steel mobile whip.

Another simpler circuit that would be required would be a micro-controller circuit to control any of these "screw-driver" antennae that are on the market. These mobile antennae are based on Don Johnson's design called the DK3. An example of a commercial version of this antenna is the High Sierra HS3. The common way to tune these antennae is to have a reversable switch in the driving position, listening for the highest level of noise, and then tune for minimum SWR. This is not something that should be done while driving. However, a micro-controller would do this automatically by energizing the motor, sliding the coil up or down appropriately and stopping at the minimum SWR.

73 and live better digitally
Jim, VE3XJ

5770. HELP WITH KENWOOD TM-221a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Jack Kovar <kovar@IA.Net>
Message-ID: <4b4bc0$n0t@hera.ia.net>
Source record: 208764

I just got a TM221a for my wife Jana.

NO BOOK! How do I program the sub tones "encode". I don't think I need the TSU-5 decoder for encode tones, do I?

I know how to program in the memory channels and offsets of repeaters. Any other info would trip my trigger.

Merry Christmas to all

Jack Kovar
KE0AX

kovar@ia.net

5771. Re: Cellular Phone Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Curtis Wheeler <cwheeler@ccnet.com>
Message-ID: <4b49fp$s0q@gaudi.lahabra.chevron.com>
Source record: 208765

clint.bradford@woodybbs.com (Clint Bradford) wrote:
>
> Subject: Re: Cellular Phone Radio Freq
>
> AM> I recently learned how to scan the 800 range using my cellular phone
> >from Motorola. I also learned how to transmit over the 800 range, making
> >my cellular phone into a NICE duplex two-way radio.
> >I WILL TAKE ANY IDEAS! Please E-Mail me. THANKS.
>
> How about (1) get an Amateur Radio license, and (2) join your local
> Amateur Radio Club - and start behaving (a) responsibly and (2)
> legally.

Took the bait...

I found the original post kind of funny. He claims he uses his cell phone talk to a friend. Well, the duplexor in a cell phone will keep it from transmitting on the high side of the freq pair. So you can't use a cell phone to talk, point to point, to another cell phone without some real mods.

Pretty funny.

--
Curtis G. Wheeler - Pleasanton, CA

5772. Ten-Tec 6 meter Xverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4b4r50$kco@news.usit.net>
Source record: 208766

Is anyone using the Ten-tec 6 meter tranverter? If so, how do you like it? I understand it is avalibile in kit form. Would be interested in knowing how it performs.

Thanks,

Steve
WA4GZE

5773. Re: FM BC on IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: sutliff@crd.ge.com
Message-ID: <4b4dab$pps@rdsunx.crd.ge.com>
Source record: 208767

rcarpen@DGS.dgsys.COM (Robert J. Carpenter) wrote:

>ICOM says I'm the only person who has complained to them about the FM BC
>reception.

I doubt you are the only one to complain, however, I just thought I would add (from a relatively inexperienced ham's point of view) that for my listening in the Albany, New York area the radio does very nicely. There are not lots of stations effectively on top of one another (that I can tell) so that is not a problem and the quality of reception is plenty good. My wife's car has a stereo radio and mine had none. Now with the 706 I listen to my favorite staions in my car too. What a neat rig!

I wish you luck. Hopefully we'll all benefit from your findings.

John Sutliff

5774. TS850 slope tune with CW filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: krisn3rqt@aol.com
Message-ID: <4b5ajq$rg0@newsbf02.news.aol.com>
Source record: 208768

When I added the YK-88C-1 500Hz CW filter to my TS850 the slope tune no longer behaves properly. The high cut cuts way too much and the low cut is completely ineffective.

Is this normal behavior? Is the slope tune supposed to be useful for CW when optional filters are in place?

The YK-88C-1 is for center frequency 8830KHz (1st IF). This is currently the only optional filter in the rig.

TNX.

5775. Mod for Kenwood TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: kusznir@owens.ridgecrest.ca.us
Message-ID: <DJt341.5z8@ridgecrest.ca.us>
Source record: 208769

I recently (2 weeks ago) got a new Kenwood TM-742A from AES. After deciding to mod it using the mods found on oak.oakland.edu, I opened up the radio, found the resistors you have to move, and, after verifying what I saw was correct, realised the mod was already complete. It came from the factory in (according to the mod on oak.oakland.edu) is moded. However, I don't get the results of the mod in the frequency range(or the 800 Mhz band)

Does anyone have corrections for it?
Does anyone have any more mods for it?
Does anyone know where the Mars/CAP wire is? I looked behind the front cover where I was told I'd find it but it isn't there. And guess what - I didn't have the Mars/CAP capibilities either.

Thanks in advance
--
Jim Kusznir
Internet: kusznir@owens.ridgecrest.ca.us
Packet: ke6dwm@wa6ybn.#soca.ca.usa.noam

5776. Re: QRP Newsgroup???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: bhowell@mail.utexas.edu
Message-ID: <4b4eh3$h10@geraldo.cc.utexas.edu>
Source record: 208770

James Garland <garland@ohstpy.mps.ohio-state.edu> wrote:

>I've heard of a qrp newsgroup, or email exchange group, and wonder if
>anyone has info? Tnx. Jim W8ZR

here's the info..it will put you on the mailing list, which is sent
out daily:

Remember, all these commands must be sent to listserv@Lehigh.EDU
in the
BODY of the mail message, NOT in the Subject: of the message.

* GETTING ON THE LIST

SUBSCRIBE QRP-L your_name your_call

where "your_name" is your real name, and "your_call" is your
callsign,
if any. For example:

SUBSCRIBE QRP-L John Doe K5FJZ

5777. HF amp questions/recommendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: sherwood@oribi.cig.mot.com
Message-ID: <sherwood.819314344@oribi>
Source record: 208771

Hellow people,

I am researching HF amps (to buy one) and I have the following questions
and or comments pertaining to HF amps.

1) Why did Ten Tec discontinue the Titian? I asked them this question
and they said it was in production for over 10 years, which is a long
time for a design. This does not make sence to me because the
3cx800 twin tube amp is still very common. Any opinions? Maybe they were
not selling many and therefore it was not a profitable product anymore?

2) AES told me they do not accept Ten Tec equipment for trade in.
I asked them why and they said they were hard to get parts for.
Does this make sense to you? It does not to me.

3) The manual for the Ameritron AL1200 says: "1/2 hour continuous carrier:
1500 watts (below 18Mhz)." I called Ameritron customer service and asked
them what the spec was above 18MHz. The person on the other end seamed
confused by the questions and thought it was worded this way because the
US amps dont have 10M. Even he admitted this did not make sense because
it should go up to 21...
The manual for the AL1500 states "1/2 hour continuous carrier: 1500 watts"
There is no 18 MHz disclaimer on the AL1500. So I assume the AL1200 will
not run at full power above 18MHz. Does this seem correct?

FYI: AL1200 uses a 3cx1200a7 tube. The AL1500 uses a 3cx1500a7.

The bottom line is, what amp should I buy. Maybe a Henry......

chuck sherwood N9QZT
sherwood@cig.mot.com
--
Chuck Sherwood
sherwood@cig.mot.com

5778. Trade: 386 Computer for 2M HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: kstephe@ix.netcom.com
Message-ID: <4b4rqc$2i0@cloner3.netcom.com>
Source record: 208772

I have a 386 computer system that I will trade for a 2M HT.

386/25 Processor
8M Ram
120M Hdsk
SVGA Monitor
Keyboard & Mouse
Dos & Windows

I value this PC at $400.00
If you have a radio that is close to the same value, maybe we can
strike a deal.

E-Mail me if you are interested.
kstephe@ix.netcom.com

5779. Info: Alinco 70 or Ft 900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: mike_cash@mlngw.chinalake.navy.mil
Message-ID: <mike_cash-1812950902580001@cash_mike.chinalake.navy.mil>
Source record: 208773

Anyone have experience with these. I am looking to buy a small hf rig.
Thanks.

--
Mike, KN6IS

5780. Cellular Phone Radio Frequency Amplifier

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: MUENZLERK@uthscsa.EDU
Message-ID: <01HYY5SPTTNM000T0K@uthscsa.edu>
Source record: 208774

agomez4349@aol.com (AGomez4349)

-Hey all,
- I recently learned how to scan the 800 range using my cellular phone
-from Motorola. I also learned how to transmit over the 800 range, making
-my cellular phone into a NICE duplex two-way radio. (My friend has another
-phone, and we use them to talk back and forth, in programing mode....)
-Anyways, the range for a clear transmission is fairly short, and I was
-wondering if there was a way that I could put an amplifier on my antena,
-so I could transmit with ALOT of power, and maybe receive weaker signals.
-I WILL TAKE ANY IDEAS! Please E-Mail me. THANKS.

In a word, NO.
For several reasons the first of which - it is illegal.
Second, your phone is full duplex so you would have to build
a very good set of filters on both the transmit and receive
to isolate them from each other. big bucks....
Third, amplifiers for 800MHz are expensive. I recently built
one hundred watt amplifiers for 900MHz and 1296MHz. They were
both over three hundred dollars.
Fourth, safety. High power microwave equipment is dangerous!
Unless you know EXACTLY what you are doing don't play
with high power microwave equipment.

I know this wasn't what you wanted but maybe it will
save you some grief.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

5781. Re: HELP WITH KENWOOD TM-221a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: kleerdex@epix.net
Message-ID: <4b4njm$5s9@guava.epix.net>
Source record: 208775

In article <4b4bc0$n0t@hera.ia.net>, Jack Kovar <kovar@IA.Net> says:
>
> I just got a TM221a for my wife Jana.
>NO BOOK! How do I program the sub tones "encode". I don't think I need
the TSU-5 decoder
>
>for encode tones, do I?
>
>I know how to program in the memory channels and offsets of repeaters.
Any other info would trip my trigger.

The TM-221A has built-in tone encoding (but no standard decoder). To program the encoder, press M.IN then the TONE key. Note that the M indicator will turn on and you have 5 seconds to complete your desired action before it goes off. If it does, just press M.IN again.

The display panel will indicate a tone frequency and the tuning knob will adjust between the standard frequencies of 67.0 to 250.3 Hz. Once the desired tone is set, press any key to return to the normal display.

Good luck and 73,
=Vic=, WA4THR

5782. WTB: Option Board UT-49 for Icom SAT-series Handheld

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: 2WSK000@gc.maricopa.edu
Message-ID: <01HYYSXDMKLE002HQI@gc.maricopa.edu>
Source record: 208776

I am looking for the Touch-Tone (DTMF) Coded-squelch/paging board.
If you have a working UT-49 available, please e-mail me the details.

Thanks.
Steve N7AJP/Phoenix 2wsk000@gc.maricopa.edu

P.S. I have for sale or trade a UT-51 Sub-audible-tone (CTCSS) encoder board.

5783. WTB : Jennings RJ2B or RJ2C Vacuum relay

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: paulnyl@teleport.com
Message-ID: <paulnyl.1.0015570C@teleport.com>
Source record: 208777

I am looking for a Jennings RJ2B or RJ2C vacuum relay.
Please e-mail to me direct with availability and price quote.
Tnx es 73
Paul.

paulnyl@teleport.com

5784. Re: Vacumn Tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: randy@rdrc.rpi.edu
Message-ID: <4b3ufm$mft@usenet.rpi.edu>
Source record: 208778

Re: "VACUMN TUBES"

I think that you are thinking of :

VACUUM TUBES

...eh?

5785. Pls Help w/ tentec century 21 query

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: jhschutt@figmnt.tayloru.edu
Message-ID: <1995Dec18.000441.2638@figmnt.tayloru.edu>
Source record: 208779

In my last post, I said that my son and I just bought a TenTEc Century 21.
It's true. Now, can someone tell me how I can change the analog dial so that
it's accurate. I've just been told that the frequency that I was using to
transmit was not the one that showed on my analog dial. YIKES!!

Any TenTec-ies out there who can help me out of a jam?

THANKS LOADS in advance.

(E-mail is nice. Ours does not crash as often as News does.)--

____
John Robert Schutt /\ jhschutt@tayloru.edu
Taylor University- Fort Wayne //\\ (219) 456-9061
1025 W. Rudisill Blvd. ///\\\ FAX: (219) 456-2119
Fort Wayne, IN 46807 ||

5786. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: v-ntxes@microsoft.com
Message-ID: <4b3qr8$kjv@news.microsoft.com>
Source record: 208780

In article <49lfr5$295o@usenetp1.news.prodigy.com>, MVBC06A@prodigy.com says...
>

>was this info about the radioshack radio? i'd be interested in anyones
>thoughts about the radios they have. i was hoping that would be a
>reasonable radio to start out with. as far as cost, as i'm not able to
>latch onto one of the better ones out there.
>thanks for any replies
> ernie
>
Hi,

I have a Radio Shack HT-202 I use it for my Main Mobile rig. It works really good. All of the signal reports I have gotten back have been nothing but good. As far as picking one up, I would wait until they go on sale. Radio Shack constantly has sales to get rid of there warehouse stock.

Thanks

Eric E. Scott
KC7KLZ
--
The opinions expressed in this message are my own personal views
and do not reflect the official views of Microsoft Corporation.

5787. Trouble with Yaesu FT900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: hl1dk@hitel.kol.net
Message-ID: <4b3385$878@hitel.kol.net>
Source record: 208781

Keywords: Yaesu FT900

My Yaesu FT900AT goes off "automatically" in 5 seconds(sometimes 10
minuites or so) after I swich it on. Not always, but sometimes. And when
I switch it on again, it works perfectly. I only experienced just once it
happend twice in row.
I asked it to the Yaesu people in Tokyo, but they don't have such
report so far. Anybody who has same problem? HL1DK/Lee

5788. Re: Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: nomer@southwind.net
Message-ID: <A8g1wEqQFEdT083yn@southwind.net>
Source record: 208782

I have one of those Kenwood 440s that has had frequency stability problems. I had the infamous VCO 5 fix made to the radio to get rid of the "glue" around the VCO that becomes conductive with age. The radio worked for about six months, then began to put out bad-sounding signals on first the higher-frequency bands, then spreading to all of them. The problem: once again, frequency instability. So far, I've been unable to find someone who can locate the problem. I've become weary of throwing money at this rig, and recently purchased a Yaesu FT-990 and am very pleased with its performance against any of Kenwood's rigs, especially in its receiver.

The only way Kenwood could ever get me back as a customer would be if they would recall the 440 and make needed repairs at their expense. As widespread as this type of problem with the 440s has been, I think this would be only reasonable to expect.

Steve
e-mail: nomer@southwind.net
Ham call: KB0FHS

--

5789. Re: icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: v-ntxes@microsoft.com
Message-ID: <4b3sca$kjv@news.microsoft.com>
Source record: 208783

In article <4as737$kts@news1.usa.pipeline.com>, small@usa.pipeline.co
says...
>
>does anyone have any first hand experience with the newly introduced
icom
>706 poptable rig. i really want to buy one but i want to get input.
thanks
>a lot.
>
>steven mallalieu kb2cek email- small@usa.pipeline.com
Hi,

I love my IC-706. I does every thing I want it to do.
--
The opinions expressed in this message are my own personal views
and do not reflect the official views of Microsoft Corporation.

5790. Aero Vhf Rx Manual Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-18 00:00:00 UTC
From: Carlo Gregori <MC0287@mclink.it>
Message-ID: <819287269.MC0287@mclink.it>
Source record: 208784

Is there anyone that can help me in finding the
manual (with diagram) of the aeronautical VHF tube
receiver model IA/R-2/GRC-3?
This receiver was manufactured in Italy in the 60s
by Marelli and Philips, as far as I know.
Thank you
Carlo

5791. Re: 80M Small Antenna recommendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819452878.28942@pinetree.microserve.com>
Source record: 208505

gbohner@aol.com (GBohner) wrote:
>I live on a typical 80x100 suburban lot and would like to get on 75/80
>meters. My current antenna is R7-vertical which works great but does not
>cover 80. Any recommendations? Has anyone used the GAP Titan DX?

I think there are some commercial dipoles that will fit on a 100' lot.
Alternately, you could build a dipole to fit the space and resonate it
on 80M with a loading coil in each leg. Feed it with a current balun
at the center and you're all set. :)

73,
Jack WB3U

5792. Re: Henry 2K-3 HF amp; adding 160 meter capability

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819456254.28942@pinetree.microserve.com>
Source record: 208506

jchol@aol.com (JCHol) wrote:

>I would like to add 160 meter capability to this amp. Any suggestions,
>lessons learned would be appreciated.

There was an article titled "Adding 160-Meter Coverage to HF
Amplifiers" by Dick Measures (AG6K) in the January, 1989 QST.
The author used an SB-220 as an example.

73,
Jack WB3U

5793. Wanted:A FT-530 Operators manual copy!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: bobzito <bobzito@wolfenet.com>
Message-ID: <30D79381.2F8@wolfenet.com>
Source record: 208507

Wanted:A FT-530 Operators manual copy! I got the radio (used of course!)
but no operators manual! Can anybody shoot me a copy? I figured out the
basics, but it would be nice to find out the rest!
Happy Holidays!
Bob
--
<bobzito@wolfenet.com> (Bob Zito)

5794. FS: Yaseu FT-416 2M HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: kc5afm@fais.net
Message-ID: <4b8k68$hbj@aladdin.iii.org.tw>
Source record: 208508

I have a 2 meter Yaseu FT-416 2 meter hand held for sale. Asking $200 or best offer before Christmas.

e-mail kc5afm@fais.net
J.W. Wolfington

5795. Re: AC line Brute Force Filter question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819453427.28942@pinetree.microserve.com>
Source record: 208509

scicon@ix.netcom.com(Dan Walker) wrote:
>
>My transmitter is causing TVi on 40m and I'm pretty sure it's due
>to interference on the AC line (same TVI on two different antennas.)
>
>The xmtr is plugged into a Radio Shack "AC line filter".
>
>Is this the same thing as a "Brute Force Filter?"

Probably not, but the "brute force filter" may not be what you need either. The problem with these is that if you have RF floating on the chassis of the transmitter, the AC filter may simply pass it through as common mode current. In addition to what Tom suggested, I would recommend choking the AC line. You can do this by wrapping the cord around a ferrite rod, or through a high-permeability toroid.

Incidentally, RS sells snap-apart toroids for this purpose. I consider them a last resort because their permeability isn't all that high and they're not large enough for more than about five or six turns. However, if the problem is limited to 40M and it's the result of RF on the AC line, a pair of these should cure it.

One other point - if you do have RF on the chassis of the rig and the toroids eliminate the RFI, this is a symptom that something is wrong with the antenna system you're using.

73,
Jack WB3U

5796. Re: Advice on R-7 and grounding(2nd floor shack)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819453797.28942@pinetree.microserve.com>
Source record: 208510

Peter Shintani <shintani@tv.sony.co.jp> wrote:

>Hi:
>I live in Tokyo, where it is impossible to establish a ground radial
>system. I bought a Cushcraft R-7 since it supposedly does not need any
>radial network.

Hi Peter,

The answers to your questions depend on the purpose of the ground
system. I get the feeling from your post that this is intended to be
an RF ground, and for that, nothing you can do from a 2nd floor shack
with ground rods will really have much effect. Nor do you need an
RF ground attached to either the feedpoint or the rig with that
antenna. Use it without an RF ground and save yourself a lot of
unnecessary work.

73,
Jack WB3U

5797. Re: Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819460795.1774@pinetree.microserve.com>
Source record: 208511

nomer@southwind.net (steve nomer) wrote:

>The only way Kenwood could ever get me back as a customer would be if
>they would recall the 440 and make needed repairs at their expense. As
>widespread as this type of problem with the 440s has been, I think this
>would be only reasonable to expect.

Don't hold your breath. When I was in the audio biz, most of the major
manufacturers did this at one time or another. Pioneer, Sansui, Akai,
Yamaha, B&O, etc. etc. However, I can't remember Kenwood ever taking
care of its customers this way despite the same rate of poor designs
or defective components. On the other hand, there are worse audio
companies than Kenwood. Good thing they don't make ham gear. :)

73,
Jack WB3U

5798. FS: GRID DIP METER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: "alex@hic.net" <alex@hic.net>
Message-ID: <4b5jnc$2pn@news.hic.net>
Source record: 208512

I have an Eico Grid Dip Meter for sale with all of the plugs. In like new shape for $25.00 plus shipping. Drop me a note or address to ship to...

alex@hic.net

5799. seeking a pair of 900MHz Transcivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: dg5ffa@port.ve3mch.ampr.ORG
Message-ID: <10725@port.ve3mch.ampr.org>
Source record: 208513

Hello readers !

I'm seeking two Transcivers for the 933/934 MHz band .
Who offers cheap a pair of it ??

Thank you in advance for your response !
Pse E-Mail to: dg5ffa@port.ve3mch.ampr.org

5800. Re: Mod for Kenwood TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: rick.edwards@mogur.com
Message-ID: <9512190735263645@mogur.com>
Source record: 208555

EK>I recently (2 weeks ago) got a new Kenwood TM-742A from AES. After
>deciding to mod it using the mods found on oak.oakland.edu, I opened up
>the radio, found the resistors you have to move, and, after verifing
>what I saw was correct, realised the mod was already complete. It came
>from the factory in (according to the mod on oak.oakland.edu) is moded.
>However, I don't get the results of the mod in the frequency range(or
>the 800 Mhz band)

Are you sure you understand the modification sheet correctly?

EK>Does anyone have corrections for it?

I'm not sure what you mean by "corrections." If you are asking if I
have a complete set of modifications for the 742A, the answer is yes.

>Does anyone have any more mods for it?

More mods than what? Be more specific.

>Does anyone know where the Mars/CAP wire is?

I'm not sure what you're talking about. As far as I know, the 742A does
not have a Mars/CAP "wire."

73 de KD6HRT

5801. Attention: Paul Flautt, please contact me again!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4b6vap$ste@mksrv1.dseg.ti.com>
Source record: 208556
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Paul Flautt offered me a copy of the Kenwood RM-76 manual.
I tried to respond via e-mail, but I got a response from
the mailer saying "invalid address". Paul, if you're out
there, please send the manual and I'll copy it (free, at
work) and mail yours back pronto along with $$$ to cover
your postage outlay.

Thanks and 73! Dean Hemphill, KC5NG
PO Box 328
Lake Dallas, Texas 75065-0328

5802. HTs for HF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: dorsey@lila.com
Message-ID: <DJtppD.841@lila.com>
Source record: 208557

I'm in the market for a compact (handheld would be ideal) SSB/CW HF radio and was wondering if anyone has any experience with the "Pico SSB/CW Tranceivers" sold by jCom. They are single-band SSB/CW QRP (2 watts) tranceivers in a full-size handheld package. I came across and ad for these radios in an old issue of _73 Amateur Radio Today_ (1993) but have been unable to contact jCom and fear they may have gone out of business. I believe the radios are manufactured by a Japanese company and hope that someone may be able to refer me to another source. Alternatively, if anyone would like to recommend something similar, I'd be interested in hearing it.

73s,

--
Bill Dorsey "Nothing that results from human progress is achieved
dorsey@lila.com with unamimous consent. And those who are enlightened
PGP 2.X pubkey before the others are condemned to pursue that light
available in spite of the others." -- Christopher Columbus

5803. Re: Looking for PS for Kenwood TS-430-S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: Dennis J Ponsness <dponsness@vixa.voyager.net>
Message-ID: <4b6o3j$sd1@vixa.voyager.net>
Source record: 208558
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

If it is anything like my TS-680S, the Molex connector is for a "generic"DC cord that ends in spade
terminals. You could use any decent 1.38v Supply to power it. I happen to use Astrons. You should be able to order the Power cord from any large dealer, i.e. HRO, AES OCC etc.

73 Dennis WB0WAO/8 EN84ij VHF/UHF

5804. Cerco TR-851 kenwood

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: info@mopa.global.it
Message-ID: <4b4goc$2gm@maggiore.dsnet.it>
Source record: 208559

Ciao a tutti
sto cercando disperatamente un TR-851 kenwood all-mode UHF nuovo o
usato.

Grazie
Roberto Manderioli - Ferrara Italy
info@mopa.global.it

5805. FS: Kenwood TS-850S/AT with 3 filters for $1,350

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4b74gg$1h8@mksrv1.dseg.ti.com>
Source record: 208560
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

FOR SALE: Kenwood TS-850S/AT, has factory installed
auto antenna tuning unit, three optional filters (one
SSB, two CW). No modifications, no damage history.
One owner, non-smoker. Comes with hand mic, manual,
original boxes, packing, and accessory connectors.
Price $1,350 firm. Buyer pays shipping charges.
Contact me via telephone or e-mail for more info.
I WILL NOT SELL THE FILTERS SEPARATELY.

Dean Hemphill, KC5NG, Lake Dallas, Texas
(817) 497-5365 evenings and weekends
E-mail --> QRP%mimi@magic.itg.ti.com

5806. Re: CAT Radio Control

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: hamster@loose.org
Message-ID: <4b6sbp$f22@sparky.wrlc.org>
Source record: 208561

Try the ftp sites such as oakland.edu or the Boston ARC site. There are
several programs out there, some in windows, most not. Some have
demos, some don't. Checkout PROCAT. Check local BBSs also....
I'm currently writing my own CAT to learn Visual Basic. It's been a
struggle, but very educational. Qbasic works very well too....
Good Luck..

5807. Re: yaesu FT-10 -- Dead on Arrival!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4b77lo$34u@crow.cybercomm.net>
Source record: 208562

bgray@connix.com (Brian Gray) wrote:

>jgkamm@mis.net wrote:
>: Just Got a New Yaesu FT-10 High Power HT
>: they said it was MIL Spec. compliant!

>: ...It doesn't work!

> And...??

Possibly they were referring to Bill Clinton's
idea of Mil Spec..it doesn't work either..

Steve, WA2NHZ

5808. IC-706 VHF mod? Anyone do it yet?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4b7872$34u@crow.cybercomm.net>
Source record: 208563

Has anyone done the full VHF transmit mod yet? Trace cut, Transistor rip out, jumper cut etc?..

Hey Icom, any reason you made it difficult for Mars operators?

Steve, WA2NHZ

5809. Alinco DJ-1FT with an audio problem - any ideas?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: bi070@freenet.buffalo.edu
Message-ID: <DJu4rv.G44@freenet.buffalo.edu>
Source record: 208564

I have a DJ-1FT HT that has developed a high pitched feedback type ni
noise in the audio whenever the volume is increased beyonfd a very low
level. I tried to get assistance from Alinco and was just given their
shop rate. Anyone had a similiar problem?
--

5810. Kenwood TS-940s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: asken@theriver.com
Message-ID: <4b78p1$c6j@news.theriver.com>
Source record: 208565

Does anyone have or ever used the IF-232 unit with the 940? It allows computer control of the 940. I am thinking of getting one if I can find it and it is worth the effort.
KEN-WB7NEX

5811. Re: Info: Alinco 70 or Ft 900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4b6ekf$mkf@mksrv1.dseg.ti.com>
Source record: 208566

I own the Alinco DX-70T. It performs well on SSB, haven't tried it on CW. I use it strictly mobile. I'm impressed with the receive audio, sounds good even through the little speaker on the radio's top panel. The operation of band changing is not as straight-forward as I'd like, but since I have to stop the truck to change antenna band taps (Outbacker Perth), it's not a big deal to change bands (not a big deal anyway, you just have to be looking at what you're doing due to multi function knobs). Being able to remote the front panel is nice, but costs extra. The radio has a good solid feel to it, as if it's constructed well. I know my Alinco handy-talky is well built also.

Overall, I'd say it's a good buy for the price.

73, Dean KC5NG

5812. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <4b6g11$hua@news.iii.net>
Source record: 208567

Jim
You are singularly uninformed!

There was a HUGE response to the previous Keyer article!

Search the archives!

(I was part of the net noise then too!)

Tom
WA1RHP

5813. Re: Motrac Uhf tx help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: jotterso@st6000.sct.edu
Message-ID: <4b6cgu$iuq@st6000.sct.edu>
Source record: 208568

Make sure that the channel element is oscillating. Watch out that you don't fry the 15 w driver transistors (the solid-state output that drives the cavity amp), those transistors are particularly hard to replace.

There is a helical resonator filter between the driver and the PA. This must be re-tuned to get the sucker into the ham band. This is where the jumper between the driver and PA is attached to the Motrac chassis. I think that it is stamped or marked that it is not to be retuned except at the factory; I retuned a couple of these with no problem. You will need a spectrum analyzer and tracking generator to do this most easily, otherwise you could do it with a walkie and a wattmeter, but I don't recommend that method.

Let me know if this helps.

73 de n1kdo

5814. Re: Suggestion on 6M commercial rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-1912950445170001@wd1v.mv.com>
Source record: 208569

In article <30D5F122.7E57@racalrecord.com>, Gary Mitchelson
<garym@racalrecord.com> wrote:

> Does anyone have any experience or suggestions on a what is a good
> commercial rig to put on 6M?
>
> Requirements are:
> Synthesized but easy to program (no special unobtainable software)
> Enough channels (100+) to cover most repeater/simplex possibilities
> Trunk Mount
> 60+ watts
> PL
> Less than $300 used but in good shape
>
> Any suggestions on models I should look for?
>
> N3JPU

Consider spending a lot more and getting a lot more...get an ICOM
706.

73,

FYI: The latest version of Digital Scope.FAQ <304> is on my WWW Home Page.
(All opinions are my own, including Digital Storage Scope.FAQ)

Best Holiday Wishes!

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr. |_| |_| www http://www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
LeCroy Sales Engineer | | | | | 800-553-2769

(H) 603-668-1096 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

5815. **Cheap Antenna & Battery**

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: William Chueh <williamc@kaiwan.com>
Message-ID: <30D7379B.7C75@kaiwan.com>
Source record: 208570

To Every ham:

Exciting news, I found one company that carry battary at very low price. Kenwoord, Icom, Yaesu, Motorola. The company is MAHA COMMUNICATION. They are also looking for regional dealer. Contact them at 8183334497 in LA,CA. (They don't like a single quantity order, combine your club order for a special price, *Shipping free for club!). They also got TS (Taiwan Serene) Antenna, and ADI Radio!

William Chueh
williamc@kaiwan.com

5816. Re: Computer noise..... HELP!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: Tfugate@pop.uky.edu
Message-ID: <4b6q77$g92@service2.uky.edu>
Source record: 208571

In article <T9HywwUN3n9X086yn@sedona.net>, keithw@sedona.net (Keith Wood) says:
>
>In article <01HYHMLQECG200DMXW@uthscsa.edu>,
>MUENZLERK@uthscsa.EDU (Muenzler, Kevin) wrote:
>[
>[My only suggestion is to put the antenna(s) as far from your
>[computer/shack as possible. That is the only way I was able
>[to cure my computer noise problem. Also, make sure that your
>[rig is grounded well. Be sure that your cables (video, printer...)
>[are of the shielded variety.
>
>1) Toroids, toroids, toroids
>2) Ground the computer case and make sure all cables are tightly
>connected
>3) Ground the rig, power supply, antenna, mast and feedlines properly
>4) Make sure that the case covers (computer and radio) make proper contact
>with the chassis
>5) Put all those annoying "blanks" into the slot openings on the computer
>6) Toroids, toroids, toroids -- and don't forget the I/O cables inside the
>computer
>7) Take the plastic front off the computer, and spray the inside with aluminum
>paint. Do the same with the keyboard case, and the monitor.
>8) . . .Toroids . . .
>9) Avoid black screens on your monitor (such as DOS "ugly mode") -- experiment
>with colors to find the one which is quietest
>10) Disconnect and remove (or tape aluminum foil over) unused I/O ports
>11) Experiment with the arrangement of add-on boards in the computer
>12) Use top-quality feedlines and cables with FOIL shielding
>13) Did I mention toroids?
>
>
>--
>
>
>==
>Keith Wood TV-18 News anchor
>Host/Producer, The Computer Program, FLYING TIME!, and Infinity Focus.
>Gunsite (Orange) alumnus, Team OS/2, Parrothead, N7JUZ, AZ0237 but not a
>number (I'm a FREE MAN!), creator of FIRE TEAM and HERO SEEKER
>==
>
A friend who used to be an engineer with a bio-instramentation(spelling),
suggested adding a ground plane. The lab he worked in, had all of the
workbenches covered with a sheet of copper and a vinyl/rubber sheet over

that. I could not afford, or even find, a sheet of copper 3'*6', so I used a sheet of galvonized steel. I tied that sheet to a ground ring with a doubled piece of 1/2" braid. I have painted the sheet metal with a thick vinyl paint, and tie all of my radios and junk to it. I tied case of the pc and the ground lead of the monitor to the ground plane. Except for the birdie from my MFJ1278(at 4.52?MHZ), it is pretty quite. The trick, I think, is to not have several ground paths so that you make a bunch of ground loops.
It is a cheap easy and easy to try.
Oh yea, put lots of torriods on all of you power lines, after you pull the ground lines out. I even went to to degree of running everything, but the pc/monitor, from dc. I used 1/2" braid as the negative/ground lead, and put torriods with several turns in all of the +12volt lines.
It worked for me. Good luck.

5817. Re: Yaesu ADMS programming; ft530; etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: otterson@mindspring.com
Message-ID: <4b7f4t$1ics@stealth.mindspring.com>
Source record: 208572

>I'll save you some time and say the FT-530 can't be programmed with
>ADAMS Software. I have talked to the FT-530 design people and it can't
>easily be done and that is why no software is available. You can
>always get an FT-51R and program it with the ADMS-1B software.

Hmmm...
They both work with the MH29, so the data must be at least
similar... So why won't it work?

Jeff Otterson
---
otterson@mindspring.com
Maker and user of tools
PGP key available at http://www.mindspring.com/~otterson/pgp.htm

5818. Re: Yaesu ADMS programming; ft530; etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <4b6iad$fcu@watt.oedison.com>
Source record: 208573

On Sun, 17 Dec 1995 18:10:08 GMT otterson@mindspring.com (Jeff Otterson) wrote:

>Has anybody reverse engineered the ADMS-1 (FT11/41/51 programmer) box
>to see what's inside? I'd love to know... The FT-530 is not
>supported by this hardware; I don't know why, since it's clone port
>works with the same MH29 digital microphone. I guess it's just a
>matter of software. I'd like to know what the software communications
>protocol looks like.

>Any ideas?
>Jeff Otterson
>-------------
>otterson@mindspring.com
>Maker and user of tools
>PGP key available at http://www.mindspring.com/~otterson/pgp.htm

I don't think the 530 can use the ADMS software. As for what's in the box, there is a Maxim chip in the connector shell (one of those RS232 <-> TTL level chips) and about 2 tiny capacitors. That's it.

John Wagner wagnerj@watt.oedison.com

For Encrypted Mail: PGP Public Key Available upon Request

5819. Re: Setting PL deviation on FT-11???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <4b6i9p$fcu@watt.oedison.com>
Source record: 208574

On 14 Dec 1995 21:25:40 GMT byrnes@fc.hp.com (John Byrnes) wrote:

>John Wagner (wagnerj@watt.oedison.com) wrote:
>> Anyone know how/where to adjust the transmitted CTCSS deviation level on a
>> Yaesu FT-11R HT? Is it an internal pot, or is it in some undocumented
>> keyboard mode?

>I have an FT-11R too. People who receive my transmissions report a
>"humming" whose tone varies with the PL tone I set. Are your symptoms
>the same?

>Anyway, I called Yaesu about it. I was told that there's no *easy* way
>to turn down the tone level unless you have the optional FNS-26 (?) tone
>board. The hard way is to read the schematic (and somehow decipher the
>internal functions of the major chips) and change a resistor or two.
>(ie. Good Luck!) The guy gave no indication that Yaesu would do this
>for you for any price.

>Let me know if you find a different answer.

>John, KB0UNC

Yep! That's the symptom. A friend is using the FT-11R, and it works great except for the transmitted PL is extremely loud. I haven't put a deviation meter on it yet, but I'd guess nearly 1KHz deviation. I haven't looked at the schematics yet, but if the fix involves changing a resistor, I'll have to avoid coffee for a week to get steady enough to change those babies.

Oddly enough, I've got the FT-51R (same series, only dual band), and its PL deviation seems to be perfect out of the box. Some of the functions (including microphone level) on my FT-51R are adjustable from the keypad in the diagnostic/service mode, but I'm not sure about the PL.

John Wagner wagnerj@watt.oedison.com

For Encrypted Mail: PGP Public Key Available upon Request

5820. Re: Yaesu 51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: wagnerj@watt.oedison.com
Message-ID: <4b6ia1$fcu@watt.oedison.com>
Source record: 208575

On 16 Dec 1995 14:50:26 GMT Stefan Kowal <100627.3426@CompuServe.COM>
wrote:

>Yaesu 51R

>Has anyone tried modding this radio? If so how did you do it and
>what results did you get? I am particularly interested in RX at
>70Mhz. The ability to switch AM, FM across the whole of the RX
>capability also looks like a bonus.

>Stefan, G0BJW
>CompuServe 100627,3426

I did the expanded freq mod found at http://www.qrz.com, and it works fine.
One solder jumper to remove, and it covers

110-140 RX
140-174 TX/RX
174-180 RX
420-470 TX/RX

There may be more coverage, but I haven't poked too much at the keyboard
yet. It seems to auto select AM mode in the 110-140 band, and can be
forced to AM or FM anywhere. Of course, the AM/FM mode selection can be
stored in a memory along with the frequency.

I don't think it covers to 70MHz, but there may be more mods to come.

Good luck, and let me know of you find other mods.

John Wagner wagnerj@watt.oedison.com

For Encrypted Mail: PGP Public Key Available upon Request

5821. Re: DTMF for IC-706?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: bhinkle@nc5.infi.net
Message-ID: <4b7fbj$2pr@news.infi.net>
Source record: 208576

In article <mwhite-1812951030360001@m14494-mac.mitre.org>,
mwhite@mitre.org says...
>
>I'm thinking about getting an IC-706 for mobile use, but am put off by
the
>lack of DTMF capability. Is there a DTMF mic that will work with that
>radio? Thanks.
>
>Mike, N4PDY
>

Mike, I have a 706 & a 2000H. The HM95 (with dtmf) mike off of the 2000H
works fine!

73

Barry KT4DQ

5822. Icom 281 or Kenwood TM-251E ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: rogers@hiMolde.no
Message-ID: <4b7i9o$okc@ulke.hiMolde.no>
Source record: 208577

I have just achieved a C licence and would like to buy a 2M radio. The choice seems to be between Kenwood TM-251 and Icom 281 (I think this was the type). My primary use for the radio is Packet.

Does anyone have opinions on these two radios?

Thanx..

--
Roger (Sysop RaumaMBBS #1 +47 712 22476 (300-21600+HST))
(#2 +47 712 21456 (300-28800))
PolarNet: Roger Storvik@RBS --- Internet Email:rst@it.tollpost.no
Homepage: http://www.himolde.no/~rogers

5823. IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512192349.AA03884@frodo>
Source record: 208578

About 1.5 months ago I picked up an Icom IC-706 HF Rig
and have been watching the newsgroup about this newest
HF rig.
I have been told that sales for this rig has really taken
off and that all other manufacturers of HF gear have felt
the bite of this little rig in the maket place.
At present, the ratio of IC-706 sales to other HF rigs have
been greater than 4 to one. What a way to take over the market,
by getting a bigger share of the marketplace.
I have had 7 hams come over to my QTH, to see it, since, it was
hard to find one on DISPLAY in the stores. Now 5 out of 7 ran to the
nearest dealer to get one!!
Hopefully, Santa can put one under your tree for the Holidays.
I really happy with mine, previously I have had TS-50, IC751A,
still have my FT900.
Being a Communication Equipment Electronics Engineer, I really
appreciate the great efforts that went into the IC-706. After I got
the schematics, block diagrams from Icom, spending many hours, playing
with it and its internal structure, I knew this was a real winner for
the Icom folks!!!
Happy Holidays to all, especially all those lucky enough to have
the IC-706, the greatest little marvel out of Icom. If you could read
between the lines, you would know even more about the IC-706, and how the
majority of people like the IC-706, after using one. How that for an
endorsedment.

73
Mike
W6TRW

5824. Re: Yes, Kenwood is losing it

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: USCG TELECOMMS <gttm@cais.cais.com>
Message-ID: <Pine.BSI.3.91.951219151214.5457B-100000@cais3.cais.com>
Source record: 208579

On 17 Dec 1995, Scott Rosenfeld NF3I wrote:

> Another gentleman claims that he and others have problems with
> their 940s after a few years, like the un-graceful aging of
> components makes them unstable.
>
I had a 940S for five years with no problems. One day the power output dropped to zero. Ham Radio Outlet charged me $600 to repair. They turned it on and it worked for about 10 minutes and blew up again. I called in my insurance company and got $2100 for the radio; I donated the radio. I bought an FT1000 and it's been a good radio for the last 5 years. I'm keeping my fingers crossed.

5825. Re: Pls help with frequency question.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: DUBY TODD <dube2@mci.newscorp.com>
Message-ID: <4b6p25$t2r@klein.delphi.com>
Source record: 208580

Do you have another receiver that has an accurate frequency readout? You can always use that. Or, you can just ask someone on the air to tell you what freq. they're receiving you on. By making a chart showing the dial indication vs the reported frequency, you'll soon have the entire band calibrated.

73,
Dube AB5AP

5826. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <4b71op$18s@mgate.arrl.org>
Source record: 208581

hduff@humnet.humberc.on.ca (Hugh Duff) wrote:

>> This month's QST features a slick microprocessor-controlled automatic
>> antenna tuner. The design seems solid, and the price for the parts kit
>> ($158) is reasonable. However......the article discretely mentions in >> a footnote that
"the source code is not available," for programming
>> the microprocessor. In effect, therefore, the article is simply a
>> promotion for a antenna tuner kit, and not a do-it-yourself article.

>> I feel strongly that QST should not publish construction articles
>> unless enough information is provided for readers to duplicate the
>> project themselves. It is fine for an author to sell a parts kit with
>> his article, but I do not believe proprietary information essential to
>> completion of the project should be withheld.

>Interesting ! I was under the impression that QST (ARRL) was very
>explicit about not accepting construction articles in which the author
>witholds proprietary information. This is dissapointing...I haven't
>seen the issue yet but the project sounds quite interesting to me.
>I guess the author wants you to buy the complete kit *or* at least a
>preprogrammed micro with the security bit set (so that you can't copy
>'em). That's the kind of nonsense you see in Popular Electronics.
>Maybe QST and/or the author has made an error :)

>Regards...Hugh Duff VA3TO

While we do consider these factors as part of our article-acceptance
process, it is not cast in stone. We have chosen to publish a few worthy
articles for which source code was not provided.

Unfortunately, more and more projects are going to involve
microprocessors and/or software. If ARRL takes the position that we will
only publish projects for which the source for all software and ICs is
fully disclosed, we will find more and more projects that we cannot
publish. In reality, many ICs have internal "firmware" of a sort, found
in the masking used for manufacture or in gate-array type devices. Where
should we draw the line?

What *should* we do about the offer to publish a project that is
interesting, useful and affordable, if the author uses a programmed chip
that he supplies? I suspect that 99% of the people who build it will do
just what I am going to do -- order the full kit and be happy I don't
have to locate all the parts. I have to wonder how many of the folks who
are saying that we should not have accepted the article would build the
projet had the author supplied the source code. There may be a few, but
is it really the right thing to do to turn down the article that a few

folks will not build, thus depriving a larger number of people who would choose to build it from the kit?

Even more important here, the author has agreed to supply either a kit, a bare pc board or *only* the preprogrammed IC. His charge for the IC is $20.00 for a programmed part and socket. The latest Newark catalog lists the unprogrammed device for $15.23; I didn't take the time to look up the socket, but I bet it is at least a few bucks more.

IMHO, when I evaluate all the factors, I am glad we chose to publish the article. I do NOT want to see QST start publishing only kit projects that contain proprietary information (for what MY opinion is worth), however, I do believe that we should continue to evaluate these things on a case-by-case basis. In this case, when I consider all the facts and the overall availability of the components, I believe we made the right choice.

73 from ARRL HQ, Ed Hare, KA1CV, ARRL Laboratory Supervisor

5827. ******TEST/MEASUREMENT EQUIPMENT******

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: lnorvill@ix.netcom.com
Message-ID: <4b7ac8$kid@ixnews7.ix.netcom.com>
Source record: 208582
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,sci.electronics.repair,comp.sys.hp.hardware

There is a new test and measurement equipment web site on the net
from Compudigital Industries.

http://www.compudigital.com

If you need test and measurement equipment, this is the place to
check, a lot of pretty neat stuff.

5828. Re: Yaesu ADMS programming; ft530; etc.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: sparkfel@primenet.com
Message-ID: <4b6spv$foi@nntp3.news.primenet.com>
Source record: 208583

wd6dih@ix.netcom.com(Kevin Karamanos) wrote:

>In <4b1n1o$23hk@firehose.mindspring.com> otterson@mindspring.com (Jeff
>Otterson) writes:
>>
>>Has anybody reverse engineered the ADMS-1 (FT11/41/51 programmer) box
>>to see what's inside? I'd love to know... The FT-530 is not
>>supported by this hardware; I don't know why, since it's clone port
>>works with the same MH29 digital microphone. I guess it's just a
>>matter of software. I'd like to know what the software communications
>>protocol looks like.
>>
If the 530 could be supported by the ADMS kit, you can bet Yaesu would
market it for that purpose.

The ADMS box does have a few discrete components in it as well as a
small DIP, which looks to be a world modem RS232 to TTL converter, but
I could be wrong, and I havn't had the time to probe any further.

Plugging stereo headphones into the FT11 or 51 yields an odd fast
pulsing noise, which is the electronic pulse used for cloninging and
MH29 control.

An odd note on the MH29 Mic. It too, has a "casino" mode. This can
be accessed by turning the radio off and then turning it back on by
pressing the power and call button on the mic at the same time. This
reaveals that the display is capable of showing a lot more than it
really does.

Also, the INI file for the ADMS unit shows some promise for some
software mods for the FT51R, but I have yet to try that out.

Mark Fellhauer
KC7BXS
sparkfel@primenet.com

5829. Re: Kenwood TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: nitz@access.digex.net
Message-ID: <4b6t17$2l1@news3.digex.net>
Source record: 208584

In article <4b6e69$mkf@mksrv1.dseg.ti.com>, QRP%mimi@magic.itg.ti.com
says...
>
>James,
>
>I'm about to purchase a TS-870S (to succeed my TS-850S/AT).
>I'd be interested in any nifty info you come up with on the
>870 that I can add to my archives (which are empty now).
>
>Thanks and 73!
> Dean Hemphill, KC5NG
> Lake Dallas, Texas
>
Dean:

Boy are you in for a treat. I was a bit skeptical about upgrading the 850 after reading some lukewarm notes on this forum several months ago. I decided, however, it was worth a try. I'm very happy with the radio, although I'm a rank beginner at it so far.

Here's what I've noticed so far:

1. If you're a CW operator, the CW band-pass characteristics with the digital filtering is awesome: down to a resolution of 50hz! (Really.) This allows you to separate some very close signals completely out of your pass band.

2. If you're a computer user, you'll spend hours playing with the RCP program. It's a hobby of its own, designing virtual radios with the interface of your choice. The RCP software has an excellent scripting language (which I have yet to use) and a selection of pre-fabbed radios to suite your fancy.

3. RCP can directly key your (CW) transmitter by reading typed text, line by line, or by an entire file.

4. Without any additional hardware, you can finally set your SSB audio characteristics to fancy DX, rag-chew or inbetween frequency response characteristics. I plan on using a very bassy equalization (without processing) on 40/80 meters. On 10-20 meters during DXing and contesting, I plan to use the transmit hi-boost equalization and speech processor high frequency response characteristics. These "parameters" are very easy to change, store and retrieve via the RCP interface or the menu on the rig.

5. I'm not an expert on the noise reduction modes (as indicated by my original post to this group!) but the advertisements in QST seem to

indicate that Len Enhancer Method processing is good for SSB and SPAC for CW work.

6. This receiver has an even quieter sound than the 850, which I find incredible in itself.

7. If you're a die-hard CW operator, set the rise/fall time parameters as fast as possible. This separates high speed CW characters more effectively. At moderate CW speeds (say 10 - 20 wpm), I actually like a slower rise/fall time.

8. If possible, take delivery of this radio when you have *lots* of time to play, i.e. more than two hours (like I did). Although you can literally be up and running in 5 minutes, you'll miss out.

This is one radio that can be enjoyed best by browsing the manual thoroughly first. Keep the manual handy when you're playing with the radio.

9. The RIT/XIT knob upon first inspection appears to be a flimsy, cheap oversite because it "feels" cheap. This is actually a well thought out feature; the knob spins like a top...it makes changing RIT/XIT frequency much easier than on the 850 and other previous radios.

10. No, it's not your imagination, but the MIC GAIN has absolutely no affect on your audio signal during transmission when the processor is on. The two visible controls on your radio that do affect audio are the processor compression and carrier control. This is clearly explained in the manual. (Also TX equalization button)

11. CW sidetown volume is now controlled by your MONI adjustment. If this knob is counter-clockwise you'll wonder why there's no sidetone (This is very different from the 850!)

I don't know if he's on the internet, but my contact with Tom, WA0X pushed me over the edge into purchasing the 870. He's the first (and only one so far) station I've actually heard using the 870.

Dean, I think you'll be very pleased with the 870 as an upgrade to the 850. I hope to get some serious radio time this upcoming weekend and over the christmas holiday season. If you'd like, please tell me what HF bands you operate and I'll be glad to try meeting up with you.

Happy holidays and good luck with your upcoming purchase.

[Jim Nitzberg, WX3B]
nitz@access.digex.net

5830. Re: HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4b6vfm$ste@mksrv1.dseg.ti.com>
Source record: 208585

> Does any body know if radio shack htx-202 can be modified to cover
>commercial band to 172 Mhz.
> -Thanks VE6IMH

The HTX-202 cannot be made to work outside the 2m amateur band.
The front end has sharp helical resonators, which is why the
HT has such good resistance to intermod and pager transmitters.
This is both a blessing and a curse...
73 de KC5NG

5831. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Message-ID: <4b71o8$4pk@crc-news.doc.ca>
Source record: 208586

"Thomas C. J. Sefranek" <sefranek@iii.net> wrote:
>Jim
> You are singularly uninformed!
>
>There was a HUGE response to the previous Keyer article!
>

I am not at all surprised that there was a response. I presume that it was mostly negative. Why am I not surprised? These mostly negative comments should be considered with the same sensitively as the news of a preacher caught "in flagrante delecto" - with mild amusement of such hypocracy. The outrage spewed out from those who object to such articles is quite evident. Yet, we never see any improvements by these same sentinels of the traditions of hamdom. Indeed, the only improvements that I have ever seen are from the originating authors themselves, the W9GR DSP filter is a singular example.

>Search the archives!
>

Good Lord, I would rather not - I wouldn't want to ruin my Christmas holidays. Such puffery is not in keeping with the spirit of the season.

>(I was part of the net noise then too!)
>

I trust you were forceful in your views.

>Tom
>WA1RHP
>
>

73 and live better digitally
Jim, VE3XJ

5832. Re: TV sweep tubes vs. RF output tubes

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: Tom Pfaffenbach <tvpfaffe@mail.delcoelect.com>
Message-ID: <4b71bt$91@kocrsv08.delcoelect.com>
Source record: 208587

One of the finest "Sweep" tubes for ssb amplification is the 6HF5. Hallicrafters and Swan both
put this tube to good use in the late 1960's. Hallicrafters used a single 6HF5 in the HT-46 and
achieved an honest, linear, 175w PEP output. Operating conditions used a d.c. negative grid bias set for 40ma @ 725 volts on the plate idling and 210 v on the screen.

Swan used a pair of 6HF5's in the 500C and achieved an honest, linear 350w PEP output with a dc
bias at idle of only 20 ma for each tube (40 ma total) at 900 plate volts and 250 screen volts.

The 6HF5 has multiple r.f. grounding connections for the screen and cathode, which allow stable
design at very high gain levels. These tubes make use of the fact that the average powerlevel
in the human voice is 10 or more db below the peaks. Their high perveance design means that they do not work very hard at all in amateur SSB application, and will last almost indefinitely, if they are not destroyed by careless tuning. On a voice peak they may have an
instantaneous plate current of 250 ma per tube. That amounts to an input of 10X the plate dissipation,

Historic application of 807 and 6146 vacuum tubes in amateur equipment usually set dc input power at 3X the plate dissipation level, but this was based on approximately 70% class C efficiency, not the linear AB modes or the 10-20 db variation between peak and average drive
levels.

73 de K9JDU

5833. Need info on YAESU FT-208R HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: kstephe@ix.netcom.com
Message-ID: <4b77fh$ids@ixnews4.ix.netcom.com>
Source record: 208588

I am looking for a users manual and or any manual for the
YAESU FT-208R HT.
Also need manuals for the YAESU NC-3A Charger.
Thanks for the help.
E-Mail kstephe@ix.netcom.com

5834. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819455742.28942@pinetree.microserve.com>
Source record: 208589

dgf@netcom.com (David Feldman) wrote:

>I suppose such an article is slightly better than none at all, but I
>did think this was _AMATEUR_ radio, with learning & teaching a priority.

Learning by doing, not learning by copying. Most construction articles
don't meet that requirement, with or without source code. That's what
technical articles and engineering papers are for.

>A secondary concern is the inability to repair a failed unit except by
>dependency on the author's enterprise.

Most hams I've met can't even repair their own microphone. Besides,
everyone who buys a new transceiver is immediately dependent on the
manufacturer to make repairs. Why should QST be the only source
required to provide a complete and intimate knowledge of their
"product"? Call Icom or Yaesu sometime and see if you can get
their source code.

73,
Jack WB3U

5835. AC line Brute Force Filter question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: scicon@ix.netcom.com
Message-ID: <4b7a8d$af@cloner3.netcom.com>
Source record: 208590

My transmitter is causing TVi on 40m and I'm pretty sure it's due
to interference on the AC line (same TVI on two different antennas.)

The xmtr is plugged into a Radio Shack "AC line filter".

Is this the same thing as a "Brute Force Filter?"

5836. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4b7b81$kgn@pacific.mps.ohio-state.edu>
Source record: 208591

Hi Ed,

Thanks for your thoughtful response to my initial posting and those of all the other guys who have commented on
this issue.I can understand your point of view, since you don't want to deny the QST readership articles about
novel projects, and since the vast majority of builders would probably opt to buy the kit of parts, even if the
source code were provided.

5837. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4b7b85$kqm@pacific.mps.ohio-state.edu>
Source record: 208592

Hi Ed,

Thanks for your thoughtful response to my initial posting and those of all the other guys who have commented on
this issue.I can understand your point of view, since you don't want to deny the QST readership articles about
novel projects, and since the vast majority of builders would probably opt to buy the kit of parts, even if the
source code were provided.

5838. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4b7d4h$krf@pacific.mps.ohio-state.edu>
Source record: 208593

Hi Ed,

Thanks for your thoughtful response to my initial posting, and also to all the other guys who have commented on this issue.I can understand your point of view, since you don't want to deny the QST readership articles about novel projects, and since the vast majority of builders would probably opt to buy the kit of parts, even if the source code were provided. However, I think there is a matter of principle which I and many QST readers think is important, and which the publication of this article seems to violate -- namely the idea that construction articles from the League's official journal should not appear to be crassly commercial. I have received many email messages about my original posting, and several hams have commented that the ARRL "obviously" receives kickbacks from kit vendors by publishing articles of this sort. Others have said, in effect, "The whole society is corrupt so why should you expect the ARRL to be any different?"
I am not so cynical, but I think QST is beginning to wade in treacherous waters by moving in this direction, and that the League runs the risk of eroding the integrity which it has built up over the decades. I also don't think the line is quite as unclear as you claim. To my mind the guiding principle should be this: QST construction articles should not obligate the builder to buy proprietary parts sold only by the article's author. Period. If authors aren't willing to abide by the rule, then they should pay for advertising space in the magazine like everybody else.
I also think a great deal of educational opportunity is lost by not making source codes available, either on request or on a BBS. I would be very interested, for instance, in seeing the source code for the antenna tuner, not so much because I want to build one but because I would like to learn about some of the concepts. Were I to build the tuner, I might also want to "tweak" the code, perhaps changing some of the swr limits, or modifying the interface a bit. The essence of the homebrew spirit is to fiddle with circuits, and QST should not deny its readership such opportunities.
The ironic thing about this antenna tuner is that the source code seems to be quite simple. The code just switches relays in a systematic manner to find the minimum swr. There may

be some cute algorithms needed to compress the code into a small ROM space, but I doubt it. I
don't see that the authors are gaining much-- if any--proprietary advantage over potential competitors that isn't vastly overshadowed by the benefit of having their invention distributed
free to a national audience.
I would like to respectfully suggest that the editors take up this issue as a policy matter and try to develop editorial standards which can be clearly and unambiguously explained
to the League membership.

73,

Jim W8ZR

5839. Want diagram computer if ic706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: egroen@inter.NL.net
Message-ID: <DJuwn3.41L@inter.NL.net>
Source record: 208594

Hi can anyone supply me with a schematic diagram of a RS232 level converter (Computer IF) for the ICOM radio's?
I think it must be the same as the SEASON IF they use to emulate the Videocrypt smartcards for SKYchannel on Sat. Can anyone confirm?
Bye Enno

5840. Re: Asking for Advice on R-7 and grounding(2nd floor shack)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4b7iop$8oj@oskgw.osk.sony.co.jp>
Source record: 208595

Sorry about the subject,
It should have been :
"Asking for Advice on R-7 and grounding"

5841. Advice on R-7 and grounding(2nd floor shack)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4b7gl3$8oj@oskgw.osk.sony.co.jp>
Source record: 208596

Hi:
I live in Tokyo, where it is impossible to establish a ground radial system.
I bought a Cushcraft R-7 since it supposedly does not need any radial network.
The R-7 is mounted to a mast. The bottom end of he mast is burried about
3 feet in to the ground, and the mast is fixed to the side of the house. The
antenna is a about 19 feet off the ground, the R-7's short radials
are just clearing the second story gutter. For establishing a grounding system, I have
placed four grounding rods around the base of antenna, and all of the rods have separate
14 gauge braid leads running up to the second floor, but they are not yet connected to the
antenna, mast nor radio.
I would like to know how to go about grounding the radio/antenna system. The radio
is located on the second floor. SHould the mast be grounded, and then should a ground
wired be attached to the top of the mast near the antenna and then from there
should a ground wire run to the radio. Or, should a separate ground wire be run
straight from the radio directly to a separate ground rod. What I am worried about is
possibly creating a ground loop, so should the grounding arrangement be "star" or a bus ?

Confused ?

5842. Re: Info: Alinco 70 or Ft 900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: mike_cash@mlngw.chinalake.navy.mil
Message-ID: <mike_cash-1912951055410001@cash_mike.chinalake.navy.mil>
Source record: 208597

> From another Dean...
>
> I use my DX70 mobile AND in the shack. It doesn't compare to badly
> with my 990 but will take the 990 for shack use in general. As to
> mobile, the 70T is miles ahead of my old 757GX. Only knock is the
> noize blanker? It doesn't.
>
> Listen for me tomorrow on 14200 +/- on a short trip into the
> mountains of Az.
>
>
> C. Dean Norris, Esq.
> Amateur Radio Station K7NO
> e-mail to dnorris@k7no.com

Dean, I talked to Alinco about the noise blanker, they said that the early versions did have a problem and that they will fix it for free if you send the radio in. The said that they have a new fix for the Nov. 95 shipments. (read the QST Dec. evaluation).

I do plan to use the radio for mobil. Thanks for the input on your experience with the dx 70.

Does anyone know if there is an external VOX that would work on the dx 70???? Alinco had know idea how to do it.

--
Mike, KN6IS

5843. Re: TS850 slope tune with CW filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4b7l38$ocm@newsbf02.news.aol.com>
Source record: 208598

This is normal behavior. Not to worry. I agree that both filters are very effective working together, but either filter alone is a big improvement over slope tune alone. I use the filters and ignore the slope tune in the digital modes. Slope tune ssb is good.

5844. Re: IC-706 RF interference

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: ga19989@evax01.d51.lilly.com
Message-ID: <1995Dec19.192730.1@evax01.d51.lilly.com>
Source record: 208599

In article <4b6k1l$gsa@newsstand.cit.cornell.edu>, Bill Schaff
<schaff@iiiv.tn.cornell.edu> writes:
> I just replaced a FT101 with a IC706 and have become public enemy number
> 1. The 706 is wiping out cable TV, telephone, AM/FM radio, and most
> unforgivably, my son's Nintendo. Operation with the FT101 produced mild
> telephone interference only. Has anyone else seen such severe
> interference relateed to the 706 on 40-10 meters?

Have had an IC-706 for just a week, but no visible RFI on the PC terminal sitting right next to it (1 inch away) with antenna Coax running within 18 inches of PC stack.... a little rippling when on 80 meters, but same effect for Kenwood running at exact same frequencies

Also, no visible TVI on 1974 Panasonic TV sitting six feet away.... not even that good from the Kenwood 940 also in the shack... there's a little stray RF from the 940, but not a problem 30 feet away

My guess is that something that was right (coax, ground, maybe power supply) got messed up when you installed the 706.

Having fun with the 706... hope you find your gremlin

Mel KJ9C

5845. RE: BILL - Your FTDx-400 Schematic !!!!!!!!!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: Dave Phillips <dphillips@ips.iac.honeywell.com>
Message-ID: <4b6q8c$boe@cst715.iac.honeywell.com>
Source record: 208600
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Bill

Right after I e-mailed you the last note, our mail server took out its disk drive and I lost your address. Please reply again so that I can mail these schematics to you as soon as possible.

73's & Happy Holiday's

Dave
KB7JS

5846. Re: AC line Brute Force Filter question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4b7o2j$pqd@newsbf02.news.aol.com>
Source record: 208601

In article <4b7a8d$af@cloner3.netcom.com>, scicon@ix.netcom.com(Dan Walker
) writes:

>
>Is this the same thing as a "Brute Force Filter?"
>
>

I would call it a Whimpy Little Shove line filter, hi. Maybe you need a
bigger filter, or maybe the path is not through the line from the rig.
Does it do it witha dummy load????
73 Tom

5847. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: kjsmith@violin.aix.calpoly.edu
Message-ID: <4b8ci3$oke@violin.aix.calpoly.edu>
Source record: 208602

I'm not sure what problems with Alinco you're referring to, but I'm quite happy with mine. I own (or use) many different radios. As far as HTs go, they include the following:

Icom IC-U16, Icom IC-02AT, Alinco DJ-580T, Motorola Systems Saber VHF, and a Motorola GP-300 UHF. I don't own the Motorola's, they're work-radios.

The 02AT sits on my desk as a base radio with a power supply, external speaker & mic, and base antenna. It has given no problems, but is EXTREMELY limited on features (no scan channel lockout, PL limitations, no Rx PL, etc). It works, and I keep it as a simple radio to work local repeaters.

The U16 is used for some volunteer work, and has proved reliable.

The Alinco gets carried daily to school, to work, basically everywhere. I have repaired the BNC antenna connector a few times, but that has died down now that I don't switch antennas as often (when I first became a ham, it was my base radio and mobile, so antenna swaps were frequent). The radio is durable as far as modern ham gear goes, and I'd buy another one if it ever died. It's inexpensive, easy to use, and reliable.

When it came time to buy a mobile, I opted away from Alinco, going for something with mroe bells and whistles. I bought an Icom IC-2700H, and it's the biggest piece of crap I've ever used. It's made three trips for warranty repairs, and never did get fixed properly. I decided to fix the problem myself, bought a service manual, and spent my time doing a repair that I "paid" for with an expensive radio. The radio suffers from terrible intermod, has a crossband repeat that is so noisy it's unusable, and I think the construction of the control head (specifically attachment of PC boards from knobs to display board) is terrible. Bad design, cheap, unreliable.

If I had _that_ one to do over again, I'd have bought an Alinco DR-610T. I have two friends with older Alinco mobiles (DR-590 series), and they work flawlessly.

Friends with Kenwood have more problems than I with my Icom. The DTMF control of the radio is hideous (mic is always hot, PTT switches transmitter), making it possible to hear DTMF signals over the speaker and have them control your radio unintentionally (a friend has this problem when using an autopatch which retransmits the digits over the air after dialing). Terrible design.

I'm not sure why I'm ranting, I'm not a rabid fan of Alinco, they've made some design errors in my opinion as well, but I think they're the best

one going at the moment (save buying Motorola Syntor X 9000's, which are a pain to use due to the computer programming if you travel much). What really surprises me is the reviews in QST, which makes these radios look like they're the best thing since sliced bread. Where are they testing these radios? In a faraday cage where no paging transmitters exist?!?! Or is this what I am to expect when I read a review on one page and a huge Icom ad on the next?

--
Kirk J. Smith, KD6RCT, EMT-P | Biological Sciences Dept, Microbiology
kjsmith@oboe.aix.calpoly.edu | California Polytechnic State University
http://www.calpoly.edu/~kjsmith | San Luis Obispo, California, USA

5848. FS: Yaseu FT-73R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: kc5afm@fais.net
Message-ID: <4b8k8b$hbj@aladdin.iii.org.tw>
Source record: 208603

I have a Yaseu 440 Mhz hand held for sale. Asking $150.00 or best offer before Christmas.

e-mail kc5afm@fais.net
J.W. Wolfington

5849. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819454022.28942@pinetree.microserve.com>
Source record: 208604

ahall@netline.net wrote:

>Just venting some emotions about Alinco products after a friend
>was considering a DR 600 mobile (the ad and price where nice) - I did
>convience him of NOT making the purchase and he bought a Kenwood

That might not have been the best choice, either. Has he looked to
see if it's made in China?

73,
Jack WB3U

5850. Kenwood TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: nitz@access.digex.net
Message-ID: <4b56k5$ocq@news4.digex.net>
Source record: 208785

Being the proud owner of a new Kenwood 870S, I'm interested in advise from anyone who's used this radio for several weeks or more. Here's a list of questions I've formed after about 4 hours of "playing":

1. Under what circumstances does the SPAC filtering work best?

2. Under what circumstances does Line Enhancement mode work best?

3. Has anyone figured out how to use the Radio Control Program to send CW a character at a time, instantly, as text is typed?

4. Is it normal to hear some "carrier" tone during SSB peaks when the IF notch is engaged and filtering out a strong signal (at about 1000hz)? What's the best way to minimize this effect?

5. Based upon monitoring my own signal, it appears that the TX-shift feature changes the frequency response of my output. Is it doing anything else?

After several sessions with this radio, I've concluded that it is indeed a worthy successor over my 850S-AT, which I used for four years!

Thanks to anyone who can help. If anyone needs more information on the 870, I hope to be able to help you better in the next few weeks!

73,

James A. Nitzberg
WX3B
nitz@access.digex.net

5851. Re: Results:survey of factory repair times

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4b529q$fcc@ssi.syspac.com>
Source record: 208786

Hang_glide@ids.net (Mike Sylvia) wrote:

>I may be late to get into this thread, I'm new in the 'newsgroups'.
>I had a problem with my Alinco 2M mobile (in warrenty). I sent it
>to CA the week before Thanksgiving and it was back to me the
>monday following the holiday. The main board was replaced at
>no charge. Great service in my book!

>73

>Mike

>--
>
><<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
>>>>>>>>>>>>>>>>>>>http://ids.net/~hang_glide/home.html<<<<<<<<<<<<<<<<<<<
><<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
>MIKE>SYLVIA>H3>N1TBV>NORTH>KINGSTOWN,R.I.>163SUPERSPORT>HANG_GLIDE@IDS.NET

I have a bunch of Yaesu gear and their history is <2 weeks for almost
any repair/re-alignment chore. In addition, they upgrade NC for most
upgrades (if not all). Super service in my book.

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

5852. IC555 FM, PBT, and VOX accessories

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: rvr@pacifier.com
Message-ID: <4b5dkn$tte@news.pacifier.com>
Source record: 208787

Looking for the FM module, the Pass Band Tuning module, and the VOX module for the IC 551 6 meter Xcvr. Anybody want to clean out the junk box and make a buck?

Thanks,

Ron

--
Heck, writing is easy. Just sit down and open a vein...

5853. Re: yaesu FT-10 -- Dead on Arrival!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: bgray@connix.com
Message-ID: <4b5ekh$o8@comet.connix.com>
Source record: 208788

jgkamm@mis.net wrote:
: Just Got a New Yaesu FT-10 High Power HT
: they said it was MIL Spec. compliant!

: ...It doesn't work!

And...??

5854. RADIO STATION DATABASE.ZIP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: charles bolland <chuck@flinet.com>
Message-ID: <4b6e85$pve@news.flinet.com>
Source record: 208789
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

Friends,

For those of you that have already received the Radio Station Database Demo, I may have typed
a line of the unzip instructions incorrectly. The correct unziping instructions should read:

PKUNZIP.EXE DATABASE.ZIP C:\DEMO2

If you haven't received the demo database for radio stations yet, send me your E-Mail address
and I will send it to you via E-Mail

Chuck Bolland

5855. Re: Connecting computers over radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: sierra.electronics@connectus.com
Message-ID: <4b77u4$ljf@tofu.alt.net>
Source record: 208790
Cross-posted to: rec.radio.shortwave,alt.radio.digital,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

mack@ncifcrf.gov (Joe Mack) wrote:

>In article <49m6fe$g87@park.interport.net> danax@interport.net (Dan Axelrod) writes:
>>Hello all.
>>
>>I am interested in an interesting idea that I have for my computer:
>>
>>I want to connect the computer to another one over the radio waves.
>>I need it to be running 24 hrs a day 7 days a week. It has to broadcast
>>over about a 60 mile range. And have a speed of about a 28.8 modem.

>this style of operation (unattended and personal/business) is not compatible
>with ham bands

>>
>>Preferably I would want a full-duplex connection just hooked up to
>>modems on both sides. But other similar ideas I want to consider for
>>myself too.
>>
>>I live in the US, and in fact I want to transmit from the east cost of New
>>Jersey to Long Island NY.
>>
>>I thought that maybe SW radio would be good, since it's a. not regulated,

>it's very regulated

>>and b. can bend over the horizon.

>true, but due to multi path propagation your maximum baud rate is pretty low
>unless you are frequency agile and operating close to the MUF. 1200bd is about it.

>VHF through microwave is needed for this sort of data rate, 56kb modems are
>available for this for about $300 (I think)

>>
>>Does anyone know how possible, leagal and/or expencive is this project?

>Well everyone wants one of these. They are starting to be off the shelf but
>they're expensive in the kilo$ region I think. There's things like
>personal computer communicators which send RF around a building at about
>900MHz and if you put an antenna on them they go for about 2 miles.
>I understand that companies have developed stuff at about 2-5GHz to do the same
>thing. I'm hoping that ham packet will all go over to this sort of stuff
>so we can have ethernet data rates on 10GHz.

>Joe Mack NA3T
> mack@ncifcrf.gov

>>
>>(e-mail is prefferable)
>>Dan Akselrod
>>------------
>>http://menger.eecs.stevens-tech.edu/~danax
>>mailto:danax@interport.net
>>

If you are looking for higher data rates then you will need to sit tight and wait for the new PCS rollouts and you will see some 2 Ghz + spread spectrum equipment that will handle the higher data rates. Microwave is currently very expensive for the necessary radios. Even at 900 Mhz you are talking about some very expensive equipment!

EWW

5856. FT-1000D Noise Blanker

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: jhill@minn.net
Message-ID: <4b5dq2$h1u@bronto.minn.net>
Source record: 208791

I recently upgraded to an FT-1000D after my much loved and highly tweaked TS-930 took a lightning hit. I have been satisfied with the FT-1000D despite it not having the IRCI filters my 930 had but the noise blanker seems to not function nearly as well as I expected. My 930 would nearly eliminate an S-7 line noise problem, though like many rigs it was succeptable to overload by strong adjacent signals. On the other hand, the FT-1000D barely drops the line noise by half an S unit. It doesn't matter whether I use the wide or narrow noise blanker mode. Anyone else care to comment on their FT-1000D's noise blanker performance? Thanks in advance.

John S. Hill, NJ0M
Product Engineer
Timewave Technology
jhill@minn.net

5857. Re: Info: Alinco 70 or Ft 900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: jkauffmn@netcom.com
Message-ID: <jkauffmnDJtCuC.E5n@netcom.com>
Source record: 208792

Mike, KN6IS (mike_cash@mlngw.chinalake.navy.mil) wrote:
: Anyone have experience with these. I am looking to buy a small hf rig.
: Thanks.

: --
: Mike, KN6IS

Hi Mike & the group,

I have the FT-900AT in my Raider mounted on the dashboard. It takes up very little space and is an excellent radio. I use the SG-230 tuner and their antenna mounted on the roof. This combination is top notch!

Good luck,
Jim, N7TTO/4 Mobile!

5858. Re: IC-2350H Opinions Please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: Chet <skeller@niia.net>
Message-ID: <4b5fm8$pjv@gold.niia.net>
Source record: 208793

k2pj@sccoast.net (Tom Palmieri K2PJ) wrote:
>
>Can anyone provide me with opinions regarding the IC-2350H ?
>performance, etc.?
>
>
>Thanks for your help
>
>73 Tom
>
>k2pj@sccoast.net

I have had my 2350 since October, and I love it. I paid $495 for it, and it was a great buy. The radio is simple to operate, and it performs well on 2m and 440. The aircraft band rx in mine doesn't work as well as I would like, but I didn't buy it for that reason anyway. It seems to have a problem with strong signals on aircraft band rx. Weaker signals are fine. It has 35w on 440, and 50w on 2m. I has 50 memories for each band, and has a built in antenna duplexer. Other operators have told me that it has good clean audio. I haven't had it long enough to tell you about durability, etc. I have only been on the radio for about 2 years, so I haven't had a lot of radios to compare it with. At this point, I would recommend it to anybody who can't afford $700 for a dual band mobile, but still wants most of the bells and whistles. It can crossband repeat, scan, and dual rx.

A couple things that it lacks. Tone squelch as standard equipment and vhf+vhf, uhf+uhf rx. I can live without either of these, and I can always buy the tone decode board if I operate in areas with a lot of intermod. I hope this helps.

(((0)))(((0)))(((0)))
Scott Keller, N9WDH
skeller@niia.net
(((0)))(((0)))(((0)))

5859. Ten-Tec Scout 555 noise blanker?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4b64sm$1q0g@info4.rus.uni-stuttgart.de>
Source record: 208794

Hello,

I should like to learn about the noise blanker option available
for the Ten-Tec Scout 555. Under what conditions does it
help, and when will it do more harm than good. Does it help with
the noise from distant thunderstorms?

73, Moritz DL5UH

5860. Re: yaesu FT-10 -- Dead on Arrival!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: wd6dih@ix.netcom.com
Message-ID: <4b5ovp$8lv@cloner2.ix.netcom.com>
Source record: 208795

Try Charging the Battery....

In <4b5ekh$o8@comet.connix.com> bgray@connix.com (Brian Gray) writes:
>
>jgkamm@mis.net wrote:
>: Just Got a New Yaesu FT-10 High Power HT
>: they said it was MIL Spec. compliant!
>
>: ...It doesn't work!
>
> And...??
>

5861. Re: Kenwood TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4b6e69$mkf@mksrv1.dseg.ti.com>
Source record: 208796

James,

I'm about to purchase a TS-870S (to succeed my TS-850S/AT).
I'd be interested in any nifty info you come up with on the
870 that I can add to my archives (which are empty now).

Thanks and 73!
Dean Hemphill, KC5NG
Lake Dallas, Texas

5862. Re: TS850 slope tune with CW filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4b6edk$mkf@mksrv1.dseg.ti.com>
Source record: 208797

As I recall from a magazine review on the TS-850S, they felt like the high cut worked with one filter, and the low cut worked with the other. Based on that information (feeling?) I think you're seeing what they saw.

I have all the filters in my 850, which I put in right from the start, so I don't notice that problem.

I think the best solution is to load up with filters! ;)

73 de KC5NG

5863. Re: WTB Wide AM Filter For The Yaesu FR 101

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: Jimmy Hall <kj5qn@ipa.net>
Message-ID: <4b68vq$aa4@dogbert.ipa.net>
Source record: 208798

Hello All,

I have a friend with the FR101 Yaesu receiver that really needs

a wide AM filter. I think it is 6 KHZ but not sure. If you have

one or one of the Fox Tango filters, pse email.

Tnx Jimmy

5864. Manuals VHF/UHF Needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.91.951219015453.38609A-100000@freenet3.freenet.ufl.edu>
Source record: 208799

Hi Tom here <KD4QHH>

I am looking for shop manuals for the Master-pro, Master-pro II >VHF.
Also Mitrek & Micor rigs... Trying to help set up some packet rigs
<Rose stack, backbone & PBBS> need to keep on hand the schems, mods
<9600> an Pin outs for setting up these rigs....

The Ole Master-pro manual is needed for old vhf repeater service...

If you have them to spare or copies can be made let me know, We're
working without any tech support.

Tnx De Tom

5865. alinco dr-150

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: l42398@alfa.ist.utl.pt
Message-ID: <4b63go$ceu@ci.ist.utl.pt>
Source record: 208800
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.digital,rec.radio.amateur.misc

I'm thinking in buying an Alinco DR-150 and I wonder if anyone have had
any experience with it.
I would apreciate any coments.

Tnx in advance.
73, Happy Xmas,
Luis Martins

5866. IC-706 RF interference

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: Bill Schaff <schaff@iiiv.tn.cornell.edu>
Message-ID: <4b6k1l$gsa@newsstand.cit.cornell.edu>
Source record: 208801

I just replaced a FT101 with a IC706 and have become public enemy number 1. The 706 is wiping out cable TV, telephone, AM/FM radio, and most unforgivably, my son's Nintendo. Operation with the FT101 produced mild telephone interference only. Has anyone else seen such severe interference relateed to the 706 on 40-10 meters?

5867. Re: Info: Alinco 70 or Ft 900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4b6ig9$bkk@ssi.syspac.com>
Source record: 208802

QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG) wrote:

>I own the Alinco DX-70T. It performs well on SSB, haven't tried
>it on CW. I use it strictly mobile. I'm impressed with the
>receive audio, sounds good even through the little speaker on
>the radio's top panel. The operation of band changing is not
>as straight-forward as I'd like, but since I have to stop the
>truck to change antenna band taps (Outbacker Perth), it's not
>a big deal to change bands (not a big deal anyway, you just have
>to be looking at what you're doing due to multi function knobs).
>Being able to remote the front panel is nice, but costs extra.
>The radio has a good solid feel to it, as if it's constructed
>well. I know my Alinco handy-talky is well built also.

>Overall, I'd say it's a good buy for the price.

>73, Dean KC5NG

From another Dean...

I use my DX70 mobile AND in the shack. It doesn't compare to badly
with my 990 but will take the 990 for shack use in general. As to
mobile, the 70T is miles ahead of my old 757GX. Only knock is the
noize blanker? It doesn't.

Listen for me tomorrow on 14200 +/- on a short trip into the
mountains of Az.

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

5868. Re: Info: Alinco 70 or Ft 900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: joentam@transend.com.tw
Message-ID: <4b5vc5$lec@keelung.transend.com.tw>
Source record: 208803

In article <jkauffmnDJtCuC.E5n@netcom.com>, jkauffmn@netcom.com says...
>
>Mike, KN6IS (mike_cash@mlngw.chinalake.navy.mil) wrote:
>: Anyone have experience with these. I am looking to buy a small hf rig.
>: Thanks.
>
>: --
>: Mike, KN6IS

Hi Mike,

I'm using the Alinco DX-70 as a travel rig. I've been all over the place with it and am very pleased so far. I dont use it mobile....I use it as a suitcase 100 watt HF rig while traveling around SE Asia. Works fine, great audio. Have a FT-890 too, but that rig is too heavy to lug around. Guess it depends on your usage. In the mobile, the 890 is nice since it has the built in keyer and ATU. Then again, the DX-70 is about 1/3 the weight but omits the internal ATU and CW keyer.

73, Joe BV/N0IAT

5869. Help ! Manual Needed For Kenwood 520SE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-19 00:00:00 UTC
From: "Your login id"
Message-ID: <4b5f8h$jmf@Kaos.deepcove.com>
Source record: 208804

Help! My father who is retired and a Ham operator, had the matching speaker and microphone for the Kenwood
520SE stolen along with the manual which was stored in the same box.

Any assistance on how to obtain a manual for the 520SE would be much appreciated.

Thanks

Frank ex VE7CYU, VE7CYX

5870. Re: Trouble with Yaesu FT900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512201500.AA04236@frodo>
Source record: 208355

Date: 20 Dec 1995 05:55:57 GMT
From: joentam@transend.com.tw (Joe BV/N0IAT)
Subject: Trouble with Yaesu FT900

In article <4b3385$878@hitel.kol.net>, hl1dk@hitel.kol.net says...
>
>Keywords: Yaesu FT900
>
> My Yaesu FT900AT goes off "automatically" in 5 seconds(sometimes 10
>minuites or so) after I swich it on. Not always, but sometimes. And when
>I switch it on again, it works perfectly. I only experienced just once it
>happend twice in row.
> I asked it to the Yaesu people in Tokyo, but they don't have such
>report so far. Anybody who has same problem? HL1DK/Lee

Several months ago, there were similar reports on this newsgroup
that the FT-900 had a CPU problem that caused the rig to shut
off mysteriously after a few minutes of operation. I dont recall
the specifics, but a firmware upgrade was required to fix the
problem.

I recall the 900 in question was being used as a repeater remote base,
and the periodic shutdown was very troublesome for the owner since he
was forced to return to the repeater site to cycle the rig off/on again.

Perhaps someone can offer more specifics that I.

Best regards and seasons greetings,

Joe BV/N0IAT

Taipei TAIWAN

ex 7J1AOF ex KA0ZDH ex YU3/N0IAT
Licensed Radio Amateur since 1986

The USA station that Joe referred to is NI6R in Brea,California. USA, he
took his FT-900 down to Yaesu USA, according to him, they shipped his radio
japan to fix it.
He has a company that builds HF remote control cumputer interfaces
for HF radio's.
That's how I learned of it, and I contacted the Technical Representive
named (Chip) at Yaesu USA in Cerritos, California.USA and he said bring it
in, we will upgrade to version 3, under warranty, for free , since then,

no problems, great RIG.
73
Mike
WB6DJI

Also, my brother hasa FT-900, WB6ZUF, had the same problem , he took his in,
had the firmware upgrade, had it replaced at the Yaesu USA headquarters in
Cerritos, California. USA.
The people in Japan may not be aware, since Yaesu USA took the lead here,
to fix the problem, by upgrading the radio's in the USA, and Japan just
upgraded the CPU firware, with thinking that the Main Field Offices like
Yaesu USA, Yaesu Europe would do the CPU firmware changes in their facilities.
I believe there is a communications problem there on you end, I suggest you
have Yaesu Japan contact Yaesu USA.
Now, its a great rig!
Yaesu Corporation USA did not want to get a bad image here, so they really went out of
their way to keep their customers happy.

73
Mike

upgrade y

5871. Re: FT-1000D Noise Blanker

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jsutton@erols.com
Message-ID: <4b9p21$vnj@zippy.cais.net>
Source record: 208356

> jhill@minn.net (John S. Hill) writes:
> I recently upgraded to an FT-1000D after my much loved and highly
> tweaked TS-930 took a lightning hit. I have been satisfied with the
> FT-1000D despite it not having the IRCI filters my 930 had but the
> noise blanker seems to not function nearly as well as I expected.
> My 930 would nearly eliminate an S-7 line noise problem, though like
> many rigs it was succeptable to overload by strong adjacent signals.
> On the other hand, the FT-1000D barely drops the line noise by half
> an S unit. It doesn't matter whether I use the wide or narrow noise
> blanker mode. Anyone else care to comment on their FT-1000D's noise
> blanker performance? Thanks in advance.
>
>
> John S. Hill, NJ0M
> Product Engineer
> Timewave Technology
> jhill@minn.net
>
>>>>
I too find the noise blanker on my FT-1000 of questionable value. I also find there is audo distortion with high signal levels. Do you have this problem? Other wise all seem very good.

73/Jim/AC4CZ

5872. Wanted: Schematic for Hallicrafters S-38B

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: Tom Blackwell <tom@spry.com>
Message-ID: <4b9lfi$7jj@lore.interserv.net>
Source record: 208357

Anyone know where I can get the schematic for a Hallicrafters S-38B
(40's-50's vintage)? I'd appreciate an email response to:
tom@spry.com

Thanks,

Tom

::::::::::::::<<<<< CompuServe Internet Division >>>>>:::::::::::::::
Tom Blackwell Email: tom@spry.com
CompuServe Consulting Group WWW: http://www.compuserve.com
Sterling Plaza 3535 128th Avenue SE Phone: (206) 957-8648
Bellevue, WA 98006 Personal FAX: (206) 957-6648
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::::::::::::::<<<<< CompuServe Internet Division >>>>>:::::::::::::::
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Bellevue, WA 98006 Personal FAX: (206) 957-6648
::::::::::::::::::::<<<<<<<<<<<<<>>>>>>>>>>>>>:::::::::::::::::::::::

5873. Re: HF amp questions/recommendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jsutton@erols.com
Message-ID: <4b9p9b$vnj@zippy.cais.net>
Source record: 208358

> sherwood@oribi.cig.mot.com (Charles A. Sherwood) writes:
>
> Hellow people,
>
> I am researching HF amps (to buy one) and I have the following questions
> and or comments pertaining to HF amps.
>
> 1) Why did Ten Tec discontinue the Titian? I asked them this question
> and they said it was in production for over 10 years, which is a long
> time for a design. This does not make sence to me because the
> 3cx800 twin tube amp is still very common. Any opinions? Maybe they were
> not selling many and therefore it was not a profitable product anymore?
>
> 2) AES told me they do not accept Ten Tec equipment for trade in.
> I asked them why and they said they were hard to get parts for.
> Does this make sense to you? It does not to me.
>
> 3) The manual for the Ameritron AL1200 says: "1/2 hour continuous carrier:
> 1500 watts (below 18Mhz)." I called Ameritron customer service and asked
> them what the spec was above 18MHz. The person on the other end seamed
> confused by the questions and thought it was worded this way because the
> US amps dont have 10M. Even he admitted this did not make sense because
> it should go up to 21...
> The manual for the AL1500 states "1/2 hour continuous carrier: 1500 watts"
> There is no 18 MHz disclaimer on the AL1500. So I assume the AL1200 will
> not run at full power above 18MHz. Does this seem correct?
>
> FYI: AL1200 uses a 3cx1200a7 tube. The AL1500 uses a 3cx1500a7.
>
> The bottom line is, what amp should I buy. Maybe a Henry......
>
> chuck sherwood N9QZT
> sherwood@cig.mot.com
> --
> Chuck Sherwood
> sherwood@cig.mot.com
>
>>>>

I haven't seen one but the specs look good for the QRO PA. It is likely make from a group that split off from Commander since the design both external and internal is very similar. If you look at $/Pound the QRO is good value. This indicates good power supply and heavy mechanical design. It also has designations on the front for all bands.

73/Jim/AC4CZ

5874. MFJ 2m and 6m radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: burch@netline.net
Message-ID: <4b9a88$isb@tesla.netline.net>
Source record: 208359

I was told that MFJ sold 2m and 6m SSB radios for relatively cheap.
Does anyone have any info on these radios or know where I can get more
info on them? I was also wondering if anyone on the net uses a dipole
for 6 meters and what kind of luck they have with it.

Burch Akin
burch@netline.net
.

5875. FT-990 MARS/CAP mod please!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: seven77@gate.net
Message-ID: <4b99a9$1shu@news.gate.net>
Source record: 208360

Greetings to one-and-all!

Does anybody have the MARS/CAP mod to unlock the FT-990?

Thanks, and Happy Holidays!

Mike KF4FDJ

5876. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <4b9cph$28re@lamar.ColoState.EDU>
Source record: 208361

D W Hemphill KC5NG (QRP%mimi@magic.itg.ti.com) wrote:
: I would be interested in hearing _exactly_ what kinds of
: problems YOU have had with YOUR Alinco rigs. I know many
: hams in the Dallas area who love their Alinco rigs, and
: few who have anything bad to say about them.
: 73,
: Dean Hemphill, KC5NG

I have a 570T, one of the later ones with the X-band repeat switch on the top.
The only problems I have are:
1. Front panel buttons don't work if it's below freezing, but this goes away
after I have the radio on for a few minutes, so I really don't consider this
a problem.
2. The 2m oscillator had a bad solder joint inside, but the radio had been
in a collision that spun my truck about 270 degrees and gave me a helluva
backache. I reheated a few connections and the problem evaporated.

My friend has a Kenwood dual band, a 731 I think. His UHF continually cuts
out like the SWR is too high, even into a 500MHz rated dummy load. We cleaned
the solder flux residue (due to poor assembly at the factory) from the UHF
out traces, which reduced but did not eliminate the problem. I was aghast at
the poor cleaning of the finished circuit boards, there was flux everywhere.

Galen, KF0YJ

5877. Re: Icom 706 @ 27.065 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: Justin Bousquet <justinb@psg.com>
Message-ID: <4b9ti9$16c@maureen.teleport.com>
Source record: 208362

An Icom rep I talked to said that "a synthesized radio can be made to go pretty much anywhere it can lock" <- minor addlib on my part but that is the idea... you should be able to find a mod somewhere. Try to goto ftp://oak.oakland.edu/pub/hamradio/mods/icom or the equivilent.

AB7NG

5878. Re: Icom 706 @ 27.065 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: discus@caverns.com
Message-ID: <discus-2012950123440001@dialup1.caverns.com>
Source record: 208363

In article <4b8a8m$5sb@newsbf02.news.aol.com>, rickcrider@aol.com (RICKCRIDER) wrote:

> As I type this the 'brown truck guy' is hopefully enroute to deliver a 706
> to my door.
> As part of my EC team efforts I have the need to monitor CB channel 9
> (27.065) here in the shack/office. Currently that need is filled by a
> scanner and a tatty, and space consuming CB that I would love to see less
> of.
> Will the 706 be able to fill that gap, or be modified to do so without
> turning it into an expensive and illegal CB radio?
> Thanks for any help.....
> Cordially:
> Rick Crider KD4FXA
> UCARS (Union County Amateur Radio Society)
> UCES (Union County Emergency Sevices)
> Monroe NC

The 706 will monitor 27.065 fine as is, if you are talking about making it into a legal CB transmitter, I don't see any way.

Larry (NU5M)

5879. Re: icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: chbrain@dircon.co.uk
Message-ID: <4b9t2f$b7a@newsgate.dircon.co.uk>
Source record: 208364

In article <4b0tsu$720@bell.ukonline.co.uk>, colin.oneill@ukonline.co.uk says:
>
>Hi - I've had my 706 for about a week now. I had to wait over a month for
>it but it was worth it. I haven't been disappointed and would recommend
>it. The only regret I have is not ordering the narrow CW filter with it
>as it really needs it and now I have to wait until January for it as they
>are in short supply. Also it doesn't come with any mounting brackets for
>mobile use so I've had to order them as well.
>Get one & enjoy!
>73 de Colin G0CGD.
>
Yes I have one too,

Are you going to contact ICOM UK for the freebies for 706 owners !

Regards Charles G4GUO

5880. Re: auto-patch/phone-patch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: fitz@svl.trw.com
Message-ID: <fitz-2012951407330001@seansmac.svl.trw.com>
Source record: 208365

In article <4b7nrp$lf3@ionews.ionet.net>, kmuse@radware.net (J. Kevin Muse) wrote:

> joe@utdallas.edu (Joe Izen) wrote:
>
> >I'm looking for a patch to interconnect line level audio (input and
> >output) and a telephone signal (full duplex). I'd prefer to use a
> >commerical product if one is available. Suggests? Thanks -Joe Izen
>

Hello,
As someone mentioned, the CSI-800 phonepatch works pretty well. If you become interested in buy one my friend AJ, KE6KHR, is selling his. If interested please
email me: ke6mow@ocsinc.sbay.org
73
Sean KE6MOW

5881. SB-102 Problem - can you help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: tcarlyle@mindspring.com
Message-ID: <tcarlyle.20.006566ED@mindspring.com>
Source record: 208366

I've had a lot of fun trying to keep my SB-102 on the air, but this time I'm stumped. Any SB-102 users out there willing to help would be very much appreciated. Problem seems simple:

Rig operates great on 80 & 40 meters; Mic/CW (Drive) control works per design. On other bands, Mic/CW control has no effect, always high, and seems to have carrier output (even in SSB modes). There seems to be some modulation on the carrier, like AM. I can imagine what could cause this... but NOT just on these bands and not 80/40!!! I've stared at the schem on the bandswitch, and sure enough, there are things going on for 20 mtr & up that aren't for 40 or 80, but they seem just to be final tuning caps and such.. nothing I can grok that would cause this. Guess its just beyond me, I'm ashamed to say. Sulk.

Anybody squared off with this before?

5882. Prices stink

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: daneke@interserv.com
Message-ID: <4ba406$c4g@lore.interserv.net>
Source record: 208367

For 70NS? get real, and get your ads off this newsgroup!

Rudy <kpedersn@roadrunner.com> writes:
>High Sales Volume = Lowest Prices!
>
>Because of high volume sales to the US Government, State
>Government, and National Laboratories, Atomic City Electronics,
>Inc. of Los Alamos, New Mexico is offering PC memory at
>outstanding prices:
>
>4 MB (1X32) $129.95
>8 MB (2X32) $249.95
>16 MB (4x32) $479.95
>
>All are new NP 70 ns 72 pin Simms.
>
>Call (505) 662-7059: Ask for Rudy.
>FAX (505) 662-6647: Attention Rudy.

5883. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.3.00153897@mail.mei.com>
Source record: 208368

In article <ahall-1912952222420001@tpa05.netline.net> ahall@netline.net writes:

>Please - take some advice - if anyone is considering purchasing
>a radio for the holidays do not buy an Alinco without some serious
>homework - Do not let the SOMEWHAT cheaper price trick you into making
>a very bad purchase - The quality of the product is very poor

Well, I guess I cannot claim to be an experienced ham, given
I've only been in the hobby about three years.

My Alinco DJ580T dual-band HT has been an excellent performer.
It's a wideband HT so yes, it does experience intermod problems
in certain areas of the city. That's to be expected with ANY wide-
band rig. I have used by DJ580T daily for almost three years now.

You mentioned Kenwood. I once bought a TH22 2-meter HT.
So much intermod I returned it to AES 2 hours after I bought it.

I also had an Azden AZ-21A 2-meter HT. It looked tough
as nails. It went back to the factory three times before they
finally got it right.

I have an Alinco DR600T dual-band mobile. It has some
software glitches when in remote control mode. However, when
in non-remote control mode, it is a flawless and solid performer.
I once ran it in cross-band repeat in a hot car with the windows up
during a 90+ degree day. It went all day without a hiccup. Solid rig.

I suspect all manufacturers turn out a lemon once in a while.
I don't believe Alinco is any worse than the others.

-- "Rest enough for the individual man - [but] too
Kevin Jessup much or too soon and we call it Death. But for
software engineer MAN, no rest and no ending. He must go on,
Marquette Electronics, Inc conquest beyond conquest...and when he has
http://www.mei.com n9sqb conquered all the depths of space and all the
kevin.jessup@mail.mei.com mysteries of time, still he will be beginning."
PGP encrypted Email preferred -- H.G. Wells, Things To Come

5884. Yaesu rotor problem

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jdy18@aol.com
Message-ID: <4ba6oh$p8e@newsbf02.news.aol.com>
Source record: 208369

I'm using a Yaesu G-800S rotor. This was purchased new in fall 1994 and put into service this past June. When the weather started to get cold, I noticed that there was a delay of up to 10-15 seconds before the rotor started to turn. I checked with Yeasu on this. Their answer was that the original grease used in the rotor tends to dry up. When this happens it gets stiff in cold weather and the rotor won't turn until the grease warms up. They suggest replacing the original grease with Lubriplate low-temp multi-purpose grease. The antenna is mounted on a tripod on the roof of the house and is not easy to get to. Also, the rotor is factory lubricated and weather-sealed. I have a feeling that disassembling it is not a job for an amatuer (no pun intended). I'm disappointed that Yaseu didn't use the low-temp grease orginally, since they say the rotor is intended for all-weather operation. I'm also wondering if anyone else has had this problem and what, if anything, they have done about it.

73 de Jay,
KD2L

5885. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jsutton@erols.com
Message-ID: <4b9olm$vnj@zippy.cais.net>
Source record: 208370

> ahall@netline.net writes:
> Please - take some advice - if anyone is considering purchasing
> a radio for the holidays do not buy an Alinco without some serious
> homework - Do not let the SOMEWHAT cheaper price trick you into making
> a very bad purchase - The quality of the product is very poor - Go to your
> local dealer and take a look at the workmanship of a ICOM vs the
> Alinco
>
> Ask some experience ELMERS about the Alinco track history
> (it has not changed in the last couple of years) - The mechanical and
> electrical design of these radios are very poor - It is worth the extra
> money for the better quality and support. A couple of years after the
> purchase you will be a much happier person.
>
> Just venting some emotions about Alinco products after a friend
> was considering a DR 600 mobile (the ad and price where nice) - I did
> convience him of NOT making the purchase and he bought a Kenwood
>
> Good Luck
> Armond Hall
> AC4NL
>
>>>>
I have an Alinco 570 that I used as mobile for several years and it is now receiving WX data on 163.350. I have never had any problem with it at all. Has performed as advertised.

73/Jim/AC4CZ

5886. Re: Fix your MFJ Mod. 986 Tuner before it breaks

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jsutton@erols.com
Message-ID: <4b9osk$vnj@zippy.cais.net>
Source record: 208371

> "Wm M. Malumphy" <aa1nl.vgernet.net> writes:
> To MFJ Buyers ,
>
> Richards suggestion on the 986 works well.......but you might ask yourself
> why you would have to modify a new piece of gear this way ? The answer....
> MFJ makes kits that are 75% assembled . Thats how they keep the prices
> down on their equipment.....by cutting labor costs . I've found that if
> you too view an MFJ product as a kit , you won't get nearly as mad as you
> might if you actually expected the piece to work the first time out of the
> box.
>
> Personally, I've been snared by the glossy marketing strategy of MFJ a
> couple of times . So don't feel to bad about being taken to the cleaners
> buying an MFJ kit. In the long run your technical ability as a ham op will
> increase amazingly and you'll be a better person for it.
>
> Best 73 to all es happy holidays de Bill AA1NL

MFJ = MIGHTY FINE JUNK!!
Jim/AC4CZ
>
>
>
>>>>

5887. SG-2000 AM filter BYPASS modification

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: zielke@fozzie.muppets
Message-ID: <ZIELKE.95Dec20140153@fozzie.muppets>
Source record: 208372

Several people have asked me how to remove the AM filter on the SG-2000 to allow AM broadcast band reception. I have sent instructions from memory but here are the instructions which I got from SGC (I just called SGC and recieved their blessing [thanks Terry] to put this on the internet as it is copyrighted material).

SGC SG-2000

To Bypass AM Filter in SG-2000

1. Remove top cover by removing 6 each 6-32 Black Phillips head screws which secure cover to the SG-2000

2. Place radio with exciter PCB up.

3. There is a long "L" shaped metal heatsink bracket located on the left side of the exciter. On this bracket is the AM Filter PCB.

4. On the AM filter board, disconnect the gray coax from RF in jack and disconnect the short coax on the AM filter into J101. Tape up short coax connector or remove AM filter board entirely.

5. Connect the long coax directly into J101.

6. Replace the top cover and secure with 6 Phillips head screws.

This concludes the bypass procedure for the AM filter. Your SG-2000 HF SSB should now receive down to 500 KHz.

If further assistance is required, please contact SGC.

SGC copyright (c) March 1995

SGC Inc. SGC Building, 13737 S.E. 26th St. Bellevue, WA. 98005 USA
P.O. Box 3526, 98009. Telex: 328834. Fax: (206)746-6384. Tel: (206)746-6310
(800)259-7331

David M. Zielke
KA4SLI
zielke@starburst.cbl.cees.edu
zielke@lcp.nrl.navy.mil

5888. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jeff@sec.sel.sony.com
Message-ID: <4b9o9m$t8t@usenet1.sjc.in.sel.sony.com>
Source record: 208373

I usually don't followup to posts but sweeping generalizations demand a response.

I've owned an Alinco ALR-22 2m mobile for about 7 or 8 years. The chassis is a cast heatsink. It is well built and just keeps working. It was bought in Japan and was DOA when I got it back here. The folks at Alinco USA were most helpful even though it wasn't a US model yet. Once fixed it has been very reliable. BTW it became DOA after the dealer in Japan moded it for the US band segments.

I own a TS-940, a IC-706, and a FT-736R so I don't think that I am prejudiced.
--
Jeff WU2A/6
reply to: jeff@sec.sel.sony.com
phone: (408) 955-4116

5889. FS: Heath HW-8

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: paul1@wizard.ucs.sfu.CA
Message-ID: <9512201950.AA01267@wizard.ucs.sfu.ca>
Source record: 208374

I am selling my hw-8. Two poles of audio filtering added and rit.
Taking offers over $150.00.

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

5890. Mail failure

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: POSTMASTER@MSPO1.MED.UTMB.EDU
Message-ID: <199512201803.KAA11515@UCSD.EDU>
Source record: 208375

FROM: Adminstrator
TO: Ham-Equip@ucsd.edu DATE: 12-20-95
TIME: 11:46
SUBJECT: Mail failure

This corrupt message cannot be delivered. Contact administrator.

Ham-Equip Digest Wed, 20 Dec 95 Volume 95 : Issue 697

Today's Topics:
80M Small Antenna recommendations
AC line Brute Force Filter question
Advice on R-7 and grounding(2nd floor shack) (2 msgs)
Alinco Radios Are Junk
ATTN: COLLINS USERS
Do DSP's really help?
FS: Kantronics KPC-9612
FS: Kenwood TS-850S/AT with 3 filters for $1,350
FS: Yaseu FT-416 2M HT
Gripe about QST Automatic Tuner Article
Help ! Manual Needed For Kenwood 520SE
HTs for HF
Info: Alinco 70 or Ft 900
Is Kenwood loosing it or what?
New Radio Shack 2 mtr mobile
Seeking 900 MHz transcivers
Suggestion on 6M commercial rig
Trouble with Yaesu FT900
TS850 slope tune with CW filter
TV sweep tubes vs. RF output tubes
WTB: DENTRON SUPER SUPER TUNER or equivilent
WTB Wide AM Filter For The Yaesu FR 101

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from ftp.UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 19 Dec 95 21:41:15 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: 80M Small Antenna recommendations

gbohner@aol.com (GBohner) wrote:
>I live on a typical 80x100 suburban lot and would like to get on 75/80
>meters. My current antenna is R7-vertical which works great but does not
>cover 80. Any recommendations? Has anyone used the GAP Titan DX?

I think there are some commercial dipoles that will fit on a 100' lot.
Alternately, you could build a dipole to fit the space and resonate it
on 80M with a loading coil in each leg. Feed it with a current balun
at the center and you're all set. :)

73,
Jack WB3U

Date: Tue, 19 Dec 95 21:50:25 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: AC line Brute Force Filter question

scicon@ix.netcom.com(Dan Walker) wrote:
>
>My transmitter is causing TVi on 40m and I'm pretty sure it's due
>to interference on the AC line (same TVI on two different antennas.)
>
>The xmtr is plugged into a Radio Shack "AC line filter".
>
>Is this the same thing as a "Brute Force Filter?"

Probably not, but the "brute force filter" may not be what you need
either. The problem with these is that if you have RF floating on
the chassis of the transmitter, the AC filter may simply pass it
through as common mode current. In addition to what Tom suggested,
I would recommend choking the AC line. You can do this by wrapping
the cord around a ferrite rod, or through a high-permeability toroid.

Incidentally, RS sells snap-apart toroids for this purpose. I
consider them a last resort because their permeability isn't all that
high and they're not large enough for more than about five or six
turns. However, if the problem is limited to 40M and it's the result
of RF on the AC line, a pair of these should cure it.

One other point - if you do have RF on the chassis of the rig and
the toroids eliminate the RFI, this is a symptom that something is
wrong with the antenna system you're using.

73,
Jack WB3U

Date: 19 Dec 1995 23:08:19 GMT
From: Peter Shintani <shintani@tv.sony.co.jp>
Subject: Advice on R-7 and grounding(2nd floor shack)

Hi:
I live in Tokyo, where it is impossible to establish a ground radial system.
I bought a Cushcraft R-7 since it supposedly does not need any radial network.
The R-7 is mounted to a mast. The bottom end of he mast is burried about
3 feet in to the ground, and the mast is fixed to the side of the house. The
antenna is a about 19 feet off the ground, the R-7's short radials
are just clearing the second story gutter. For establishing a grounding
system, I have
placed four grounding rods around the base of antenna, and all of the rods
have separate
14 gauge braid leads running up to the second floor, but they are not yet
connected to the
antenna, mast nor radio.
I would like to know how to go about grounding the radio/antenna system.
The radio
is located on the second floor. SHould the mast be grounded, and then
should a ground
wired be attached to the top of the mast near the antenna and then from there
should a ground wire run to the radio. Or, should a separate ground wire be
run
straight from the radio directly to a separate ground rod. What I am worried
about is
possibly creating a ground loop, so should the grounding arrangement be
"star" or a bus ?

Confused ?

Date: Tue, 19 Dec 95 21:56:34 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: Advice on R-7 and grounding(2nd floor shack)

Peter Shintani <shintani@tv.sony.co.jp> wrote:

>Hi:
>I live in Tokyo, where it is impossible to establish a ground radial
>system. I bought a Cushcraft R-7 since it supposedly does not need any
>radial network.

Hi Peter,

The answers to your questions depend on the purpose of the ground
system. I get the feeling from your post that this is intended to be
an RF ground, and for that, nothing you can do from a 2nd floor shack
with ground rods will really have much effect. Nor do you need an
RF ground attached to either the feedpoint or the rig with that
antenna. Use it without an RF ground and save yourself a lot of

unnecessary work.

73,
Jack WB3U

Date: Tue, 19 Dec 95 22:00:20 GMT
From: jackl@pinetree.microserve.com (WB3U)
Subject: Alinco Radios Are Junk

ahall@netline.net wrote:

>Just venting some emotions about Alinco products after a friend
>was considering a DR 600 mobile (the ad and price where nice) - I did
>convience him of NOT making the purchase and he bought a Kenwood

That might not have been the best choice, either. Has he looked to
see if it's made in China?

73,
Jack WB3U

Date: Wed, 20 Dec 1995 04:13:00 GMT
From: leo_parent@mystique.win.net (LEO PARENT)
Subject: ATTN: COLLINS USERS

I have a pair of good wrkng RK4-D-32 - one pair only -
Leo_Parent@mystique.win.net

---
* PowerAccess 1.06 A good organizer is the one who is careful to plan ahe

---

Date: 20 Dec 1995 13:16:29 GMT
From: Rick Tressler <RT0@GANET.NET>
Subject: Do DSP's really help?

I did some basic investigation into the fesibility of using a DSP with my old
FT-101E. After
talking to numerous folk regarding the effectiveness and cost comparison, I
decided to upgrade the
radio, rather than dump a lot of money into an audio filter, which is
basically what these devices
amount to. If you have a rig with a crummy IF stage, a DSP may not
necessarily fix your needs s
where a true front end filtering system will., in many cases.. Food for
thought, anyway.

Date: Wed, 20 Dec 1995 16:23:57 GMT
From: richardl@adobe.com (Richard Levenberg)
Subject: FS: Kantronics KPC-9612

FS: Kantronics KPC 9612 with box and all papers.
Soldered capacitor to DIN-9 connector with 3.5 millimeter
for mic jack and 2.5 mm for speacker jack on Kenwood
handheld no cover. Also soldered power lug to 9-volt
battery snap. Will ship whole deal or unsolder the
parts for you. Works perfectly, only 1 month since
purchase.

$180 (includes shipping in continental US)
richardl@adobe.com

Date: 20 Dec 1995 01:02:14 GMT
From: nitz@access.digex.net (James A. Nitzberg)
Subject: FS: Kenwood TS-850S/AT with 3 filters for $1,350

In article <4b74gg$1h8@mksrv1.dseg.ti.com>, QRP%mimi@magic.itg.ti.com
says...
>
>FOR SALE: Kenwood TS-850S/AT, has factory installed
{...}

Dean:

May I assume from this posting that your 870 is on its way????

[Jim Nitzberg, WX3B]

Date: Tue, 19 Dec 95 20:20:07 GMT
From: kc5afm@fais.net (J.W. Wolfington)
Subject: FS: Yaseu FT-416 2M HT

I have a 2 meter Yaseu FT-416 2 meter hand held for sale. Asking $200 or
best
offer before Christmas.

e-mail kc5afm@fais.net
J.W. Wolfington

Date: 19 Dec 1995 18:54:00 GMT
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Subject: Gripe about QST Automatic Tuner Article

"Thomas C. J. Sefranek" <sefranek@iii.net> wrote:
>Jim
> You are singularly uninformed!
>

>There was a HUGE response to the previous Keyer article!
>

I am not at all surprised that there was a response. I presume that it was mostly
negative. Why am I not surprised? These mostly negative comments should be considered with the same sensitively as the news of a preacher caught "in flagrante
delecto" - with mild amusement of such hypocracy. The outrage spewed out from those
who object to such articles is quite evident. Yet, we never see any improvements by
these same sentinels of the traditions of hamdom. Indeed, the only improvements
that I have ever seen are from the originating authors themselves, the W9GR DSP
filter is a singular example.

>Search the archives!
>

Good Lord, I would rather not - I wouldn't want to ruin my Christmas holidays. Such
puffery is not in keeping with the spirit of the season.

>(I was part of the net noise then too!)
>

I trust you were forceful in your views.

>Tom
>WA1RHP
>
>

73 and live better digitally
Jim, VE3XJ

Date: Tue, 19 Dec 95 02:31:23 GMT
From: <Your.login.id@ihnp4.ucsd.edu>@deepcove.com (<Your Firstname and Lastname>)
Subject: Help ! Manual Needed For Kenwood 520SE

Help! My father who is retired and a Ham operator, had the matching speaker and microphone for the Kenwood
520SE stolen along with the manual which was stored in the same box.

Any assistance on how to obtain a manual for the 520SE would be much appreciated.

Thanks

Frank ex VE7CYU, VE7CYX

Date: Tue, 19 Dec 1995 07:48:49 GMT
From: dorsey@lila.com (Bill Dorsey)
Subject: HTs for HF

I'm in the market for a compact (handheld would be ideal) SSB/CW HF
radio and was wondering if anyone has any experience with the "Pico
SSB/CW Tranceivers" sold by jCom. They are single-band SSB/CW QRP (2
watts) tranceivers in a full-size handheld package. I came across and
ad for these radios in an old issue of _73 Amateur Radio Today_ (1993)
but have been unable to contact jCom and fear they may have gone out of
business. I believe the radios are manufactured by a Japanese company
and hope that someone may be able to refer me to another source.
Alternatively, if anyone would like to recommend something similar,
I'd be interested in hearing it.

73s,

--
Bill Dorsey "Nothing that results from human progress is achieved
dorsey@lila.com with unamimous consent. And those who are enlightened
PGP 2.X pubkey before the others are condemned to pursue that light
available in spite of the others." -- Christopher Columbus

Date: 19 Dec 1995 09:07:17 GMT
From: joentam@transend.com.tw (Joe BV/N0IAT)
Subject: Info: Alinco 70 or Ft 900

In article <jkauffmnDJtCuC.E5n@netcom.com>, jkauffmn@netcom.com says...
>
>Mike, KN6IS (mike_cash@mlngw.chinalake.navy.mil) wrote:
>: Anyone have experience with these. I am looking to buy a small hf rig.
>: Thanks.
>
>: --
>: Mike, KN6IS

Hi Mike,

I'm using the Alinco DX-70 as a travel rig. I've been all over the place
with it and am very pleased so far. I dont use it mobile....I use it as
a suitcase 100 watt HF rig while traveling around SE Asia. Works fine, great
audio. Have a FT-890 too, but that rig is too heavy to lug around. Guess
it depends on your usage. In the mobile, the 890 is nice since it has the
built in keyer and ATU. Then again, the DX-70 is about 1/3 the weight but
omits the internal ATU and CW keyer.

73, Joe BV/N0IAT

Date: Mon, 18 Dec 1995 19:01:52 -0600
From: nomer@southwind.net (steve nomer)
Subject: Is Kenwood loosing it or what?

I have one of those Kenwood 440s that has had frequency stability problems. I had the infamous VCO 5 fix made to the radio to get rid of the "glue" around the VCO that becomes conductive with age. The radio worked for about six months, then began to put out bad-sounding signals on first the higher-frequency bands, then spreading to all of them. The problem: once again, frequency instability. So far, I've been unable to find someone who can locate the problem. I've become weary of throwing money at this rig, and recently purchased a Yaesu FT-990 and am very pleased with its performance against any of Kenwood's rigs, especially in its receiver.

The only way Kenwood could ever get me back as a customer would be if they would recall the 440 and make needed repairs at their expense. As widespread as this type of problem with the 440s has been, I think this would be only reasonable to expect.

Steve
e-mail: nomer@southwind.net
Ham call: KB0FHS

--

Date: 20 Dec 1995 13:10:09 GMT
From: Rick Tressler <RT0@GANET.NET>
Subject: New Radio Shack 2 mtr mobile

I know Dayton 96 seems like a long time from now, but if you can wait, it may be worth it. Radio Shack usually has some great prices on their 2/440 stuff at the Hamvention. Who knows, by then, they may have new models of 2 meter and 440 gear out whivh will drive the price of the older models down even further. You may also want to look into Sttandard or Alinco rigs. They're not generally as pricy as some of the other radios.

Date: 20 Dec 95 08:46:37 GMT
From: dg5ffa@bbs.ve3rpi.ampr.ORG
Subject: Seeking 900 MHz transcivers

Message-Id: 961_bbs
From: dg5ffa@ve3rpi.#scon.on.can.noam
To: ham-equip@ucsd.edu

Hello and thank you for reading this Mail !
I'm seeking a pair of 900 MHz Radios
Does someone is selling one ?

\\\///
(OO) Scall: 01681-1496256
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Date: Tue, 19 Dec 1995 09:45:17 GMT
From: john@wd1v.mv.com (John Seney)
Subject: Suggestion on 6M commercial rig

In article <30D5F122.7E57@racalrecord.com>, Gary Mitchelson
<garym@racalrecord.com> wrote:

> Does anyone have any experience or suggestions on a what is a good
> commercial rig to put on 6M?
>
> Requirements are:
> Synthesized but easy to program (no special unobtainable software)
> Enough channels (100+) to cover most repeater/simplex possibilities
> Trunk Mount
> 60+ watts
> PL
> Less than $300 used but in good shape
>
> Any suggestions on models I should look for?
>
> N3JPU

Consider spending a lot more and getting a lot more...get an ICOM
706.

73,

FYI: The latest version of Digital Scope.FAQ <304> is on my WWW Home Page.
(All opinions are my own, including Digital Storage Scope.FAQ)

Best Holiday Wishes!

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr. |_| |_| www http://www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
LeCroy Sales Engineer | | | | | 800-553-2769

(H) 603-668-1096 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

Date: 20 Dec 95 15:00:06 GMT
From: aust@gandalf.sp.TRw.COM (Mike Aust)
Subject: Trouble with Yaesu FT900

Date: 20 Dec 1995 05:55:57 GMT
From: joentam@transend.com.tw (Joe BV/N0IAT)
Subject: Trouble with Yaesu FT900

In article <4b3385$878@hitel.kol.net>, hl1dk@hitel.kol.net says...
>
>Keywords: Yaesu FT900
>
> My Yaesu FT900AT goes off "automatically" in 5 seconds(sometimes 10
>minuites or so) after I swich it on. Not always, but sometimes. And when
>I switch it on again, it works perfectly. I only experienced just once it
>happend twice in row.
> I asked it to the Yaesu people in Tokyo, but they don't have such
>report so far. Anybody who has same problem? HL1DK/Lee

Several months ago, there were similar reports on this newsgroup
that the FT-900 had a CPU problem that caused the rig to shut
off mysteriously after a few minutes of operation. I dont recall
the specifics, but a firmware upgrade was required to fix the
problem.

I recall the 900 in question was being used as a repeater remote base,
and the periodic shutdown was very troublesome for the owner since he
was forced to return to the repeater site to cycle the rig off/on again.

Perhaps someone can offer more specifics that I.

Best regards and seasons greetings,

Joe BV/N0IAT

Taipei TAIWAN

ex 7J1AOF ex KA0ZDH ex YU3/N0IAT
Licensed Radio Amateur since 1986

The USA station that Joe referred to is NI6R in Brea,California. USA, he
took his FT-900 down to Yaesu USA, according to him, they shipped his radio
japan to fix it.
He has a company that builds HF remote control cumputer interfaces
for HF radio's.
That's how I learned of it, and I contacted the Technical Representive
named (Chip) at Yaesu USA in Cerritos, California.USA and he said bring it
in, we will upgrade to version 3, under warranty, for free , since then,
no problems, great RIG.
73
Mike

WB6DJI

Also, my brother hasa FT-900, WB6ZUF, had the same problem , he took his in, had the firmware upgrade, had it replaced at the Yaesu USA headquarters in Cerritos, California. USA.
The people in Japan may not be aware, since Yaesu USA took the lead here, to fix the problem, by upgrading the radio's in the USA, and Japan just upgraded the CPU firware, with thinking that the Main Field Offices like Yaesu USA, Yaesu Europe would do the CPU firmware changes in their facilities.
I believe there is a communications problem there on you end, I suggest you have Yaesu Japan contact Yaesu USA.
Now, its a great rig!
Yaesu Corporation USA did not want to get a bad image here, so they really went out of their way to keep their customers happy.

73
Mike

upgrade y

Date: 19 Dec 1995 19:24:08 -0500
From: jchol@aol.com (JCHol)
Subject: TS850 slope tune with CW filter

This is normal behavior. Not to worry. I agree that both filters are very effective working together, but either filter alone is a big improvement over slope tune alone. I use the filters and ignore the slope tune in the digital modes. Slope tune ssb is good.

Date: 19 Dec 1995 18:47:25 GMT
From: Tom Pfaffenbach <tvpfaffe@mail.delcoelect.com>
Subject: TV sweep tubes vs. RF output tubes

One of the finest "Sweep" tubes for ssb amplification is the 6HF5. Hallicrafters and Swan both
put this tube to good use in the late 1960's. Hallicrafters used a single 6HF5 in the HT-46 and
achieved an honest, linear, 175w PEP output. Operating conditions used a d.c. negative grid
bias set for 40ma @ 725 volts on the plate idling and 210 v on the screen.

Swan used a pair of 6HF5's in the 500C and achieved an honest, linear 350w PEP output with a dc
bias at idle of only 20 ma for each tube (40 ma total) at 900 plate volts and 250 screen volts.

The 6HF5 has multiple r.f. grounding connections for the screen and cathode, which allow stable
design at very high gain levels. These tubes make use of the fact that the average powerlevel

in the human voice is 10 or more db below the peaks. Their high perveance design means that
they do not work very hard at all in amateur SSB application, and will last almost
indefinitely, if they are not destroyed by careless tuning. On a voice peak they may have an
instantaneous plate current of 250 ma per tube. That amounts to an input of 10X the plate
dissipation,

Historic application of 807 and 6146 vacuum tubes in amateur equipment usually set dc input
power at 3X the plate dissipation level, but this was based on approximately 70% class C
efficiency, not the linear AB modes or the 10-20 db variation between peak and average drive
levels.

73 de K9JDU

Date: 20 Dec 1995 11:01:39 -0500
From: mc@shore.net (Michael Crestohl)
Subject: WTB: DENTRON SUPER SUPER TUNER or equivilent

I am posting this for Bill Miller, KQ4UN (803) 538-8962

He is looking for an antenna tuner that will cover 160 m and will tune
a balanced feedline (like open-wire line). Please call him at the
number above. Do not reply to me. I am just posting it for Bill and
he has no access to this group or e-mail.

73,

Michael Crestohl, KH6KD/W1

Date: 19 Dec 1995 11:51:22 GMT
From: Jimmy Hall <kj5qn@ipa.net>
Subject: WTB Wide AM Filter For The Yaesu FR 101

Hello All,

I have a friend with the FR101 Yaesu receiver that really needs

a wide AM filter. I think it is 6 KHZ but not sure. If you have

one or one of the Fox Tango filters, pse email.

Tnx Jimmy

End of Ham-Equip Digest V95 #697
****

5891. Re: auto-patch/phone-patch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: Justin Bousquet <justinb@psg.com>
Message-ID: <4b9sh5$jh@maureen.teleport.com>
Source record: 208376

kmuse@radware.net (J. Kevin Muse) wrote:
>joe@utdallas.edu (Joe Izen) wrote:
>
>>I'm looking for a patch to interconnect line level audio (input and
>>output) and a telephone signal (full duplex). I'd prefer to use a
>>commerical product if one is available. Suggests? Thanks -Joe Izen
>
>If I am reading you correctly, the Connect Systems CS-800 will work
>for what you want. I have one but use it as a repeater controller and
>phone patch. (simplex)

The repeater system we have here is running a RLC2 with phone patch. We are running three repeaters, all on different bands. We have great success on using duplex autopatch via RX on one band and TX on another band. In theory we could have a duplex system if we took one of the repeaters off and put in another repeater and the same band just separate the antennas or get a combiner??? But none the less, duplex autopatch is capable via amateur radio, I use it all the time.

If I am not mistaken, I think HRO has a section of their catalog that deals with patches...I THINK there is a few duplex patches for sale in there...or give them a call.

73's
Justin
AB7NG

Justin Bousquet - AB7NG - Portland, Oregon - 147.36+ 224.92- 449.00-
justinb@psg.com - PageNet of Oregon - Inventory Control Clerk

5892. Murch UT-2000A, "ultimate transmatch" questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <7558.819500179@safety.ics.uci.edu>
Source record: 208377
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

Anyone familiar with these? I just picked one up at a very good price
and it looks pretty good on the inside. It covers 80-10 I am told,
and the roller inductor looks right for the job.

Did the UT-2000B cover 160? If so, did they switch in extra inductance
or add a longer roller inductor? I would like to add 160 to my UT-2000A
and suspect it is a simple job with a sturdy switch. Or maybe I can
find the UT-2000B for my 160 antenna :-) .

Also, I think I recall someone on the antenna group stating that the
"ultimate transmatch" design had one of the capacitors doing something
silly.... There is a two ganged capacitor that is doing something
useless? Just wonder if anyone remembers the comments or has a reference
to it.

Thanks.

Clark
WA3JPG

5893. Re: Need Santec Walkie Documentation

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4ba4uk$rdd@oskgw.osk.sony.co.jp>
Source record: 208378

Hi
Santec was the marketing name for the radio in the USA. in
Europe(UK) and Japan there was sold as Belcom's. Perhaps
you could also look for Belcom information.
PS

5894. Re: Mod for Kenwood TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: "Jeff Fischer"@thefishnet.com
Message-ID: <8B7453F.007400110F.uuout@thefishnet.com>
Source record: 208379
Cross-posted to: 01rec.radio.amateur.equipment,rec.radio.amateur.equipment

-> I recently (2 weeks ago) got a new Kenwood TM-742A from AES. After
-> deciding to mod it using the mods found on oak.oakland.edu, I opened
-> up the radio, found the resistors you have to move, and, after
-> verifing what I saw was correct, realised the mod was already
-> complete. It came from the factory in (according to the mod on
-> oak.oakland.edu) is moded. However, I don't get the results of the
-> mod in the frequency range(or the 800 Mhz band)
->
-> Does anyone have corrections for it?
-> Does anyone have any more mods for it?
-> Does anyone know where the Mars/CAP wire is? I looked behind the
-> front cover where I was told I'd find it but it isn't there.
-> And
-> guess what - I didn't have the Mars/CAP capibilities either.

And the bad news is you probably won't be able to get it either, since
it was probably made after a certain date, and all companies such as
Icom, Kenwood etc complied with the law and made them so they couldn't
be modable like the earlier version were. I found that the hard way too,
and used the radio as it was advertised.

5895. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8195012265702@lss.humnet.humberc.on.ca>
Source record: 208380

re: comments from the author of the tuner article...

>
> =I regret that the article had this negative effect on some people but
> =this microprocessor was the only alternative we saw to produce this
> =compact device. That being decided, we needed a development system to
> =program the chip. How many readers of QST have that.
> =Should we have used the article with the code included to advertise a
> =development system for $59.95, listen to them then, that would be
> =advertising. If this type of development system was commonly available,
> =and the code was provided, and somebody thought they could improve upon
> =it, and they had a small bug, what then. Assembly language can not be
> =tought over the phone, in email, or even in college I think. The 68hc11
> =is not hard to program but unless one is fluent in the ins and outs of
> =assembly language in general, this is a giant bag of worms. Both Dwayne
> =and myself do not want to be short with people, we don't want to ignore
> =peoples problems and we would love to be helpful, but imagine only 10
> =people attempting the ultimate, improving the code, imagine the phone
> =calls, imagine the anger when we couldn't or wouldn't help, that is a
> =road we did not want to travel.
>

I believe the author might be surprised to discover how many hams are
microcontoller literate. Furthermore, offering the flowchart can be
helpful but why was the firmware not offered to those who are interested
? I can only assume that he is witholding it for the reason of personal
gain...to sell pre-programmed micros to interested builders.
And his comment about the flowchart getting snubbed by QST (space
constraints ?), the ARRL has several means of offering the firmware
electronically...by BBS, FTP site of WWW.
Why did he not request to have it posted there ?

Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

5896. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: mike behrent <mbehrent@tpo.org>
Message-ID: <4b9vr2$41e@ray.atw.fullfeed.com>
Source record: 208381

I own a Alinco 590 and have had no trouble with it in all the time
I've had it. It's a good reliable rig and has no problem with intermod
at all hooked up to my Ringo antenna where my Kenwood TH77A picks up
noise from the local mill's paging system with it's duckie antenna.
As with anything, there's lemons that show up now and then but my
Alinco has yet to have any trouble.
73 de N9NCR
Mike Behrent

5897. Re: Ten Tec Centurion Amp Comments

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: sassano@pcnet.com
Message-ID: <sassano-1912952312470001@ts2-pt11.pcnet.com>
Source record: 208382

John:

You may want to consider looking at the Ten-Tec Hercules II - solid state (500watts) and quiet as silk..I have been using one fopr about 2 years now and love it...RARELY do I miss out on a pile up! AND it's only ONE S-Unit less that the tube amps.

-73-

Felix

--
"primum non nocere"

5898. WTB FRG9600 Display and (TH21AT Xtal and TT-pad)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: "Michael G. Reiney/Myra Colter" <mreiney@hevanet.com>
Message-ID: <4ba02h$9ib@vista.hevanet.com>
Source record: 208514
Cross-posted to: rec.radio.amateur.swap,rec.radio.amateur.equipment,pnw.forsale

I meed some parts for busted radios.

Display for Yaesu FRG9600. It's a big vacuum fluorescent on the front panel board. Consider the whole board to reduce chance of damage to display.

Recieve Crystal for Kenwood TH-21AT. It's X2 on the schematic. Unfortunately, Kenwood sought not to put the frequency on the schematic. The frequency of oscillation is not what's marked on the xtal, and neither are the frequency it needs to be to make the radio work. I bought it used, so don't know if it's the stock xtal. Receive freq is about 10KHz off. If someone has a service manual, I'd appreciate knowing the correct frequency and part number for the crystal.

Has anyone found a way to repair the "lip" that holds the bottom of the battery on. Every TH-XXAT I've ever seen has a cracked lip. I'm considering making a small brass part that either stuffs down between the metal radio enclosure and the plastic outer case or solders to the top shield. Any ideas?

As I recall, the replacement case comes with a touchtone pad. So there ought to be a bunch of old touchtone pads out there in junk boxes. I'd like to try to modify one to make an encoder for a Standard C508A. Anybody willing to part with one?

thanks,
miker

5899. HELP! Where is K7JF??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jkaplan@seikotsi.com
Message-ID: <4b7lfv$8qn@news1.seikotsi.com>
Source record: 208515
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.amateur.swap

I'm looking for my friend, Jeff Freedman, K7JF. Last known QTH was
Lakewood (Tacoma), WA Any info appreciated, phone, e-mail or packet
address. Of course, you may give him my info if you like.

Tnx - KG7FU

"YOU kill what YOU fear and YOU fear what YOU don't understand"

jkaplan@seikotsi.com
kg7fu@aol.com
kg7fu@kb7ogd.or.usa.noam

5900. Re: RADIO STATION DATABASE.ZIP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: Ron Dyer <ron_dyer%14@hp2000.desk.hp.com>
Message-ID: <4b8v4m$ii7@hpscit.sc.hp.com>
Source record: 208516
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

charles bolland <chuck@flinet.com> wrote:
>Friends,
>
>For those of you that have already received the Radio Station Database Demo, I may have typed
>a line of the unzip instructions incorrectly. The correct unziping instructions should read:
>
>PKUNZIP.EXE DATABASE.ZIP C:\DEMO2
>
>If you haven't received the demo database for radio stations yet, send me your E-Mail address
>and I will send it to you via E-Mail

Please send copy to Ron_Dyer@hp2000.desk.hp.com

5901. FS: Kantronics KPC-9612

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: richardl@adobe.com
Message-ID: <4b9d82$4gm@enquirer.mv.us.adobe.com>
Source record: 208517
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

FS: Kantronics KPC 9612 with box and all papers.
Soldered capacitor to DIN-9 connector with 3.5 millimeter
for mic jack and 2.5 mm for speacker jack on Kenwood
handheld no cover. Also soldered power lug to 9-volt
battery snap. Will ship whole deal or unsolder the
parts for you. Works perfectly, only 1 month since
purchase.

$180 (includes shipping in continental US)
richardl@adobe.com

5902. EDDYSTONE REPAIRS--WHO DOES ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4b8u20$ajc@newsbf02.news.aol.com>
Source record: 208518

Have an 1837-1S solid state unit which needs work; anybody on East Coast US? If not, will Eddystone UK still fix them?

5903. Re: auto-patch/phone-patch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: kmuse@radware.net
Message-ID: <4b7nrp$lf3@ionews.ionet.net>
Source record: 208519

joe@utdallas.edu (Joe Izen) wrote:

>I'm looking for a patch to interconnect line level audio (input and
>output) and a telephone signal (full duplex). I'd prefer to use a
>commerical product if one is available. Suggests? Thanks -Joe Izen

If I am reading you correctly, the Connect Systems CS-800 will work
for what you want. I have one but use it as a repeater controller and
phone patch. (simplex)

5904. Re: Mod for Kenwood TM-742A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: bobw@col.hp.com
Message-ID: <4b7uk9$5lr@nonews.col.hp.com>
Source record: 208520

Eugene Kusznir (kusznir@owens.ridgecrest.ca.us) wrote:
: I recently (2 weeks ago) got a new Kenwood TM-742A from AES. After
: deciding to mod it using the mods found on oak.oakland.edu, I opened up
: the radio, found the resistors you have to move, and, after verifing
: what I saw was correct, realised the mod was already complete. It came
: from the factory in (according to the mod on oak.oakland.edu) is moded.
: However, I don't get the results of the mod in the frequency range(or
: the 800 Mhz band)

: Does anyone have corrections for it?
: Does anyone have any more mods for it?
: Does anyone know where the Mars/CAP wire is? I looked behind the front
: cover where I was told I'd find it but it isn't there. And
: guess what - I didn't have the Mars/CAP capibilities either.

: Thanks in advance
: --
: Jim Kusznir
: Internet: kusznir@owens.ridgecrest.ca.us
: Packet: ke6dwm@wa6ybn.#soca.ca.usa.noam

The following might work (or it might not)...
Your mileage may vary, all disclaimers apply.

>Newsgroups: rec.radio.amateur.equipment
>From: garym@alsys.com (Gary Morris @ignite)
>Subject: TM-742A/942A extended transmit mod
>Message-ID: <CHsIDA.8E7@alsys.com>
>Keywords: mod, 742A, 942A, Kenwood
>Organization: Alsys Group, San Diego, CA, USA
>Date: Thu, 9 Dec 1993 22:55:53 GMT
>Lines: 61

TM-742/942 Extended TX/RX Modification
ASI-0002, Feb. 23, 1993

This is a summary of the modification provided by Kenwood to expand the
transmit/receive ranges for the TM-742/942 tri-band radio. The sheet is
ASI-0002, subject "TM-742/942 Beyond Mars/CAP Mod. Guide" and date
"February 23, 1993". The actual ranges of what the radio will transmit
are wider than what is stated in the table below.

Note: this mod involves desoldering and resoldering chip resistors, if
you are not an expert in soldering chip components, get an expert to do
this for you.

1. Remove the front panel.
2. Remove the bottom cover from the radio.
3. Looking at the exposed bottom of the radio, orient it so it matches
the diagram below.
4. Move the three chip resistors as shown in the diagram. The numbers
"1" thru "8" represent the positions of the 8 chip resistors in the
original positions from the factory for U.S. radios. The "x" is an
empty pair of pads where the numbered "4,7,8" resistors should move to.
5. Reassemble the radio and reset the microprocessor (see manual).
6. Frequency ranges will be:

28 Mhz band: RX: 18.0 - 54.0
TX: 26.0 - 45.0

50 Mhz band: RX: 40.0 - 90.0
TX: 46.0 - 76.0

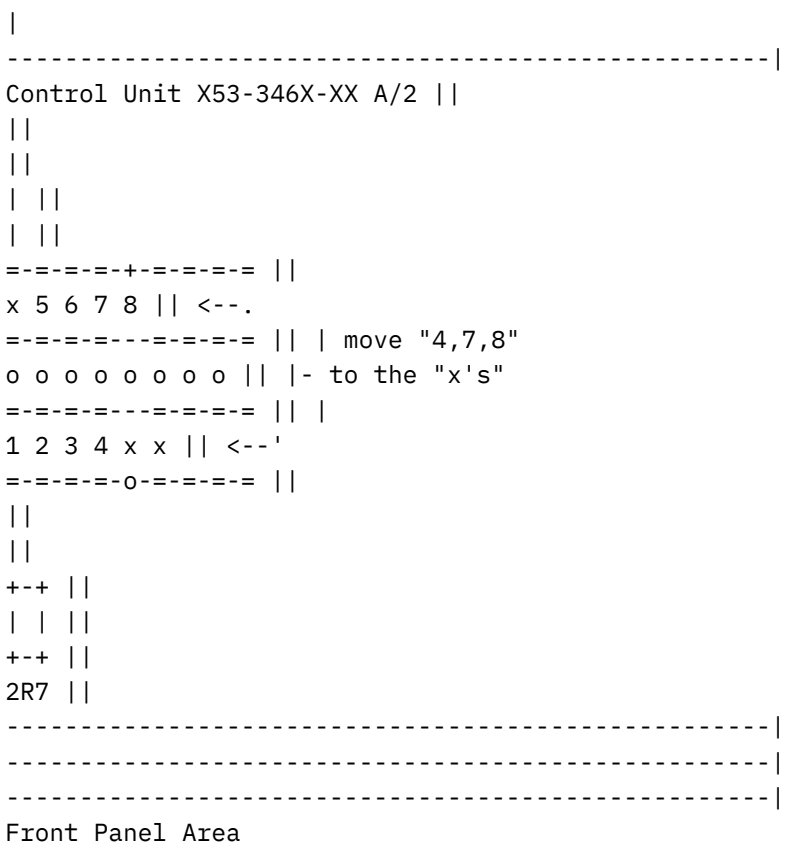
144 Mhz band: TX: 136.0 - 174.0

220 Mhz band: RX: 215.0 - 260.0
TX: 215.0 - 235.0

440 Mhz band: TX: 420.0 - 450.0

1.2 Ghz band: RX/TX: 1100 - 1400

Notes: not all radios will be able to tune the entire range.



END

5905. Re: HF amp questions/recommendations

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: wrt@eskimo.com
Message-ID: <DJvA19.Ms5@eskimo.com>
Source record: 208521

In article <sherwood.819314344@oribi>,
sherwood@oribi.cig.mot.com (Charles A. Sherwood) wrote:
>
>Hellow people,
>
>I am researching HF amps (to buy one) and I have the following questions
>and or comments pertaining to HF amps.
-snip-
>3) The manual for the Ameritron AL1200 says: "1/2 hour continuous carrier:
>1500 watts (below 18Mhz)." I called Ameritron customer service and asked
>them what the spec was above 18MHz. The person on the other end seamed
>confused by the questions and thought it was worded this way because the
>US amps dont have 10M. Even he admitted this did not make sense because
>it should go up to 21...
>The manual for the AL1500 states "1/2 hour continuous carrier: 1500 watts"
>There is no 18 MHz disclaimer on the AL1500. So I assume the AL1200 will
>not run at full power above 18MHz. Does this seem correct?
>
>FYI: AL1200 uses a 3cx1200a7 tube. The AL1500 uses a 3cx1500a7.
>
>The bottom line is, what amp should I buy. Maybe a Henry......
>
>chuck sherwood N9QZT
>sherwood@cig.mot.com

I can't imagine why you'd want to run 1/2 hour continuous carrier, but maybe you do... In any event, I have an AL-1200 and run it almost exclusively on RTTY with it's 100% duty cycle. No matter how long-winded I get, on what band, it just chugs along, nice and easy. Granted, I haven't used it a lot on 10 due to the sunspot cycle, but I have used it a lot on 15 and it seems just as happy there as on any other band. RTTY is tough on an amplifier and the AL-1200 handles it with ease.

There was one thing I didn't like about it's design though. The step start circuit didn't seem to be very effective in giving a nice slow inrush current. The actual delay was only a few milliseconds, and the arc at the relay contacts was way too much in my opinion. The flash lit up the whole back of the amplifier! I removed the factory circuit and installed a time-delay relay with a larger value inrush resistor, and now it is much better behaved. Or at least I feel better turning it on. Granted, it's a nuisance to have to fix what the factory should have (again, in my opinion), but I'm still many $$$ ahead of having to buy an Alpha or something. And the signal is the same.

One BIG advantage to the 3CX1200A7 for me is the instant warm up feature. By comparison, the 3CX1500 needs THREE MINUTES to warm up -- an eternity when the

DX is calling! With the '1200, it's ready to go in less than five seconds. Just about like a 3-500Z, in fact. This means I can leave it off while I'm just tuning around. With a -1500 I'd want to leave it on all the time just in case.

The AL-1200 is a great amp -- I highly recommend it.

73, Bill W7LZP
wrt@eskimo.com

5906. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDJv431.BH8@netcom.com>
Source record: 208522

In article <FAUNT.95Dec19170908@netcom10.netcom.com> faunt@netcom10.netcom.com (Doug Faunt N6TQS +1-510-655-8604) writes:
>
>I'd also like to see general source code availablility, since I have
>been known to make modifications both in the hardware and software of
>various projects. In a lot of cases, the code is as necessary to the
>project as the schematic, and more so than the PC board layout.

Count me in as one that was offended by the publication of such an article without source code. There is little to be learned by such a design unless the code and algorithms are published. Otherwise you have a pile of coils and relays and that's been well known for many decades. I suppose such an article is slightly better than none at all, but I did think this was _AMATEUR_ radio, with learning & teaching a priority. A secondary concern is the inability to repair a failed unit except by dependency on the author's enterprise.

The chip version in use has 512 bytes of EEPROM as it's entire machine code store. For the 6811 this should amount to maybe 350-400 source instructions, or less if there are data tables involved. The function could not be that complex, and perhaps someone could write their own code for the hardware and publish it. Putting object code into a blank 68HC11 is quite easy and can be done with a PC+serial port, and a bit of software. No weird "programming voltages" or other circuitry are required. Maybe publish the replacement code in a subsequent magazine article.

I seem to recall that all but the earliest versions of the chip have a flag that can be set after the programming process that renders the EEPROM unreadable when the chip is rebooted in it's "boot load" mode. I don't have my 6811 manuals handy to verify this.

Oh well, welcome to the 1970's.

73 Dave WB0GAZ dgf@netcom.com

5907. Icom 706 @ 27.065 Mhz?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: rickcrider@aol.com
Message-ID: <4b8a8m$5sb@newsbf02.news.aol.com>
Source record: 208523

As I type this the 'brown truck guy' is hopefully enroute to deliver a 706 to my door.
As part of my EC team efforts I have the need to monitor CB channel 9 (27.065) here in the shack/office. Currently that need is filled by a scanner and a tatty, and space consuming CB that I would love to see less of.
Will the 706 be able to fill that gap, or be modified to do so without turning it into an expensive and illegal CB radio?
Thanks for any help.....
Cordially:
Rick Crider KD4FXA
UCARS (Union County Amateur Radio Society)
UCES (Union County Emergency Sevices)
Monroe NC

5908. Source for some 2SK125's?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4b879v$5k8@usenet.pa.dec.com>
Source record: 208524

I need to repair the preamp in an ICOM IC-730 and the devices they use are 2SK125. The cross reference I came up with says that it was an OEM device and no cross exists. Any idea where I could find some of these devices or if there is really a reasonable cross readily available?

73,
Todd
N9MWB

5909. Re: Trouble with Yaesu FT900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: joentam@transend.com.tw
Message-ID: <4b88hd$cdg@keelung.transend.com.tw>
Source record: 208525

In article <4b3385$878@hitel.kol.net>, hl1dk@hitel.kol.net says...
>
>Keywords: Yaesu FT900
>
> My Yaesu FT900AT goes off "automatically" in 5 seconds(sometimes 10
>minuites or so) after I swich it on. Not always, but sometimes. And when
>I switch it on again, it works perfectly. I only experienced just once it
>happend twice in row.
> I asked it to the Yaesu people in Tokyo, but they don't have such
>report so far. Anybody who has same problem? HL1DK/Lee

Several months ago, there were similar reports on this newsgroup
that the FT-900 had a CPU problem that caused the rig to shut
off mysteriously after a few minutes of operation. I dont recall
the specifics, but a firmware upgrade was required to fix the
problem.

I recall the 900 in question was being used as a repeater remote base,
and the periodic shutdown was very troublesome for the owner since he
was forced to return to the repeater site to cycle the rig off/on again.

Perhaps someone can offer more specifics that I.

Best regards and seasons greetings,

Joe BV/N0IAT

Taipei TAIWAN

ex 7J1AOF ex KA0ZDH ex YU3/N0IAT
Licensed Radio Amateur since 1986

5910. Seeking 900 MHz transcivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: dg5ffa@bbs.ve3rpi.ampr.ORG
Message-ID: <961@bbs.ve3rpi.ampr.org>
Source record: 208526

Message-Id: 961_bbs
From: dg5ffa@ve3rpi.#scon.on.can.noam
To: ham-equip@ucsd.edu

Hello and thank you for reading this Mail !
I'm seeking a pair of 900 MHz Radios
Does someone is selling one ?

\\\//
(OO) Scall: 01681-1496256

DG5FFA,STEF@N Loc: JO40JT
E-mail: dg5ffa@port.ve3mch.ampr.org
AX.25 : dg5ffa@db0bid.#hes.deu.eu

5911. Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: ahall@netline.net
Message-ID: <ahall-1912952222420001@tpa05.netline.net>
Source record: 208527

Please - take some advice - if anyone is considering purchasing
a radio for the holidays do not buy an Alinco without some serious
homework - Do not let the SOMEWHAT cheaper price trick you into making
a very bad purchase - The quality of the product is very poor - Go to your
local dealer and take a look at the workmanship of a ICOM vs the
Alinco

Ask some experience ELMERS about the Alinco track history
(it has not changed in the last couple of years) - The mechanical and
electrical design of these radios are very poor - It is worth the extra
money for the better quality and support. A couple of years after the
purchase you will be a much happier person.

Just venting some emotions about Alinco products after a friend
was considering a DR 600 mobile (the ad and price where nice) - I did
convience him of NOT making the purchase and he bought a Kenwood

Good Luck
Armond Hall
AC4NL

5912. Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: thor@dodo.crown.net
Message-ID: <4b7po4$6h2@kiwi.crown.net>
Source record: 208528
Cross-posted to: rec.radio.shortwave,alt.radio.pirate,rec.radio.amateur.equipment

Has anyone tried any of the DSP audio filters?
Which one(Radio Shack, JPS, MJF, others)?

I am mainly interested in voice (AM, SSB) notch filtering and noise reduction. I would be using the filter with a Drake R8A in the pursuit of "Free Radio Stations".

Thanks in advance.

Lincoln Thormahlen
thor@dodo.crown.net

5913. Re: TRAC KEYER - HELP !!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819462986.1774@pinetree.microserve.com>
Source record: 208529

fitr%mimi@magic.itg.ti.com (Joe BV/N0IAT) wrote:

>I am NOT able to get the keyer to key my modern, solid
>state HF rig.

This keyer may have been made to key a negative line, like those used in older grid-block transmitters. Unless you can obtain service literature that shows an easy conversion, my own solution would be to use a reed relay to key the rig. They're available from Radio Shack in both 5V and 12V versions, and you may even be able to fit it right inside the keyer. FWIW, I've been building and using strictly homebrew keyers for almost 30 years. Every one of them has used a relay and it's the one part that's never failed. :)

73,
Jack WB3U

5914. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: WALLY@ukcc.uky.edu
Message-ID: <1747A4DS86.WALLY@ukcc.uky.edu>
Source record: 208530

In article <ahall-1912952222420001@tpa05.netline.net>
ahall@netline.net writes:

>Please - take some advice - if anyone is considering purchasing
>a radio for the holidays do not buy an Alinco without some serious
>homework - Do not let the SOMEWHAT cheaper price trick you into making
>a very bad purchase - The quality of the product is very poor - Go to your
>local dealer and take a look at the workmanship of a ICOM vs the
>Alinco

I've not noticed differences between workmanship on the outside of the
radio compared between quite a few brands.. Explain what you mean by
this.

>Ask some experience ELMERS about the Alinco track history
>(it has not changed in the last couple of years) - The mechanical and
>electrical design of these radios are very poor - It is worth the extra
>money for the better quality and support. A couple of years after the
>purchase you will be a much happier person.

I know of about 15 people who own DJ580's in this area and only I have
had one small problem with my radio, the reset line gets held if I turn
the radio off for a few minutes for some reason.. Other than that, the
other 580 owners as well as the other people I know with mobile Alinco
rigs have not had a single problem I know of. Tell us your experience..

>Just venting some emotions about Alinco products after a friend
>was considering a DR 600 mobile (the ad and price where nice) - I did
>convience him of NOT making the purchase and he bought a Kenwood

Again, please give us some kind of reason why you feel this way. Your
message is all opinion and no facts.. If you want to convince someone
to not buy something you would be advised to present more facts than
opinions.

Walter _ Wally@POP.UKY.EDU KE4UWN
R _ // Wally@UKCC.UKY.EDU Alinco 580 2/70 Beam
Francis ⊗ Francis@MIK.UKY.EDU Kenwood 530S DXCC Dipole

5915. Re: FS: Kenwood TS-850S/AT with 3 filters for $1,350

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: nitz@access.digex.net
Message-ID: <4b7nam$55r@news4.digex.net>
Source record: 208531
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

In article <4b74gg$1h8@mksrv1.dseg.ti.com>, QRP%mimi@magic.itg.ti.com says...
>
>FOR SALE: Kenwood TS-850S/AT, has factory installed
{...}

Dean:

May I assume from this posting that your 870 is on its way????

[Jim Nitzberg, WX3B]

5916. Info need on Ten-Tec 6 meter Xverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4b7rdq$7o@news.usit.net>
Source record: 208532

Was interested in the comments on the Ten-Tec 6 meter Xverter. Since I only live about 30 miles from Sevierville, Might run over one afternoon and pick one up. If you have used one, how did you like it?

Thanks!

Steve, WA4GZE
Knoxville

5917. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: faunt@netcom10.netcom.com
Message-ID: <FAUNT.95Dec19170908@netcom10.netcom.com>
Source record: 208533

I can understand the original author's feeling about not wanting to give a product away to a potential commercial pirate, but I also feel uncomfortable with "single-source" parts, and sometimes would like the capability to customize the unit to my prefernces.

I'd like to see the ARRL get the code for any projects, and hold it in escrow in case the original supplier can't or won't provide support in the future.

I'd also like to see general source code availablility, since I have been known to make modifications both in the hardware and software of various projects. In a lot of cases, the code is as necessary to the project as the schematic, and more so than the PC board layout.

I could never write all the code for a video terminal, but I could and did modify the keyboard code of several commercial video terminals, using just a EPROM programmer and a clunky cross-assembler to work out patches. In some cases, the code was readable enough to make the changes, in other cases I could get a listing of the code fragments that were appropriate.

In some cases, I'm sure people are just self-conscious about their code. In others, there are reproduction rights issues, but I'd like the ARRL to TRY to make as much of a construction project available as possible, even if it means publishing an review of an available kit, as opposed to publishing an article on the same item as a construction article.

73, doug

5918. ATTN: COLLINS USERS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: leo_parent@mystique.win.net
Message-ID: <389@mystique.win.net>
Source record: 208534

I have a pair of good wrkng RK4-D-32 - one pair only -
Leo_Parent@mystique.win.net

---
* PowerAccess 1.06 A good organizer is the one who is careful to plan ahe

5919. Alinco DJ-G5T dual band handheld radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: crum@xmission.com
Message-ID: <4b7sod$md2@news.xmission.com>
Source record: 208535

Hello, I have an Alinco DJ-G5T now, so if anyone else out there would like to discuss DJ-G5T features, please let me know. Maybe I could put some web pages about the DJ-G5T on my http://www.kb7eec.ampr.org/ server (which is usually connected via the 431.75MHz wireless 9600bps computer network here in Salt Lake). Or perhaps in http://www.xmission.com/~crum/.
I haven't heard of anyone else in my area with a DJ-G5T.

So far the DJ-G5T is really great -- the memory system, channel scope, lamp, separate mic and speaker for full duplex autopatch use, second PTT button, everything -- the three worst things to me are its slow DTMF sending speed, button-press volume control, and how a band must be the main band for DTMF squelch to work.

5920. Re: Ham-Equip Digest V95 #690

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: sfylaqc@scfn.THpl.lib.fl.US
Message-ID: <Pine.SUN.3.90.951219225211.20980B-100000@scfn>
Source record: 208536

unsubscribe

5921. Standard C-112 VHF Handheld?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jmleveron@socketis.net
Message-ID: <4b8uq4$pem@news.socketis.net>
Source record: 208537

Hi,

Does anyone have any info on the Standard C-112 VHF handheld? I picked up a pair of them in Japan in 1992. It has ten memory channels. The variant I got only runs 144-146; 46-48 is somehow "locked out". It has four main front panel controls; on/off, call, MR, MS. When shifted via the Func key, they are Set, Rpt, MW, and Lamp.

Does anyone have any possible sources for a manual, or a manual for a similar model (my manual's in Japanese, hard for this Gaijin to read). It also only has the clamshell back battery compartment for 6 AA sized alkalines; anyone know of a compatible Nicad pack?

Any info on potential mods to access 146-148 (or MARS/CAP, or "wide-band")? These little radios have been good to me, and I'd like to get them up to full potential. Also, one of the units serial # is 92F10005x

Thanks in advance for any replies! 73 de John <jmleveron@socketis.net>

"The Second Amendment guarantees all of the others . . ."
A reminder from jmleveron@socketis.com

SysOp, The KATN BBS (314)896-9309 28.8k 24 hrs. Wildcat 4 SL
(focus on privacy, encryption, firearms info, call for more!)
PGP PubKey fingerprint = A0 19 3E 2D E4 31 02 97 87 FB 62 DA 9F 94 24 77
2047 bit key, strong encryption for the average citizen :)

5922. Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: ko4ta@mindspring.com
Message-ID: <4b91pm$1esk@firehose.mindspring.com>
Source record: 208538

Is Kenwood loosing their ability to manufacture solid equipment. I had a 440 a couple of years ago and it lost it's ability to lock the PLL. I found out that was a very wide spread problem and you had to have a major repair to correct it.

3 years ago I purchased 3 TM241a's (a 2 meter set) Now all three of them are dieing almost at the same time. The audio goes out intermittently and one of them has no CTSS tone out. And the LCD dispaly goes hairy intemittently.

Now I don't claim to be a rocket scientist but with me Kenwood has failed me 80% of the time. I have owned 5 Kenwood radios and 4 of them have failed. All of the failures have been wide spread failures that in my opinion should have been recalled. Everyone on the local repeater knows of the 241's audio problems.. They'll say, "... yeah mine did that too. I replaced the microphone." or " Yeah I had to send mine back for repair." Like I said these are wide spread problems.

On the HF rig, Almost anyone on the air can tell you to beware of a 440 (a certain serial number batch) because of this phase lock loop problem with the 440.

I am looking at the TS850AT but I can't get the courage to purchase it. Frankly I'm gun shy when it comes to Kenwood now. I certainly don't want to tie alot of my money up in a product that is bug ridden..

Anyone else having similar problems..... :o)

You are cordially invited to stop by the World Wide Web Page for A.S.A.P. Protection Company at....

http://www.mindspring.com/~ko4ta/alarm.html
Burglar/Fire Alarm Equipment for Sale at "Installer Direct" Pricing!

5923. FS: Yaesu FT-8500 w/ FS-10 mic

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: deshel01@homer.louisville.edu
Message-ID: <4b8bf3$7ui@hermes.louisville.edu>
Source record: 208539

For sale, Yaesu FT-8500 w/ FS-10 mic, the Mr. Potatohead mic with dual volume and squelch controls. This radio does everything for you but the QSO, I think that is coming with the upgrade. Seriously this is a great radio I however don't have any use for the 440MHz band and it seems to be a waste. Radio used for one week and returned to the box. Warranty card is blank and untouched for the whoever becomes the buyer.

Price: $625 or best offer.

Contact: deshel01@homer.louisville.edu or Call 502-493-9088 in evenings.

73,

de KE4FPS, David

5924. WTB: DENTRON SUPER SUPER TUNER or equivilent

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: mc@shore.net
Message-ID: <4b9c13$fvv@northshore.shore.net>
Source record: 208540
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

I am posting this for Bill Miller, KQ4UN (803) 538-8962

He is looking for an antenna tuner that will cover 160 m and will tune a balanced feedline (like open-wire line). Please call him at the number above. Do not reply to me. I am just posting it for Bill and he has no access to this group or e-mail.

73,

Michael Crestohl, KH6KD/W1

5925. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jastorm@ix.netcom.com
Message-ID: <4b87p3$ad1@ixnews8.ix.netcom.com>
Source record: 208541
Cross-posted to: rec.radio.shortwave,alt.radio.pirate,rec.radio.amateur.equipment

thor@dodo.crown.net (Lincoln Thormahlen) wrote:

>Has anyone tried any of the DSP audio filters?
>Which one(Radio Shack, JPS, MJF, others)?

>I am mainly interested in voice (AM, SSB) notch filtering and noise
>reduction. I would be using the filter with a Drake R8A in the
>pursuit of "Free Radio Stations".

>Thanks in advance.

>Lincoln Thormahlen
>thor@dodo.crown.net

You bet they help. I couldn't live without one anymore. Forget the
Radio Shack one, but most of the rest will do a good job.

73, Jim WB6LWS

5926. Re: TS850 slope tune with CW filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: 76500.1621@compuserve.com
Message-ID: <4b8tq5$66d@dub-news-svc-5.compuserve.com>
Source record: 208542

Kris,

My 850 acts the same way. I have the identical filter setup. When using the slope with cw the low cut is all the way around to about 1-2 o'clock position. The high slope barely away from its default.

I now use a Timewave DSP and never play with the slope. But I did use the slope a bit prior to the DSP. Good luck.

N5OCD

5927. Re: Pls help with frequency question.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819461576.1774@pinetree.microserve.com>
Source record: 208543

jhschutt@figmnt.tayloru.edu (Dr. John Robert Schutt) wrote:

>My son and i recently bought a TenTec Century 21 CW rig. It's an
>analog display. We'd like to know exactly the frequency we're using
>to transmit. (It seems that the FCC wants us to know this too :))
>So, someone suggested that we buy a Radio Shack pocket frequency
>counter for $100.

Checking your transmit frequency with a counter is a real pain.
Also, if you don't have a dummy load, it's potentially illegal (if
you check "live" and you're out of band, you've just made an illegal
transmission).

What you really need is a 100KHz-50KHz-25KHz crystal calibrator.
These generate accurate signals you can use in *receive* mode to
calibrate your rig. Ten Tec used to sell them, so you might call
them first. Otherwise, you'll probably need to shop the hamfests or
build one (they're very simple to construct).

Incidentally, there's nothing wrong with an analog dial, but you do
need the calibrator to stay legal. My Yaesu FT-101EE had to be
calibrated every time I changed bands, but it was so quick to do that
I didn't consider it even a minor inconvenience. Don't sell the
Century short - there are some very fine pieces of equipment out
there with analog dials.

73,
Jack WB3U

5928. Re: TS850 slope tune with CW filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: 72627.2203@compuserve.com
Message-ID: <4b9bg8$jmq@dub-news-svc-1.compuserve.com>
Source record: 208544

>> When I added the YK-88C-1 500Hz CW filter to my TS850 the slope tune no longer behaves properly. The high cut cuts way too much and the low cut is completely ineffective.

Is this normal behavior? Is the slope tune supposed to be useful for CW when optional filters are in place?

The YK-88C-1 is for center frequency 8830KHz (1st IF). This is currently the only optional filter in the rig.

TNX. <<

I have that radio and filter combo and have no problem using the slop tuning in CW. I can make a nice narrow filter doing it. I have the CW note set for default. *800hz I think and I usually have both cuts set nearly at 12 o'clock. Hope this helps some.

73 Doug

5929. Re: Source for some 2SK125's?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819462495.1774@pinetree.microserve.com>
Source record: 208545

little@pecan.enet.dec.com (Todd Little) wrote:

>I need to repair the preamp in an ICOM IC-730 and the devices they
>use are 2SK125.

Are you looking for a Japanese replacement? I wouldn't personally use anything but a Japanese part number, or the exact original part. Compared to the generic garbage, their quality is higher and their performance is much more consistent.

If you're working on a lot of Japanese equipment, there are at least two books published which contain specs for Japanese devices. One is for 2SA, 2SB, 2SC and 2SD bipolar devices, the other covers 2SK and 3SK fets. These books are published in Japan and they are the real thing, converted to English.

Also, the books are printed once a year and sold by MCM electronics, CEI and ORA, the same people who sell the parts. Sorry, I don't have a number for these guys, but any stereo repair shop should be able to tell you how to contact them. They all have 800 numbers.

73,
Jack WB3U

5930. ICW-2 VHF shift ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: Mathias Coinchon HB9UFQ <coinchon@fbwww.epfl.ch>
Message-ID: <4b90vu$bil@info.epfl.ch>
Source record: 208546

73..
I have got an old IC-W2 VHF/UHF portable tranceiver.
This is not IC-W2A or IC-W2E, but IC-W2
The problem is I cannot switch on the shift (DUP) on VHF part...
It's really annoying for QSO on repeaters.
I can do it on UHF part and it works.
Another problem is I cannot have a 1775Hz tone major repeaters
IC-W2E and A have these functions...
Is it possible to change that ?
Is it the small chip on a card in the tranceiver...?
Please help me...

73 thanks
HB9UFQ

5931. Opinions please -- Ten-Tec Paragon II

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Message-ID: <4b932i$n0p@solaris.cc.vt.edu>
Source record: 208547

I am most interested in any opinions of the Paragon II. I have an OMNI VI which I love to death. I am interested in the Paragon II as a second/backup rig.

Thanks and 73

Greg KN4FR

5932. Re: New Radio Shack 2 mtr mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: Rick Tressler <RT0@GANET.NET>
Message-ID: <4b91vh$81o@s2.GANet.NET>
Source record: 208548

I know Dayton 96 seems like a long time from now, but if you can wait, it may be worth it. Radio
Shack usually has some great prices on their 2/440 stuff at the Hamvention. Who knows, by then,
they may have new models of 2 meter and 440 gear out whivh will drive the price of the older
models down even further. You may also want to look into Sttandard or Alinco rigs. They're not
generally as pricy as some of the other radios.

5933. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: Rick Tressler <RT0@GANET.NET>
Message-ID: <4b92bd$81o@s2.GANet.NET>
Source record: 208549
Cross-posted to: rec.radio.shortwave,alt.radio.pirate,rec.radio.amateur.equipment

I did some basic investigation into the fesibility of using a DSP with my old FT-101E. After
talking to numerous folk regarding the effectiveness and cost comparison, I decided to upgrade the
radio, rather than dump a lot of money into an audio filter, which is basically what these devices
amount to. If you have a rig with a crummy IF stage, a DSP may not necessarily fix your needs s
where a true front end filtering system will., in many cases.. Food for thought, anyway.

5934. Re: FS: Kenwood TS-850S/AT with 3 filters for $1,350

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4b945f$lb6@mksrv1.dseg.ti.com>
Source record: 208550
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

>May I assume from this posting that your 870 is on its way????
>
>[Jim Nitzberg, WX3B]
>
Not yet, but I have the dealer holding it for me. I'm going
away for two weeks over the Holidays and I don't want UPS to
leave it sitting on my front porch! :(

Seriously, I'm having them ship it to me about two days before
I'm scheduled to return, so it should arrive just after I do.

73 de KC5NG

5935. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: Rick Tressler <RT0@GANET.NET>
Message-ID: <4b9336$81o@s2.GANet.NET>
Source record: 208551

Occasionally, a radio we buy doesn't work as we expected. It gets sent back to the factory, gets
repaired and occasionally may come back with more problems than i it left with. Maybe some other
ham friends had simliar experiences with the same model or other models within the same brand.
Welcome to high tech everyone. It's a machine for crying out loud, therefore it's going to break
once in a while.

All these manufacturers over time have had some problems with their design operation, warranty
and other facets of the products. Just because a couple of Alinco radios break, doesen't
necessarily indicate the entire company's product line is a piece of crap. We take a chance every
time we buy a piece of gear, albeit a small one.

I have a DJ-180T that's 4+ years old. It's been dropped, slammed and generally well used for that
period of time. Problems? A loose antenna connector. I rest my case.

5936. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4b951l$lb6@mksrv1.dseg.ti.com>
Source record: 208552

I've owned an Alinco DJ-f1TH handheld forovertwo years now, and I'm as impressed with it now as I was the day I got it. It's built like a tank, compared with the fragile-feeling junk that YaeKenCom sell (I am a SERIOUS Kenwood fan, BTW). The F1T has lots of features, a really sensitive, solid receiver, great audio on tx and rx, and the batteries seem to last much longer than friends' YaeKenCom batteries do.

I also own an Alinco DX-70T mobile HF rig. It also has a good solid feel to it, and appears to be built quite well (had the cover off to switch it to 50w max output and did a little snoopin' around inside). Sure, it doesn't have some of the bells-n-whistles that the IC-706 has, but it also costs about $300 less. This little rig has the best receive audio I've ever heard through a built-in speaker. I've never owned a mobile HF rig that didn't need some kind of external speaker before (I've used an FT-757GX, a TS-130S, a TS-430S, an IC-730, a Scout, a Uniden 2510, a Uniden 2600, a Realistic HTX-100, and some converted CB radios). The DX-70T is _NOT_ perfect by any means, but for their very first attempt ever at an HF rig, it's a real winner, and WILL give Icom and Kenwood a run for their money.

I would be interested in hearing _exactly_ what kinds of problems YOU have had with YOUR Alinco rigs. I know many hams in the Dallas area who love their Alinco rigs, and few who have anything bad to say about them.

73,
Dean Hemphill, KC5NG

5937. Re: Kenwood TS-870

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4b955v$lb6@mksrv1.dseg.ti.com>
Source record: 208553

Thanks! I'll save a copy of your posting and refer to it when I get my rig. I have played with the 870 at a local ham store, and after 10 minutes, I knew there was no way I could do without it!

73, Happy hollies! Dean KC5NG

5938. Remote Control of HF Rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-20 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <819469391snz@microvst.demon.co.uk>
Source record: 208554

A number of HF rigs appear to offer complete control via detachable face-plates, including the Alinco DX-70T, Yaesu FT-900 and Icom IC-706.

Has anyone successfully operated any of these at significant distance? I would like to know of anyone who has managed to extend the distance between the front panel and the faceless box to around 70m (say 250 feet).

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

5939. Re: Computer noise..... HELP!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: wf3h@enter.net
Message-ID: <4b9k7j$2hq@news.enter.net>
Source record: 208383

Tfugate@pop.uky.edu (Terry Fugate) wrote:

>In article <T9HywwUN3n9X086yn@sedona.net>, keithw@sedona.net (Keith Wood) says:
>>
>>In article <01HYHMLQECG200DMXW@uthscsa.edu>,
>>MUENZLERK@uthscsa.EDU (Muenzler, Kevin) wrote:
>>[
>>[My only suggestion is to put the antenna(s) as far from your
>>[computer/shack as possible. That is the only way I was able
>>[to cure my computer noise problem. Also, make sure that your
>>[rig is grounded well. Be sure that your cables (video, printer...)
>>[are of the shielded variety.
>>
>>1) Toroids, toroids, toroids
>>2) Ground the computer case and make sure all cables are tightly
>>connected
>>3) Ground the rig, power supply, antenna, mast and feedlines properly
>>4) Make sure that the case covers (computer and radio) make proper contact
>>with the chassis
>>5) Put all those annoying "blanks" into the slot openings on the computer
>>6) Toroids, toroids, toroids -- and don't forget the I/O cables inside the
>>computer
>>7) Take the plastic front off the computer, and spray the inside with aluminum
>>paint. Do the same with the keyboard case, and the monitor.
>>8) . . .Toroids . . .
>>9) Avoid black screens on your monitor (such as DOS "ugly mode") -- experiment
>>with colors to find the one which is quietest
>>10) Disconnect and remove (or tape aluminum foil over) unused I/O ports
>>11) Experiment with the arrangement of add-on boards in the computer
>>12) Use top-quality feedlines and cables with FOIL shielding
>>13) Did I mention toroids?
>>
>>
>>--
>>
>>
>>==
>>Keith Wood TV-18 News anchor
>>Host/Producer, The Computer Program, FLYING TIME!, and Infinity Focus.
>>Gunsite (Orange) alumnus, Team OS/2, Parrothead, N7JUZ, AZ0237 but not a
>>number (I'm a FREE MAN!), creator of FIRE TEAM and HERO SEEKER
>>==
>>
>A friend who used to be an engineer with a bio-instramentation(spelling),

>suggested adding a ground plane. The lab he worked in, had all of the
>workbenches covered with a sheet of copper and a vinyl/rubber sheet over
>that. I could not afford, or even find, a sheet of copper 3'*6', so I
>used a sheet of galvonized steel. I tied that sheet to a ground ring
>with a doubled piece of 1/2" braid. I have painted the sheet metal with
>a thick vinyl paint, and tie all of my radios and junk to it. I tied
>case of the pc and the ground lead of the monitor to the ground plane.
>Except for the birdie from my MFJ1278(at 4.52?MHZ), it is pretty quite.
>The trick, I think, is to not have several ground paths so that you
>make a bunch of ground loops.
>It is a cheap easy and easy to try.
>Oh yea, put lots of torriods on all of you power lines, after you pull
>the ground lines out. I even went to to degree of running everything, but
>the pc/monitor, from dc. I used 1/2" braid as the negative/ground lead,
>and put torriods with several turns in all of the +12volt lines.
>It worked for me. Good luck.
one of the best ways i found was also the simplest....lots of folks
use rg58 for component interconnects between rig, amplifier, etc. this
is where alot of qrn came into my system. i replaced it with rg213 and
, as i type this, my monitor is about 6 inches from the rig...wid no
qrn at all. good luck

5940. Re: ******TEST/MEASUREMENT EQUIPMENT******

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: Mark Oppenheim <Mark@Tetherless.com>
Message-ID: <4bcib2$9sn@gorgor.pa.tetherless.com>
Source record: 208384
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,sci.electronics.repair,comp.sys.hp.hardware

lnorvill@ix.netcom.com(LELAND A. NORVILLE) wrote:
>
>
> There is a new test and measurement equipment web site on the net
> from Compudigital Industries.
>
> http://www.compudigital.com
>
> If you need test and measurement equipment, this is the place to
>check, a lot of pretty neat stuff.

Wow, yeah, there's something like *10* Items actually for sale.

Geez, I'm tired from all the browsing! ;)

5941. [FS] For Sale or Swap: Various Computer and Electronic Items

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: Seth Bardash <sbardash@concorde.com>
Message-ID: <4bbv5l$hdb@xring.cs.umd.edu>
Source record: 208385
Cross-posted to: ne.forsale,rec.radio.amateur.equipment,rec.radio.swap

```
For Sale or Swap:

HP Plotter Model 7475A with extra pens still in sealed bags.
Serial input. Makes excellent A size color drawings for CAD
and other programs that support this plotter.

Best Offer.

Iwatsu 100Mhz Digital Logic Analyzer. Model number SL4121.
16 bit analyser with probes and manual.
Has serial, parallel and GPIB ports.
Excellent condition.

Best Offer.

Willing to entertain swap offers for ide disk and/or high speed modems
or reloading dies for .308 plus other items of equal value.
--
Seth Bardash KC1IZ
Phone: 508-772-6711 after 5pm
email: sbardash@concorde.com
```

5942. Re: Connecting computers over radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: lamackey@interramp.com
Message-ID: <4baoha$o2b@usenet1.interramp.com>
Source record: 208386
Cross-posted to: rec.radio.shortwave,alt.radio.digital,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

sierra.electronics@connectus.com (Eucke Warren) wrote:

>mack@ncifcrf.gov (Joe Mack) wrote:

>>In article <49m6fe$g87@park.interport.net> danax@interport.net (Dan Axelrod) writes:
>>>Hello all.
>>>
>>>I am interested in an interesting idea that I have for my computer:
>>>
>>>I want to connect the computer to another one over the radio waves.
>>>I need it to be running 24 hrs a day 7 days a week. It has to broadcast
>>>over about a 60 mile range. And have a speed of about a 28.8 modem.

>>this style of operation (unattended and personal/business) is not compatible
>>with ham bands

>>>
>>>Preferably I would want a full-duplex connection just hooked up to
>>>modems on both sides. But other similar ideas I want to consider for
>>>myself too.
>>>
>>>I live in the US, and in fact I want to transmit from the east cost of New
>>>Jersey to Long Island NY.
>>>
>>>I thought that maybe SW radio would be good, since it's a. not regulated,

>>it's very regulated

>>>and b. can bend over the horizon.

>>true, but due to multi path propagation your maximum baud rate is pretty low
>>unless you are frequency agile and operating close to the MUF. 1200bd is about it.

>>VHF through microwave is needed for this sort of data rate, 56kb modems are
>>available for this for about $300 (I think)

>>>
>>>Does anyone know how possible, leagal and/or expencive is this project?

>>Well everyone wants one of these. They are starting to be off the shelf but
>>they're expensive in the kilo$ region I think. There's things like
>>personal computer communicators which send RF around a building at about
>>900MHz and if you put an antenna on them they go for about 2 miles.
>>I understand that companies have developed stuff at about 2-5GHz to do the same
>>thing. I'm hoping that ham packet will all go over to this sort of stuff

>>so we can have ethernet data rates on 10GHz.

>>Joe Mack NA3T
>> mack@ncifcrf.gov

>>>
>>>(e-mail is prefferable)
>>>Dan Akselrod
>>>------------
>>>http://menger.eecs.stevens-tech.edu/~danax
>>>mailto:danax@interport.net
>>>

>If you are looking for higher data rates then you will need to sit
>tight and wait for the new PCS rollouts and you will see some 2 Ghz +
>spread spectrum equipment that will handle the higher data rates.
>Microwave is currently very expensive for the necessary radios. Even
>at 900 Mhz you are talking about some very expensive equipment!

>EWW

I agree with the new PCS, but I thought (FCC rules and regs) part 15
made some restrictions on operating range??? 60 miles???

Aren't we talking two very tall towers??? to achieve line of sight?

I don't think he wants to put up a ship in the middle for a
repeater:-)

Might want to look and see if Ma Bell or anybody else is jumping that
span with a terrestial microwave that you can either hop a ride on
(for a fee of course) or borrow some tower space (probably also for a
fee) and bounce from your office to the tower then to the tower on the
opposite beach and on to your other office.

BTW if you are trying to connect two networks? go for more bandwidth,
you'll need it almost as soon as you get the two nodes connected
(voice of experience:-)

Larry Mackey Staff EE Oceaneering Technologies
16201 Trade Zone Ave. Upper Marlboro, MD 20774
Voice Mail: 301 249 3300 FAX Mail 301 390 1309
E-Mail: lmackey@adtech1,oceaneering.com

5943. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: rlong@magnus.acs.ohio-state.eduu
Message-ID: <rlong-2112950753150001@slip1-1.acs.ohio-state.edu>
Source record: 208387

In article <8195012265702@lss.humnet.humberc.on.ca>,
hduff@humnet.humberc.on.ca (Hugh Duff) wrote:

> re: comments from the author of the tuner article...
>
> >
> > =I regret that the article had this negative effect on some people but
> > =this microprocessor was the only alternative we saw to produce this
> > =compact device. That being decided, we needed a development system to
> > =program the chip. How many readers of QST have that.
> > =Should we have used the article with the code included to advertise a
> > =development system for $59.95, listen to them then, that would be
> > =advertising. If this type of development system was commonly available,
> > =and the code was provided, and somebody thought they could improve upon
> > =it, and they had a small bug, what then. Assembly language can not be
> > =tought over the phone, in email, or even in college I think. The 68hc11
> > =is not hard to program but unless one is fluent in the ins and outs of
> > =assembly language in general, this is a giant bag of worms. Both Dwayne
> > =and myself do not want to be short with people, we don't want to ignore
> > =peoples problems and we would love to be helpful, but imagine only 10
> > =people attempting the ultimate, improving the code, imagine the phone
> > =calls, imagine the anger when we couldn't or wouldn't help, that is a
> > =road we did not want to travel.
> >
>
> I believe the author might be surprised to discover how many hams are
> microcontoller literate. Furthermore, offering the flowchart can be
> helpful but why was the firmware not offered to those who are interested
> ? I can only assume that he is witholding it for the reason of personal
> gain...to sell pre-programmed micros to interested builders.
> And his comment about the flowchart getting snubbed by QST (space
> constraints ?), the ARRL has several means of offering the firmware
> electronically...by BBS, FTP site of WWW.
> Why did he not request to have it posted there ?
>
> Hugh Duff VA3TO Toronto
>
I agree that there are a lot of hams who are knowledgeable about
microcontrollers and have the necessary equipment. Another issue is that
the authors may not want to be burdened with inquiries from those who are
not sufficiently knowledgeable. It can be a real pain. I think the source
code, and flowcharts if they exist, should be made available and
distributed BY ARRL but with the provision that they are supplied on an
as-is basis and that the authors will not answer any inquiries.

Ron Long w8gus.

5944. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4back2$1hc@crow.cybercomm.net>
Source record: 208388

ahall@netline.net wrote:

>Please - take some advice - if anyone is considering purchasing
>a radio for the holidays do not buy an Alinco without some serious
>homework - Do not let the SOMEWHAT cheaper price trick you into making
>a very bad purchase - The quality of the product is very poor - Go to your
>local dealer and take a look at the workmanship of a ICOM vs the
>Alinco

>Ask some experience ELMERS about the Alinco track history
>(it has not changed in the last couple of years) - The mechanical and
>electrical design of these radios are very poor - It is worth the extra
>money for the better quality and support. A couple of years after the
>purchase you will be a much happier person.

>Just venting some emotions about Alinco products after a friend
>was considering a DR 600 mobile (the ad and price where nice) - I did
>convience him of NOT making the purchase and he bought a Kenwood

>Good Luck
>Armond Hall
>AC4NL

Very interesting...I have some Kenwood's (241's etc) and Alinco's
DR-150 and DJ-G1. I have tons of trouble with all my Kenwood's
Ts-430, 940, 241, and no trouble with Alinco...quality seems to be
fine on Alincos over last few years..I agree with a past post that
Kenwood should have a re-call on their 440's and all their other
rigs that have a high incidence of the same problem...I will not
buy another Kenwood and pay for their mistakes...

Steve, WA2NHZ

5945. Recommend a Kenwood Service Shop

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: Dave Carver <djc1@ra.msstate.edu>
Message-ID: <4bajho$h61@NNTP.MsState.Edu>
Source record: 208389

I have a Kenwood TS430S that needs to be repaired.

Can someone recommend a fast and reliable Kenwood repair shop?

5946. VARIAN MICROWAVE AMPS&related gear MUST SELL or trade

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: ando1@ix.netcom.com
Message-ID: <4bassl$krn@cloner2.ix.netcom.com>
Source record: 208390
Cross-posted to: sci.chem,sci.med.radiology,rec.radio.amateur.equipment,sci.engr.chem,

FOR SALE- OR TRADE::
Varian VZX6983G5GLM 8-12.4 ghz 53db gain 200watt Xband amp (new)
$16,000.
Varian VZM6993051505 12-18ghz 53db gain 200watt KU band amp
(new)$13,000.
Varian VZX6981KADEH 8-12.4ghz 40db gain 20 watt Xband amp(1007
hrs.)$7,500.
L&R Communications low noise amp local controle & monitor
Scientific Atlanta Antenna Motor Controler Mod.# 8841A
Arbiter Systems Satelite Controled clock mod.#1026B
LAMDA LFS-44-48
Digital H7100A
Scientific Atlanta 3267260 mod.#4663R
" " Digital Processing Unit mod.#7325
" " Signal Source mod.#2180
" "Power Amp 3080 Pedestal
Datum Digital Clock
Texas Instruments XDS/22 Illuminator
12 Schlumberger Test Fixture Kit cases
Canoga Perkins fiber optics Bus Interface
Aerotech 1000 D.C. Permanent Magnet Servo Motor
560sq.ft. S.C.I.F.(secure compartemented information facility)3
rooms,all electronic filters,etc...
Frequency West mod.MO-109XB-17 serial 320 1435omhz
Midwest Microwave mod1044 Step Athenuator D.C. 8.0ghz
Dishes,300' wave guid,and alot more 770-726-5548-dig.pager
Ready to make Package deal !!! 770-923-5726-hm.#
Must move,any interesting trades???

5947. Re: Yaesu 51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: ctbaker@burrito.engr.ucdavis.edu
Message-ID: <4bal9f$onj@mark.ucdavis.edu>
Source record: 208391

John Wagner (wagnerj@watt.oedison.com) wrote:
: On 16 Dec 1995 14:50:26 GMT Stefan Kowal <100627.3426@CompuServe.COM>
: wrote:

: >Yaesu 51R

: >Has anyone tried modding this radio? If so how did you do it and
: >what results did you get? I am particularly interested in RX at
: >70Mhz. The ability to switch AM, FM across the whole of the RX
: >capability also looks like a bonus.

: >Stefan, G0BJW
: >CompuServe 100627,3426

: I did the expanded freq mod found at http://www.qrz.com, and it works fine.
: One solder jumper to remove, and it covers

If you unsolder jumpers #6 and #7 you will be able to tune the radio from somewhere around 80 Mhz to 999 Mhz... but the radio doesn't actually receive out of bounds... but you will get full receive from 110-180 and 320-512 Mhz... and full transmit from 100-180 and 390-484 Mhz. So that is a good thing!

: There may be more coverage, but I haven't poked too much at the keyboard
: yet. It seems to auto select AM mode in the 110-140 band, and can be
: forced to AM or FM anywhere. Of course, the AM/FM mode selection can be
: stored in a memory along with the frequency.

I believe it is selectable if AM mode comes on automatically when the frequency is in a certain range.... As I remember you can turn this feature off... I just glanced in the manual and didn't see anything on this but I still think this is the case.

Chad
KE6ZTC

5948. Re: Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <DJx469.AoF@zeno.fit.edu>
Source record: 208392

In <4b91pm$1esk@firehose.mindspring.com>, ko4ta@mindspring.com (Don Simpson) writes:
>Is Kenwood loosing their ability to manufacture solid equipment. I
____________^^^^^^^
what? they're subcontracting manufacturing? who knew there was so
much biz they could outsource production...of course, letting loose the
production might save 'em on benefits.

of course, one hopes they aren't losing the formula for building a radio
when they do this...

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

5949. Re: MFJ 2m and 6m radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: ORIN BEEBE <o.beebe>, awinc.com
Message-ID: <4bao5a$6bd@kryten.awinc.com>
Source record: 208393

Hi there....Re dipoles on 6 meters,have used a dipole portable many times....works great,however a small 3 el beam works better and you can build one easily out of an old cb radio beam.6 meters is called the MAGIC BAND because when it is open for communications its open....And when its closed it is closed.Best of luck and Merry Christmas from BUZZ VE7BEE......

5950. Re: MFJ 2m and 6m radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: ORIN BEEBE <o.beebe>, awinc.com
Message-ID: <4bao62$6bd@kryten.awinc.com>
Source record: 208394

Hi there....Re dipoles on 6 meters,have used a dipole portable many times....works great,however a small 3 el beam works better and you can build one easily out of an old cb radio beam.6 meters is called the MAGIC BAND because when it is open for communications its open....And when its closed it is closed.Best of luck and Merry Christmas from BUZZ VE7BEE......

5951. FS: Icom R-71A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: "Thomas W. Castle" <afn17891@afn.org>
Message-ID: <Pine.A32.3.91.951221001131.26810A-100000@freenet2.freenet.ufl.edu>
Source record: 208395

Hi Tom here:

I have a mint Icom R-71A reciever. It is in very good cosmetic shape
an works like a charm. It has no options in it, just like I bought
it from AES <new>. It is capable of working as a 2'd recvr or stand
alone recvr <muting circuit built in>... It Rx from 60hz - 30mhz
continuous from the factory all mode capeable <AM, FM, CW, SSB & RTTY>

Reason for seling is that I have acquired a Ic-7000 with a built in
Hf converter. This unit will recv from 30hz - 30mhz on the built in
converter; an from 25mhz - 2.975Ghz continuous... I don't need 2 rigs
in addition to my 751A & 765 Icoms which also have Gen coverage...

It comes with manual, box & acc kit from Icom in ready to go condition.
Non-smoker, $850.00
Tnx for your interest.
De Tom a.k.a. KD4QHH

5952. Re: Alinco radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: kc7fbp@ix.netcom.com
Message-ID: <4bb26o$2bd@ixnews4.ix.netcom.com>
Source record: 208396

I own two Alinco radios (DJ580T, and DR600T) and after about a year and a half I am still very happy with them. I admit that they are not perfect but what is?
The original slam on Alinco radios admitted that they cost less. It should also be pointed out that batteries, chargers, mics, etc. are also considerably cheaper than most other brands. I also like the drop in charger that came with my DJ580T, I didn't believe a friend at first when he told me that he had to leave the batteries attatched to his Icom W2A to charge them unless he purchased the fast charger (over $100) The Alinco's standard charger can charge one battery while the radio is using another.
I also like the mods. If you ever wanted to expand the transmit or receive range on either of the Alinco radios that I own you just cut the blue or red wire. This seems easier than desoldering surface mount diodes and resoldering them, along with a few extras that must be purchased.

But hey......I'm just a tech so what do I know?

Jim Mitchell
KC7FBP

5953. Re: Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4bau5b$1hc@crow.cybercomm.net>
Source record: 208397

jackl@pinetree.microserve.com (WB3U) wrote:

> nomer@southwind.net (steve nomer) wrote:

>>The only way Kenwood could ever get me back as a customer would be if
>>they would recall the 440 and make needed repairs at their expense. As
>>widespread as this type of problem with the 440s has been, I think this
>>would be only reasonable to expect.

>Don't hold your breath. When I was in the audio biz, most of the major
>manufacturers did this at one time or another. Pioneer, Sansui, Akai,
>Yamaha, B&O, etc. etc. However, I can't remember Kenwood ever taking
>care of its customers this way despite the same rate of poor designs
>or defective components. On the other hand, there are worse audio
>companies than Kenwood. Good thing they don't make ham gear. :)

>73,
>Jack WB3U

I can't believe I forgot..About 4 years ago I had problems with
a Kenwood CD player DP R-99..in fact it still isn't working
right after being sent to them 3 times..I have since found out
that this model has a miserable track record and is very
common..every place I called that does Kenwood repairs
remembers the model well, including some on the ".repair"
group...when I called Kenwood about it I just got the brush off..
This CD player was part of their $1500 component system..

Steve, WA2NHZ

5954. Palomar 600HD

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: kris.mcdonald@prostar.com
Message-ID: <0000121D00000439@prostar.com>
Source record: 208398

Anyone interested in a 10M (or 11M (CB) for that matter) linear amplifier?
It's a Palomar Elite 600HD. I bought it brand new and never used
it. E-mail if interested.

Kris

5955. HEATH HAM-SCAN

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: leo_parent@mystique.win.net
Message-ID: <405@mystique.win.net>
Source record: 208399

I have just acquired a Heathkit Ham-Scan monitoring scope - no manual - the input on the back has a RCA plug - I need to know how to connect this to my Kenwood R-599 to monitor my SSB signal pse lv msg Leo_Parent@mystique.win.net tnx Kb2Wk

---
* PowerAccess 1.06 No, I'm NOT an Extended Character.

5956. Kenwood TS-830s/PC-1a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: mdonohue@renc.igs.net
Message-ID: <4bbi6u$jkj@nntp.igs.net>
Source record: 208400

Hi All:
Has anyone used the above combination. Everything seems
to work ok with the exception when the the Patch is turned on
the rcv audio is very weak. (I have the Patch Audio at 4 as
recommended in the manuals and 830s audio set at 4). In fact
by turning both the 830s audio to 10 and patch audio to 10 I can
still barely hear anything. Any comments.

Have a Merry Christmas and a Happy New Year!!!

73 De Michael VE3DMJ

5957. Re: Computer noise..... HELP!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: Seeler@upei.ca
Message-ID: <30d950fd.72748585@news.upei.ca>
Source record: 208401

Also - check to see if your monitor is at fault - find the birdies, and turn it off. If not then you will need to move the monitor further away (may work) or consider a newer model which meets current EMI stanards. In my case - I no longer have monitor problems at all where in the past it was the primary culprit.

5958. Re: Alinco DJ-G5T dual band handheld radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: turtle@unix.infoserve.net
Message-ID: <4bbojj$261@news.infoserve.net>
Source record: 208402

Good!
I have a DJ-G5T also!
it's a good radio... so far...
although it's accessories are relatively hard to
find in some places... (like in Asia)
it's still a good radio...

let me know if you have to homepage done for this lovely alinco...

Simon

VE7VSI

crum@xmission.com wrote:
: Hello, I have an Alinco DJ-G5T now, so if anyone else out there would like
: to discuss DJ-G5T features, please let me know. Maybe I could put some web
: pages about the DJ-G5T on my http://www.kb7eec.ampr.org/ server
: (which is usually connected via the 431.75MHz wireless 9600bps computer network
: here in Salt Lake). Or perhaps in http://www.xmission.com/~crum/.
: I haven't heard of anyone else in my area with a DJ-G5T.

: So far the DJ-G5T is really great -- the memory system, channel scope, lamp,
: separate mic and speaker for full duplex autopatch use, second PTT button,
: everything -- the three worst things to me are its slow DTMF sending speed,
: button-press volume control, and how a band must be the main band for
: DTMF squelch to work.

--
.____.
|On internet: |On Air: ________|
|turtle@unixg.ubc.ca | 145.27 Hz / Simon Wu.
|turtle@unix.infoserve.net | VE7VSI / ﷺ.
|TURTLE.bbs@bbs.nsysu.edu.tw | _________/ .
|turtle@freenet.vancouver.bc.ca | / The University of B.C.
---------------------------------/...Civil Engineering.....

5959. Re: MFJ 2m and 6m radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: QRP%mimi@magic.itg.ti.com
Message-ID: <4bbpiv$jp3@mksrv1.dseg.ti.com>
Source record: 208403

MFJ sells a 6m SSB rig, but not a 2m version. Price is $239.95. Power output = 10 Watts PEP. VFO control, with RIT also. Works SSB and CW. Rcvr is single conversion superhet.

Sorry the info is "sketchy". Got it from AES catalog. Best idea is to write or phone MFJ and ask them to send you the manual for the radio, which they will do for free!

73 de KC5NG

5960. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4bbq8c$nba@usenet.continental.com>
Source record: 208404

Ed:

I applaud the league's editorial staff for including the article. Anyone who takes the time to learn the skills necessary to write and program a microprcessor's code will appreciate the author's desire to keep it proprietary if he/she so desires. Oftentimes, many hours of painstaking detail goes into programming source code. Additionally, there is nothing to inhibit the ambitious and determined amateur from learning and writing their own code and sharing their experience with others.

-Paul, N9AZ

5961. Re: Ten-Tec Scout 555 noise blanker?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: <>
Message-ID: <4bbqo8$k8n@mozz.unh.edu>
Source record: 208405

>I should like to learn about the noise blanker option available
>for the Ten-Tec Scout 555. Under what conditions does it
>help, and when will it do more harm than good. Does it help with
>the noise from distant thunderstorms?

From my experience (555 Scout in mobile operation, and 556 Argo
at fixed station), the noise blanker is without a doubt one of
the most worth while accessories you can buy for your Scout.
It's extremely effective in eliminating car ignition noise and
"local" electrical noise (power-lines, appliances). It's well
worth the price ($19.95 US). I couldn't operate without it
(quite literally). At the fixed station, it brings an S7 noise
level down to an S2. It does not seem to filter out noise
generated by my television, however, and I am not sure how well
it would reduce noise from distant thunderstorms.

-Drew, NV1B

5962. Re: Kenwood TS-940s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: ga19989@evax01.d51.lilly.com
Message-ID: <1995Dec21.092642.1@evax01.d51.lilly.com>
Source record: 208406

In article <4b78p1$c6j@news.theriver.com>, asken@theriver.com (Ken Fredstrom) writes:
> Does anyone have or ever used the IF-232 unit with the 940? It allows
> computer control of the 940. I am thinking of getting one if I can
> find it and it is worth the effort.
> KEN-WB7NEX
>
>

I recently was told by the Kenwood rep t a hamfest that the computer interface
you want for the 940 is the IF-10B. They were out of production for a long time
but recently Kenwood ran another batch of them.

Mel KJ9C

5963. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: jlundgre@delta1.deltanet.com
Message-ID: <4bc0vm$t3i@news2.deltanet.com>
Source record: 208407
Cross-posted to: rec.radio.shortwave,alt.radio.pirate,rec.radio.amateur.equipment

Lincoln Thormahlen (thor@dodo.crown.net) penned:
: Has anyone tried any of the DSP audio filters?
: Which one(Radio Shack, JPS, MJF, others)?

: I am mainly interested in voice (AM, SSB) notch filtering and noise
: reduction. I would be using the filter with a Drake R8A in the
: pursuit of "Free Radio Stations".

: Thanks in advance.

: Lincoln Thormahlen
: thor@dodo.crown.net

I use an MFJ-752 with my Kenwood receiver, and it helps on some weak signals, especially CW and other narrow band stuff. But for AM voice, there is no substitute for good IF selecctivity in your receiver. What I mean is that the audio filter will not make up for the poor receiver's IF selectivity letting in other stations close in freq. If the receiver picks up another station, the filter may get rid of the heterodyning, but the receiver may still be desensitized by the strong signal. That means that the signal you want will not be heard as well, if at all.

I've got a decent receiver, and the MFJ helps a bit. But it is not a DSP filter. The DSP may be better at some things, such as notching out a certain freq. But I don't believe that it will be any better at receiving weak signals when the receiver is not picking them up well.

I noticed that the receiver you're using is a good one, so you should be spending money on the other end of the receiver, to get a better antenna. This might allow you to use the antenna to reduce strong stations and maximize weak ones.

If you do get one, don't be surprised if you are disappointed in the filter. The one I have requires a lot of knob adjusting to get it to be optimum. The success of the user depends a lot on his skill at adjusting the filter. I think that some listeners such as hams would get decent results since they are listening to DX and especially CW. For someone who wants to listen to the AM broadcasts, I doubt that the filter will be as successful.

I haven't used the DSP filters, but if they are like the MFJ, then they will probably require a lot of manual adjustment.

REmember that no amount of audio filtering will get rid of fading, QRM, and other problems. If you have the land and the money, you can get rid of fading by space diversity reception. That's when you put two antennas

a couple hundred yards apart with two separate receivers. The best of
the two audio signals is used. That's how the military used to do it.
Now they put up a satellite dish and receive the AFRTS over the military
satellite!

--
#==========H==A==P==P==Y=====H==O==L==I==D==A==Y==S==!==!==========#
John Lundgren - Elec Tech - Info Tech Svcs.	jlundgre@delta1
Rancho Santiago Community College	.deltanet.com
17th St @ Bristol \ Santa Ana, CA 92706	http://rsc.rancho
My opinions are my own, and not my employer's.	.cc.ca.us
"You can flame your brains out -- it won't take long."
I have gone out to look for myself.. If I should
return before I get back, hold me until I get here.
#======P=G=P==k=e=y==a=v=a=i=l=a=b=l=e==u=p=o=n==r=e=q=u=e=s=t======#

5964. FS: YAESU FT-530 $285

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: lfreitas@mitre.com
Message-ID: <lfreitas-2112950953400001@lfreitas.mitre.org>
Source record: 208408

I have a YAESU FT-530 HT that is not getting very much use.
Therefor I would like to sell it. The 530 comes with:

7.2V 600ma Battery
Battery Charger
MH-12 Speaker Mike
C-DC-5B Power adapter for the Car
Operating Manual

The 530 will be sold as a package only. My price is $285 firm for this
radio package. If you are interested in this radio or need more
information contact me via e-mail lfreitas@mitre.org. Thanks 73
de N1KLF Larry.

5965. COMER COM Radware experiences??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: rrrath@aol.com
Message-ID: <4bc4ii$fv8@newsbf02.news.aol.com>
Source record: 208409

High,
has anybody any experience with said PC card (e.g. ads in QST).
Unfortunately they offer only a Demopgm on their BBS-
very expensive from Europe.
If have not seen any test report in Europe or QST..anybody seen?

73s and Merry Xmas
Robert DJ0RA, OE5RRL

5966. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4bc1ei$pi1@usenet.continental.com>
Source record: 208410

>Count me in as one that was offended by the publication of such an >article without source code. There is little to be learned by s=
uch a >design unless the code and algorithms are published.

I disagree. There's plenty to be learned. Learn how to write and program your own source code. It's not that difficult. "Anything worth having is worth working for." (Credit for the quote goes to my grandparents <g>).

-Paul, N9AZ

5967. Alinco DX-70?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4bc68n$jtf@usenet.pa.dec.com>
Source record: 208411

All the recent Alinco bashing aside, can anyone relate any experiences with the new Alinco DX-70? A local ham here is looking for a new HF rig and wouldn't mind also getting on 6 meters. I'd love to hear any comments positive or negative that I could relay to him.

73,
Todd
N9MWB

5968. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: faunt@netcom14.netcom.com
Message-ID: <FAUNT.95Dec21092849@netcom14.netcom.com>
Source record: 208412

Now that I've actually seen the article, I have no problem with what was done. The article gives enough information to make a version of the tuner, with nothing but the information given, if you're knowledgeable enough about microcontrollers. In fact, you could control the whole thing with a PC if you wanted. It wouldn't be too hard to make connections to the PC board where the processor would normally be, and connect it to a different processor. I can envision one of these with a PDP-10 controlling it, since I am of that generation.

I think the keyer project that was the previous cause of these flames was much more of a "review of the kit" type, since no hint was given about the internal workings of the unit. QST has also had other articles that did provide the source listings, not in the magazine, but available in other ways.

73, doug

5969. IC-706 Matrix Filter Bank (technical Info)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512211806.AA09459@shelob>
Source record: 208413

All you IC-706 owners, the technical types, engineers into ham
radio like me. After getting my IC-706, I have been fasinated by
its design.
Now I am making it one of those Engineering Projects at home,
similar to my work!!. Ham radio is fun, reverse engineering is too!
From my understanding on the IC-706 filter bank is this.
As far as the IC-706 is concerned, this is what I have.
Between 60.000 and 128.999999 MHz,
a high-pass/low-pass filter pair is used.
Between 129.0000 and 143.999999 MHz ...AND BETWEEN 148.000001 and 200.00 MHz
another high-pass/low-pass filter combination is used.
BETWEEN 144.000000 and 148.000000 MHz, a separate band-pass/low-pass filter
set-up is used.
****
Next I need to identify a maxrix of which wires and logic levels
control each filter, and if the filter is used both in the transmitter
and receiver path or both. Trying to figure the logic diagram in
switching as one tunes the receiver/transmitter from 60-200MHz to
understand which filters are activated in the filter banks.
Next I can implement my special design microminature filter which is
varactor tuned from 50-200Mhz (similar to another helical design in Japan), a
136-174 varactor filter into the filter compartment. This filter is .38"x .5",
with 5MHz BW and with the right Mhz/volt tuning ratio can be slaved off the VCO
ramp test point to drive it into a log amp to linearize the tuning range.
From a frequency analysis/spur LO injection, I have figured the higher
order mix products and images for the LO with harmonics, with more information
that I received from Icom.I can really appreciate now why they needed all those filters so
that the radio would be usable without image/mix products falling
into the IF with undesired sideband products.
Still awaiting the service Manual, before I really get into it. Icom
claims the Manuals to be out in January 1996.
73
Mike
W6TRW
Radio Communication Product Engineer
Electronic Engineer 25 years

aust@gandalf.sp.trw.com

5970. Documentation for Clegg FM27B needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: bb141@torfree.net
Message-ID: <DJy6zw.GtL.0.bloor@torfree.net>
Source record: 208414

Please help, I am trying to resurrect an old 2 meter FM rig
a Clegg FM27B and need service docs for it.
I will pay for copying or copy and return whatever you have.
Tahnks for any help and/or info. I could also use a copy
of the user manual as it came with nothing.....

Thanks Larry (VA3LDM)

73's

--
Larry D. Marsden (VA3LDM)

5971. Wanted: low cost UHF FM receiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: fx514@cleveland.Freenet.Edu
Message-ID: <4bcgb2$52e@madeline.INS.CWRU.Edu>
Source record: 208415

I'm looking for a UHF FM receiver. I'm fairly new to
the hobby and want to try working AO-27. I have the
gear for the uplink, but need something for the downlink.

If you have an old receiver or scanner that you could
part with for low cost, please e-mail me at:

davidms@decus.ca

Thanks!

73 de VE1DMS (David)

5972. Re: Advice on R-7 and grounding(2nd floor shack)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: blood@austin.ibm.com
Message-ID: <4bccnt$csc@ausnews.austin.ibm.com>
Source record: 208416

You do not need any ground except the earth ground provided by the mounting pole. Mine is mounted 5 feet above my back yard and has been a great performer. Adding radials of any type will probably make the antenna work worse.

5973. Re: Ham-Equip Digest V95 #701

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: RSmall01@aol.COM
Message-ID: <951221180558_77191613@mail04.mail.aol.com>
Source record: 208417

I would really appreciate any comments from those who may have had first hand experience with the Ameritron AL-80B AMP. I have just returned to amateur radio after a long absence, have a new ICOM IC-738 and would like to make the right choice in an amp for under $1500.

Patiently awaiting my General call sign assignment in the middle of the government shutdown.....Have always had a bit of a problem with timeing! hi
73
Dick
RSMALL01@AOL.COM

5974. Re: Ten-Tec Scout 555 noise blanker?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: moritz@ipers1.e-technik.uni-stuttgart.de
Message-ID: <4bc5km$si8@info4.rus.uni-stuttgart.de>
Source record: 208418

Drew,

Thank you for the reply. BTW, I did not succeed in e-mailing to you directly.

73, Moritz DL5UH

5975. Yaesu 51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512212056.AA09505@shelob>
Source record: 208419

Saw your info on FT-51R, I believe that the FT-51R will go higher than
484Mhz, even receive better, using the high side LO injection VCO
(Reserved for VHF side of the DISPLAY) if you use in UHF X UHF, rather
than VHF x VHF, my TH-78works the same way. There are TWO VCO's in the
TH78 on UHF and two VCO's on VHF.
When listening to UHF x UHF, both UHF VCO's are working, One VCO is using
low side LO injection, the other VCO uses hi side LO injection, allowing the
sideband IF product to fall within in same IF.
Thus one using the VHF side for UHF operation, you use high side LO injection, and the PLL
will stay in lock usually 20Mhz higher than the other VCO.
Also, you may hear better with the higher side LO injection VCO on UHF above
490 due to higher LO drive into the mixer and image response will fall above
the desired RF frequency. When using low side Lo injection, the image falls
below your desired RF frequency. The Front end is broadband and usually rolls
off as you get above 510, so the image noise sideband does not degrade the RF
to IF noise figure as bad when your using the low side LO injection.
I keep forgetting that a lot of hams are not engineers, but remembering this
could be helpful for you.
73
Mike

5976. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4bcilm$kvh@usenet.pa.dec.com>
Source record: 208420

In article <4bbq8c$nba@usenet.continental.com>
Paul Christensen <paulc@jax.se.continental.com> wrote:

> Ed:
>
> I applaud the league's editorial staff for including the article. Anyone
> who takes the time to learn the skills necessary to write and program a
> microprcessor's code will appreciate the author's desire to keep it
> proprietary if he/she so desires. Oftentimes, many hours of painstaking
> detail goes into programming source code.

How is the code in a microprocessor different from the designs in any
circuit? Both require a great deal of skill and knowledge to develop
and perfect.

> Additionally, there is
> nothing to inhibit the ambitious and determined amateur from learning and
> writing their own code and sharing their experience with others.

The same can be said of any design work done in any field. Roy
Lewellyn and others could keep all their designs to themselves
(proprietary?) and none of us would benefit from their hard work.
On the other hand they can write articles or books, get paid by
the publishers, and we can benefit from their work.

I just don't see the difference between software and hardware
design. It seems to me that an analog would be to publish a design
for some piece of equipment and label a portion of the circuit
"black box, only obtainable from the author for a fee".

Personally I don't know why the code wasn't published. As Ed has
pointed out, the author isn't making any money on the code as he
is offering programmed devices for a little more than they cost
unprogrammed. But as a software developer and part time
tinkerer, I'd love to see his code to see exactly how he cut down
the number of attempts required from 131K to 280 or whatever
the numbers were. Its also an area that I've thought about
doing some design work after seeing the ads from the SGC 230
tuner and thinking to myself, how hard can something like that
be to build.

I guess all in all it doesn't bother me a great deal, but the trend
is rather disturbing. I ran into this guy at a hamfest last year who
was giving talks on APRS. His apparent goal is to make a pile
of money off of selling Mac APRS software. He is welcome to
make amateur radio his source of income, but in the end, we

all lose. The amateur radio software community as far as
I can tell has been much more close to the vest than the electronic
design community has. I'm not sure why this is, but it is frustrating
that we don't have a wealth of software designs to share
and build upon. This is one area where I'd love the see the ARRL
step in and help coordinate efforts. Imagine the library
of code we'd have if much of the currently independent efforts
were coordinated and moving in a single direction.

Enough of my soapbox.

73,
Todd
N9MWB

5977. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: crum@xmission.xmission.com
Message-ID: <4bci71$f2t@xmission.xmission.com>
Source record: 208421

In article <4b8ci3$oke@violin.aix.calpoly.edu> kjsmith@violin.aix.calpoly.edu (Kirk James Smith) writes:
I'm not sure why I'm ranting, I'm not a rabid fan of Alinco, they've made some design errors in my opinion as well, but I think they're the best one going at the moment (save buying Motorola Syntor X 9000's, which are a pain to use due to the computer programming if you travel much).

I guess you meant "raving" instead of "ranting". I have similar feelings. I like Alinco radios a lot, although some design aspects bug me a little.

My new DJ-G5TH is really cool. It is really Fun. Funner than the DJ-580T. It improves upon the 580 in many, many ways, but in a few little ways it is worse. I had a 580 but lost it while hiking as I mentioned in previous postings.

Like:

1. The PTT button of my G5 is hard to press, and after pressing it, it will disconnect if I release a little pressure, even before it "unclicks". Maybe this will be less of a problem as the radio gets older.

2. The G5 has up/down buttons for volume and squelch level.
I like knobs for volume control. (My Standard C5718DA mobile dual-bander also has buttons on the mic for volume control, although it does have knobs on the front panel. Kudos to Yaesu for the cool knobs on the FT-8500 FS-10 microphone.)

3. I don't see any way to set my G5 so that when I key up, the sub-band is muted completely. For use with another radio one-way cross cross-band repeating to get into a repeater, while listening to the repeater output directly, the "full duplex off" mode of the 580 (apparently lacking in the G5) was quite appropriate.

4. The 580 had an undocumented feature (F-FL/PL #123) that allowed me to set the DTMF tone sending speed to be really really fast. I really miss that. The G5 sends tones quite slowly, and there isn't even a slow/fast setting, let alone the 16-level speed setting that the 580 has.

Well, there are my little picky pedantic complaints. Maybe in another message I could list good things about the G5. There are lots!
Well, I can't resist briefly mentioning some:
- lots of memories (200), and two VFOs (a,b) for each of the L and R bands,
- call channels maintain settings like PL and shift (bugfix over the 580),
- 20 DTMF memories, and 8 DSQ memories.
- channel scope (but received frequency seems to be periodically interrupted)

- sleek shape

Hey, I wonder if anyone has made a computer program to receive, manipulate and send G5 settings (with a computer sound board), for functionality similar to the ADMS software for Yaesu radios.

5978. Re: Keyer Recommendations Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: John Kendra <johnk>
Message-ID: <4bcjbf$o9j@ukelele.qnet.com>
Source record: 208422

Keys are a matter for feel. What I may like you may not.
I think the German Schurr keys are the smoothest,but I
like the feel of the Virboplex Iambic.

Too bad a person can't try all the differnet models before buying
them.

A good place to see/try different ones is at an ARRL Field Day
held every June.

5979. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: turner@safety.ics.uci.edu
Message-ID: <4bd1vj$oeb@safety.ics.uci.edu>
Source record: 208423
Cross-posted to: rec.radio.shortwave,alt.radio.pirate,rec.radio.amateur.equipment

In <4b87p3$ad1@ixnews8.ix.netcom.com> jastorm@ix.netcom.com (Jim Storm) writes:

>>I am mainly interested in voice (AM, SSB) notch filtering and noise
>>reduction. I would be using the filter with a Drake R8A in the
>>pursuit of "Free Radio Stations".

>You bet they help. I couldn't live without one anymore. Forget the
>Radio Shack one, but most of the rest will do a good job.

Only forget the Radio Shack one because it does not really have any
"noise reduction". They got that all wrong. BUT, for basic CW
and SSB selectivity, and for $50, you can't beat the little thing.
I had the DSP 59+ and the Radio Shack filters, kept the Radio Shack
and got rid of the DSP 59+. The DSP 59+ was real neat, and did a
good job and all, but not $150 better for me, hi hi.

Clark
WA3JPG

5980. FS:Motorola MTX-810 Hand Held

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: "alex@hic.net" <alex@hic.net>
Message-ID: <4bau6b$n12@news.hic.net>
Source record: 208424

I have a Like New Motorola MTX-810 Conventional or Trunked
radio for sale. it does Tye one trunking and works
perfectly. Drop me a note .....alex@hic.net $300.00

5981. re adjusting DAIWA SWR meter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4bb823$s2p@hawk.pix.za>
Source record: 208425

I installed N-type female connectors on the back of my DAIWA SWR/POWER meter. The Model is CN630. It had UHF connectors on.

However the meter does not give the correct power & swr readings now. Can somebody tell me how to properly adjust the trimmers inside ? There are two on the coupler and 4 on the PCB inside the box. They are numbered 1,2,3,4..

Danie zs6awk

5982. RX coverage on IC475

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4bb848$s2p@hawk.pix.za>
Source record: 208426

Is it possible to incerease the rx coverage on a IC475H ?

5983. re Daiwa Power Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4bb852$s2p@hawk.pix.za>
Source record: 208427

I installed N-type female connectors on the back of my DAIWA SWR/POWER meter. The Model is CN630. It had UHF connectors on.

However the meter does not give the correct power & swr readings now. Can somebody tell me how to properly adjust the trimmers inside ? There are two on the coupler and 4 on the PCB inside the box. They are numbered 1,2,3,4..

Danie zs6awk

5984. Re: Cellular Phone Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: rhyolite95@aol.com
Message-ID: <4bd742$sg7@newsbf02.news.aol.com>
Source record: 208428

It probably DOES work. He says it only works a short distance so I expect that the recievers are having a spurious response to overload. The transmitters are probably blowing right around the duplexer and mixing with noise in the logic board.

5985. 5$ Mod. For Dead HT Batts!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4bcqqm$ie6@kaiwan.kaiwan.com>
Source record: 208429

New life/use for dead YAESU, ICOM, (fill in yours) Batteries:

If you don't intend to rebuild your HT batteries, here's another great option! It provides +12 Volts D.C.*, FULLY REGULATED! to your portable tranceiver or scanner from your car battery! All parts should be about $5! It's a very easy project that should take less than one hour.

First! Be SURE your radio will safely operate with 12 Volts D.C*.!
Open the battery case (see earlier article) and SAFELY dispose of the dead cells.

PARTS LIST:
(1) Motorola *MC7812* (or similar 'three legged' POSITIVE voltage regulator). Radio Shack has them for about $1.50 each.

(1) Metal plate, heat-sinc. 2" x 3" Almost anything will do. I used a official one that cost 50 cents... no drilling required.

(1) ,01ufd at 50 volts capacitor.

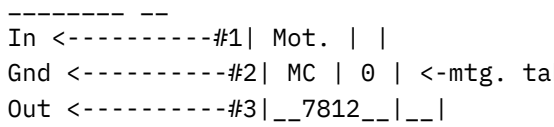
(1) .2 ufd at 25 volts capacitor.

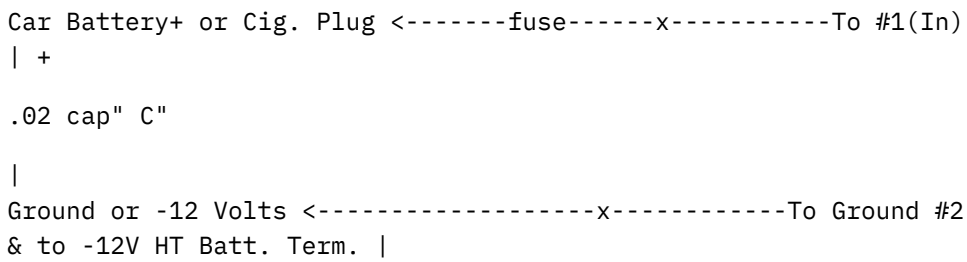
(1) One amp fuse with wire legs. (Fuse holder type optional)

MISC: 5 feet, light duty, 20 gage stranded wire (cigarette lighter plug is optional). One nut, screw and washer.

IDENTIFY the REGULATOR connections as follows:
(Body/Letter side up. Metal Mtg. tab is at RIGHT. Three legs point left.)

#1, Top Leg = +12volts to +24 volts INPUT terminal.
#2, Middle Leg = to Ground.
#3, Bottom Leg = Regulated +12 volts out.





.2 cap "C"
|+

+12 Volts Reg. to H.T. <-------------------x-----------To Output #3
+12 V battery term.

Everything was built inside 1/2 of the Battery Case. I drilled a small hole on the side of the Case for the twisted pair of wires to 12 volts. A knot keeps the wires from pulling out. I drilled another small hole to mount the metal plate that the regulator mounts on.

Be sure to use the two capacitors. They are important. I connected them directly to the regulator legs. The Output #3 is wired to +12 volts terminal of your HT Battery Case. The ground terminal (#2) is connected to the -12 volt terminal of your HT battery AND to the wire that connects to -12 volts from the car battery.

A hot glue gun worked fine for case re-assembly. Super Glue worked fine too.

On occasion, automobile charging systems cars can go higher than 16 VDC! This method will provide 12* volts, FULLY REGULATED to protect your HT, no matter what. The regulator also protects from voltage "spikes" and dead shorts on the output.

I've left my HT on for hours and hours (overnight or all day) and never have a problem starting.

*NOTE! If your HT or scanner requires LESS than 12 volts D.C., Select another regulator to suit your voltage requirements. Follow the same basic rules.

***Important! Any questions, please EMAIL me direct: cardenas@kaiwan.com

Enjoy! Tony Cardenas WA6IGJ

5986. Re: Wanted:A FT-530 Operators manual copy!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: jayb@aol.com
Message-ID: <4bcsca$pe9@newsbf02.news.aol.com>
Source record: 208430

i ripped off a ft-530 and need a copy of a manual too. thanks.

5987. Alinco DR-MO6T or Azden 6mt any good

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: zaax@aol.com
Message-ID: <4bd5cb$rno@newsbf02.news.aol.com>
Source record: 208431

I would be interested in any comments on the Alinco DR-Mo6T or Azden PCS-7500H 6 meter rigs. Any info will be greatly appreciated.

73 Zack
N8FNR

5988. Re: Murch UT-2000A, "ultimate transmatch" questions

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4bdtv4$n7d@crash.microserve.net>
Source record: 208432
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment

turner@safety.ICS.UCI.EDU (Clark Savage Turner WA3JPG) wrote:

>Also, I think I recall someone on the antenna group stating that the
>"ultimate transmatch" design had one of the capacitors doing
>something silly.... There is a two ganged capacitor that is doing
>something useless?

In "Reflections", Maxwell states that the lower portion of the split stator capacitor (which shunts the transmitter) contributes nothing to the matching function. He goes on to say that the same is true of the shunt output capacitors in the Johnson Matchbox, and that they can be lifted off ground without affecting the match.

In other words, according to Maxwell, these capacitors serve no useful purpose.

73,
Jack WB3U

5989. Need help identifing MOTOROLA radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: swithrow@nyx.cs.du.edu
Message-ID: <4bd7um$dc9@nyx.cs.du.edu>
Source record: 208433

I have recently acquired an old Motorola commercial radio and am
trying to figure out whether to keep it or throw it in the trash bin.

It is a base unit in which a mobile unit rf deck is plugged in.
The base unit marking is Model L51BBB-3100BM. It is currently on
35.04 MHz and puts out about 40 watts. Anyone know anything about
these beasts? Can it go down to 10 meters? Will it go up to 6 meters?

Any information would be helpful? Thanks in advance for your time
in responding.

73 & Merry Christmas,
Skip Withrow WB0BBE
ah441@freenet.uchsc.edu

5990. Yaesu FT-11R / FT-41R Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: Gary Woolery <gwoolery@homer.libby.org>
Message-ID: <30DA341D.2132@homer.libby.org>
Source record: 208434

I am going to purchase two of these for com between wife and I while moble. Would some one who has knowledge of these to units please tell me which they think is better and why. Which one is better with repeaters? If you would please reply via E-mail it is faster.

TIA
Gary Woolery
gwoolery@homer.libby.org

5991. Re: Ten-Tec 6 meter Xverter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8195503048601@lss.humnet.humberc.on.ca>
Source record: 208435

>
> Is anyone using the Ten-tec 6 meter tranverter? If so, how do you like
> it? I understand it is avalibile in kit form. Would be interested in
> knowing how it performs.
>
> Thanks,
> Steve
> WA4GZE

Hi Steve. I built one of the TenTec kits. It's the best $95 I've spent
on the hobby in years. It was easy to put together (the manual makes it
foolproof) and performance is excellent. I use in in my car with my
TS-50. I worked all over the place during this past summer Sporadic-E
season.
Everything is included in the kit from parts, connectors, wire and a
nice case. You couldn't build one from scratch for less...well worth it.

I recommend it highly !
Cheers..

Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

5992. Alinco radios are not junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4bc6du$lr@cville-srv.wam.umd.edu>
Source record: 208436

I have a pair of DR-1200T's (one in each car), and old ALR-206T,
and a DX-70T. The DX-70T had a bad trace on the itsy bitsy CTCSS
encoder board that was repaired by the repair center.

One DR-1200 has been used daily for over two years for packet and
then in my car; the other one has been used for a few years on a
lighter schedule. Also had a DJ-580T for about a year. No problems
on any except the DX-70. Build quality seems typically Japanese.
--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

5993. Re: SB-102 Problem - can you help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4bdufq$n7d@crash.microserve.net>
Source record: 208437

tcarlyle@mindspring.com (William Carmichael) wrote:

>Rig operates great on 80 & 40 meters; Mic/CW (Drive) control works
>per design. On other bands, Mic/CW control has no effect, always
>high, and seems to have carrier output (even in SSB modes). There
>seems to be some modulation on the carrier, like AM.
<<snip>>
>there are things going on for 20 mtr & up that aren't for 40 or 80,
>but they seem just to be final tuning caps and such..

Sounds like an oscillation. Have you changed or done *anything*
differently before and after the problem appeared? New finals?
Alignment? Neutralization?

73,
Jack WB3U

5994. Re: Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-21 00:00:00 UTC
From: ko4ta@mindspring.com
Message-ID: <4bhc4j$t28@firehose.mindspring.com>
Source record: 208438

ko4ta@mindspring.com (Don Simpson) wrote:
The thing to keep in mind is this; Generally a 2 or 3% failure rate
is considered unaceptable. I wonder what the rate is? In this thread
we are probably running about a 80% con over pro.

You are cordially invited to stop by the World Wide Web Page for A.S.A.P. Protection Company at....

http://www.mindspring.com/~ko4ta/alarm.html
Burglar/Fire Alarm Equipment for Sale at "Installer Direct" Pricing!

5995. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: dtburr@mcs.com
Message-ID: <4bculr$pue@News1.mcs.net>
Source record: 208439

> Rick Tressler <RT0@GANET.NET> writes:
> I did some basic investigation into the fesibility of using a DSP with my old FT-101E. After
> talking to numerous folk regarding the effectiveness and cost comparison, I decided to upgrade the
> radio, rather than dump a lot of money into an audio filter, which is basically what these devices
> amount to. If you have a rig with a crummy IF stage, a DSP may not necessarily fix your needs s
> where a true front end filtering system will., in many cases.. Food for thought, anyway.
>
>
>>>>
Wow...who on earth would talk you into that? Spending a bunch of money on a radio that's obsolete seven times over and
will never compete with state-of-the-art rigs in receiver quality or in any other way, rather than spending *less* money on a
today's-technology DSP that can be used on the new radio when you upgrade? Any investment you make in filtering for that
old boat anchor will never be recovered.

To each his own, I guess. I'll bet a lot of telemarketing folks would kill for your telephone number.

DB

5996. Re: yaesu FT-10 -- Dead on Arrival!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: geertj@ripe.net
Message-ID: <DJypuy.7oF@inter.NL.net>
Source record: 208440

In <4b2hnm$lqt@netnews.mis.net> jgkamm@mis.net writes:

>Just Got a New Yaesu FT-10 High Power HT
>they said it was MIL Spec. compliant!

Even mil spec equipment can be DOA. Yaesu can build equipment with
a lower infant mortality rate, but you don't like the consequences
(higher price).

Infant mortality is part of all equipment. That's what warranty
is for, remember?

Geert Jan

5997. Comparing Tiny HF (w/6m) Mobile Rigs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: rcarpen@DGS.dgsys.COM
Message-ID: <Pine.SOL.3.91.951221214049.17393B-100000@DGS>
Source record: 208441

Those posing the various questions about the new generation of tiny HF mobile rigs (some with 6 meters), should find a copy of the November 1995 issue of Radio-REF, the French ham magazine.

It includes a short comparison, mostly on specs, of the TS-50, FT-900, DX-70, and IC-706. They comment that the TS50 is still good for portable/mobile despite its age, has proven reliability, and well integrated features. They say the FT-900 is the most compete, technically. The DX-70 is the smallest but fairly complete for mobile use, but its robustness is yet to be proven. They mention the lack of strength of the connections to the removable panel, and that the rig's features are not very well integrated. They characterize the IC-706 as the newest and complete but the most complex to use.

They particularly disliked the TS-50's ineffective noise blanker and say the rcvr saturates on strong broadcast stations. They complained about the FT-900's noisy fan and that too many of its controls are on the rear. Again they comment on the DX-70's fragile cable and connectors to the front panel, its separate antenna tuner, no keyer, and inaccessible mike connector. As for the IC-706, the main complaints are complex controls and separate antenna tuner. (As an owner, I complain about its non-ham-band VHF intermod and sensitivity.)

For more info get a copy of the mag for the details, likes and dislikes.

73 de Bob w3otc

5998. Ten Tec Argo 515 ALC range

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: turner@safety.ICS.UCI.EDU
Message-ID: <24199.819590347@safety.ics.uci.edu>
Source record: 208442

Anyone familiar with the Ten Tec Argonauts and the ALC light / drive controls? I have owned several 509's and always noticed the drive went to about 10 o'clock when the ALC light was fully bright. I now own a 515 where the light is not bright until I turn the drive control to about 1 or 2 o'clock. SSB is easier, when I speak into the mike, I can light the ALC light on a lower setting, but not by much. I use the matching electret mike.

I do not have a good wattmeter, but it seems, from my eye on my meter, to be putting out about 2 or 3 watts - which is less than the 5 or so my 509's put out on a regular basis. Ten Tec had replaced the final transistors about two years ago.

I have not taken the time to search the manual yet, maybe there is an alignment procedure for final bias and adjusting the ALC control for proper settings. Anyone familiar with this?

Clark
WA3JPG

5999. Re: IC-W2 VHF shift

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: geertj@ripe.net
Message-ID: <DJypC7.6z3@inter.NL.net>
Source record: 208443

In <4b3mkl$2uu@info.epfl.ch> Mathias Coinchon <coinchon@fbwww.epfl.ch> writes:

>I have got a ICW2 (not A or E) tranceiver
>and i cannot have shift on VHF band
>but it works on UHF
>how can I do.....?
>Can we reprogram the tranceiver...?

The A, E and others are the same hardware (different aligned on
70 cm), with some diodes in the processor board changed.

Check the mod files. To make it an European version, order a
MA132K (D15) and MA132A (D22) at Icom and mount those; remove D16
if it is soldered in. Use proper ESD precautions.
These are 0102 SMD's so you should know how to work with those.

See if you can get the docs locally. If not, shout.

You should also find out if for 430-440, the wide, or the narrow
preamp is used (there is a helical preamp and a broadband one;
the broadband one is for 'scanner usage'). If it uses the helical
for 430-440, then you may have to tweak that a little to get good
sensivity down in the band.

Geert Jan

6000. Question on standard C628 & call button

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: geertj@ripe.net
Message-ID: <DJypq2.7Gv@inter.NL.net>
Source record: 208444

If anyone has a standard C628 that is not an A model, or a 628
which sends 1750 then pressing the call key, please get in touch
with me. I mod-ed my 628A, but can't get the call button to beep.

Thanks,

Geert Jan PE1HZG

6001. Help Identify this key.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: gcouger@master.ceat.okstate.edu
Message-ID: <4bcvv1$i3p@news.cis.okstate.edu>
Source record: 208445

A freind of mine brought me a key that is new to me. It is a US navy
key made by Brelco in New York. It has a namp plate that reads:
CAQZ-26026 NXsr 6008 and a serial number. It is made of Aluminimu the
base is round and about 3/16 thick and the mechenism is housed in a
dicast box. The key lever is made of a dog leg round bar
and there is a rubber seal. The wire conection is missing.

Any help appricated
Thanks
Gordon AB5DG
Gordon Couger senior software specialist
Biosystems & Agricultural Engineering. 114 AG Hall Stillwater, OK 74075
gcouger@master.ceat.okstate.edu 405 744 8392 day 625-2855 evenings

6002. Re: Wanted:A FT-530 Operators manual copy!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: tsimpson@iglou2.iglou.com
Message-ID: <DJyysG.Co8@iglou.com>
Source record: 208446

Call the factory. They should be able to get manuals. OR tell you where
you can find them
--
William Thomas Simpson
tsimpson@iglou.com

6003. FT-1000d or 1000MP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: cmatwych@pop.srv.ualberta.ca
Message-ID: <4bdas1$cji@pulp.ucs.ualberta.ca>
Source record: 208447

Which in the experience of people who have used both rigs is the better of the two ? Or can one say that one is better than the other. Any input would be greatly appreciated as I am thinking of purchasing either one or the other. Tnx & 73 Clay

6004. Re: 5$ Mod. For Dead HT Batts!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: "Michael G. Reiney/Myra Colter" <mreiney@hevanet.com>
Message-ID: <4bda43$pju@vista.hevanet.com>
Source record: 208448

Good article. There are a couple of things to watch out for. It should work fine 99.9% of the time, but I wouldn't want to be the one that's the .1%.

1)Make sure the fuse is big enough. My HT draws 1.3A on transmit. But don't leave the fuse out!!
2)The auto electrical system is very noisy. It's a good idea to put a FAT Zener on the output so when the regulator shorts, the fuse blows before the radio does. Do the math, but you might find that with all the tolerances and limits on your radio, you may have to settle for less than 12V nominal. You can tweek an LM317 to eliminate at least part of this. You'll lose the 2V regulator overhead in any case when the battery is below 14V.
3)Also a good idea to put some L-C filtering on the input to keep the regulator from blowing on a transient.
miker

6005. Date code on W.E. key- need help deciphering

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: dlr13@psu.edu
Message-ID: <dlr13.34.30DAB820@psu.edu>
Source record: 208449

I have a Western Electric/A.T.&T. telegraph key, model 1A. It is brass with a shorting bar, and has these numbers cast into the back of the base: 95 25 (or 23). Knowing that most W.E. stuff has date codes stamped on them, how do I read this one? Is it 9-5-25 or 2-5-95? Any idea when these keys were made and used? The History of Science and Engineering in the Bell System doesn't mention or show pictures of keys.

Thanks,

Doug Ripka KA3TTQ
dlr13@psu.edu

6006. Re: FT-1000D Noise Blanker

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4beg4i$hk1@usenet.continental.com>
Source record: 208450

jsutton@erols.com wrote:
>> jhill@minn.net (John S. Hill) writes:
>> I recently upgraded to an FT-1000D after my much loved and highly
>> tweaked TS-930 took a lightning hit. I have been satisfied with the
>> FT-1000D despite it not having the IRCI filters my 930 had but the
>> noise blanker seems to not function nearly as well as I expected.
>> My 930 would nearly eliminate an S-7 line noise problem, though like
>> many rigs it was succeptable to overload by strong adjacent signals.
>> On the other hand, the FT-1000D barely drops the line noise by half
This has not been my experience. With an S-9 level of line noise at my
location, my FT-1000D noise blanker completely attenuates the noise down
to the atmospheric noise floor. The source of my noise appears to be a
faulty nearby street lamp photocell circuit. In any event, the noise is
eliminated with the control setting near it's minimum position.

-Paul, N9AZ

>> an S unit. It doesn't matter whether I use the wide or narrow noise
>> blanker mode. Anyone else care to comment on their FT-1000D's noise
>> blanker performance? Thanks in advance.
>>
>>
>> John S. Hill, NJ0M
>> Product Engineer
>> Timewave Technology
>> jhill@minn.net
>>
>>>>>
>I too find the noise blanker on my FT-1000 of questionable value. I also find there is
>audo distortion with high signal levels. Do you have this problem? Other wise all seem
>very good.
>
>73/Jim/AC4CZ

6007. Re: IC 706 "Expanded 2 Meter TX" Mod, copied from Packet

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: "George J. Molnar" <gmolnar@nexus.interealm.com>
Message-ID: <30DAC9C4.33B9@nexus.interealm.com>
Source record: 208451

Anton HOLLAUS wrote:
>
> Re: IC 706 "Expanded 2 Meter TX" Mod, copied from Packet
>
> what must i do for transmit on marineband 156 mhz ?
>
> i have cut yellow wire and connect to the middle transistor and also d
> 59, but the transmitter bring only 0,001 watts !
> Please note that operation of a ham rig on the marine band is probably
illegal in Europe (it is in the USA). You can listen, certainly, but
transmission on that channelized spectrum is probably restricted to
radios having "type acceptance" for marine service, something the
IC-706 almost certainly does not have.
Your best bet is to use a designated Marine Band transceiver.
73...

--
George J. Molnar
Highlands Ranch, Colorado
Packet: KF2T@N0QCU.#NECO.CO.USA.NOAM
http://www.interealm.com/p/gmolnar/index.html

6008. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4behri$bph@newsbf02.news.aol.com>
Source record: 208452

In article <YEE.95Dec21214118@picard.mipg.upenn.edu>, yee@mipg.upenn.edu (Conway Yee) writes:

>Personally, I might just try to add DSP to the 101. I may want to try
>adding it at the IF level. The 101 has separate boards for
>everything. It might just be sufficiently interesting to take out the
>noise blanker and try to cobble out something using modern technology
>that can do the job better. Maybe I will never get around to trying
>it. Maybe I will fail. Maybe I will toast the rig with a faulty
>design. For me, such an idea might just be sufficiently interesting
>to give it a whirl.

Experimenting is a good idea, it's fun and sure helps us learn.

But DSP's fast enough to do anything at a real IF aren't cheap, and neither are the A/D converters. Expect to spend several times what the 101 cost you if you take this route.

Ham manufacturers do radio DSP by using a very very low IF. So low it's almost at audio. So it's almost exactly like audio DSP anyway!!!!

Same some headaches and do an audio DSP. If you want to improve the FT-101, remove the exceptionally crummy mixers they used in that rig and redistribute the receivers gain. If you do that, adding better IF filters will help. As it sits, the 101 is front end and mixer overload limited, not filter limited.

73,
Tom

6009. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <30DAF32F.3578@arrl.org>
Source record: 208453

WB3U wrote:
>
> dgf@netcom.com (David Feldman) wrote:
>
> >I suppose such an article is slightly better than none at all, but I
> >did think this was _AMATEUR_ radio, with learning & teaching a priority.
>
> Learning by doing, not learning by copying. Most construction articles
> don't meet that requirement, with or without source code. That's what
> technical articles and engineering papers are for.

I see many ways to learn from construction projects.

1) You can learn construction and building skills.
I think it takes a fair amount of skill to drill
a 2.66 inch hole for a 3CX800A7 432 amplifier.

(As an aside, nobody has suggested we stop
publishing such projects because there
is no second source for 3CX800s)

2) You can take the author's ideas and design an even
better version. You ought to have a huge advantage
because the author has often done the hard work--making
the first working unit. Ever notice how textbooks often
have exercises to work out on you own?

3) You can study the schematics and run calculations/simulations.
What components have to be held to high tolerances?

Just suppose we hired an expert staff to take projects done
by amateurs and totally redesigned them in accordance with
"state of the art" principles. Would this benefit amateur
radio? Is there any difference between a membership journal
and a magazine?

Zack KH6CP/1 zlau@arrl.org

6010. Re: yaesu FT-10 -- Dead on Arrival!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: kevin.jessup@mail.mei.com
Message-ID: <kevin.jessup.4.0034CF05@mail.mei.com>
Source record: 208454

In article <4b2hnm$lqt@netnews.mis.net> jgkamm@mis.net writes:

>Just Got a New Yaesu FT-10 High Power HT
>they said it was MIL Spec. compliant!
> ...It doesn't work!

And if you bounced it off your concrete driveway
it STILL wouldn't work. No change. See...it IS milspec!!

I have an FT-10R too. It arrived with a totally discharged
battery. The unit comes with a 15 HOUR trickle charger.
Try charging it over night. Actually providing POWER to
a radio increases it's functionality tremendously.

-- "Rest enough for the individual man - [but] too
Kevin Jessup much or too soon and we call it Death. But for
software engineer MAN, no rest and no ending. He must go on,
Marquette Electronics, Inc conquest beyond conquest...and when he has
http://www.mei.com n9sqb conquered all the depths of space and all the
kevin.jessup@mail.mei.com mysteries of time, still he will be beginning."
PGP encrypted Email preferred -- H.G. Wells, Things To Come

6011. Alinco DJ-G5E dual band handheld radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: jm@infocom.DK
Message-ID: <9512221304.AA01374@jens.infocom.dk>
Source record: 208455

I have a DJ-G5E also!
I like it's scanning function, easy to operate because it has big bottons.
It work fine on 1200 baud packet.

73 de OZ2JMA , Jens

6012. Re: Opinions please -- Ten-Tec Paragon II

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: gamma7@ix.netcom.com
Message-ID: <4bels4$9ah@ixnews6.ix.netcom.com>
Source record: 208456

In <4b932i$n0p@solaris.cc.vt.edu> "Gregory J. Buhyoff" <buhyoff@vt.edu>
writes:
>
>I am most interested in any opinions of the Paragon II. I have an
OMNI VI which I
>love to death. I am interested in the Paragon II as a second/backup
rig.
>
>Thanks and 73
>
>Greg KN4FR
>
>
Greg,

I have owned and used the Paragon II for almost a year and love it.
The receiver is excellent, the audio is great and puts my Japanese HF
rigs to shame. Get excellent reports on transmit audio as well.
Receiver probably not as quiet as your OMNI VI, but I still think it
outperforms mnay of the imported rigs.

Regards,

Duffy - WB8NUT

6013. Re: 5$ Mod. For Dead HT Batts!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: "Kenneth M. Gianino" <gianino@sbctri.sbc.com>
Message-ID: <4bena7$c58@sbctri.tri.sbc.com>
Source record: 208457

In article <4bcqqm$ie6@kaiwan.kaiwan.com> WA6IGJ,
cardenas@kaiwan.com writes:
>(1) Motorola *MC7812* (or similar 'three legged' POSITIVE voltage

Hmmm..... I don't know about this. A 12V series regulator with a nominal 12V input is not going to work too well. It might not even run the HT receiver if you turn the engine off. Maybe a 7808 would be a better choice and then you most likely wouldn't exceed the 1A limit of the requlator on transmit. Most HT's come with 7.2V batteries now anyway. In the past I've had great success with two or three 5A silicon diodes in series with the power lead to get the voltage down to about 12V. You can add a fuse and transient protection if you like.
-Ken

6014. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: randolph@est.enet.dec.com
Message-ID: <4bens7$f9u@mrnews.mro.dec.com>
Source record: 208458

In article <ahall-1912952222420001@tpa05.netline.net>, ahall@netline.net writes...
>homework - Do not let the SOMEWHAT cheaper price trick you into making
>a very bad purchase - The quality of the product is very poor - Go to your

Well, you had to know this was coming...

Alinco DR570 dual band, bought about 3 years ago. ZERO problems with the radio itself, which is installed in my truck. It's in a spot where the heat from the heater cooks it some, so every morning and evening these days it gets temp cycled from 10-20F to maybe 80-90F. It's been this way since I bought it. I've been inside the radio to do the so-called mod, and it's all nice clean surface mount in there. I didn't see any poor quality construction to speak of.

Now the mic is another story. Cheap piece of plastic junk. I've had to chop off both ends of the mic cord and re-wire due to intermittant failures. I guess someone at the factory yanks the crap out of the mike cords and breaks the wires inside. The hanger thingy on the back of the mic fell off, because they were too cheap to put a lockwasher, or a dot of locktite, on the screw.

The one imported brand I've seen and heard of many failures from is NOT Alinco.

==========
Tom Randolph N1OOQ NE-QRP 419 QRP-L 87 ARRL randolph@est.enet.dec.com
==========

6015. IC 706 "Expanded 2 Meter TX" Mod, copied from Packet

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512221708.AA09788@shelob>
Source record: 208459

Auto,
Sorry no VHF tx mod available, Icom locked this out internally
in their CPU. Enjoy you rig and get a marine radio for the boat band.
73
Mike

6016. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: Thomas Brockdorf AA9IS <tbrock@execpc.com>
Message-ID: <4bep23$m7e@daily-planet.execpc.com>
Source record: 208460

ahall@netline.net wrote:
>Please - take some advice - if anyone is considering purchasing
>a radio for the holidays do not buy an Alinco without some serious
>homework - Do not let the SOMEWHAT cheaper price trick you into making
>a very bad purchase - The quality of the product is very poor - Go to your
>local dealer and take a look at the workmanship of a ICOM vs the
>Alinco
>
>Ask some experience ELMERS about the Alinco track history
>(it has not changed in the last couple of years) - The mechanical and
>electrical design of these radios are very poor - It is worth the extra
>money for the better quality and support. A couple of years after the
>purchase you will be a much happier person.
>
>Just venting some emotions about Alinco products after a friend
>was considering a DR 600 mobile (the ad and price where nice) - I did
>convience him of NOT making the purchase and he bought a Kenwood
>
>Good Luck
>Armond Hall
>AC4NL

I strongly disagree with you on your opinion on Alinco.
I have owned an Alinco DJ580T HT for over two years now. I take
it everywhere with me. I have never had a problem with it, and
find it to be an excellent radio. It is one of the most intermod
resistant radios around. I have never picked up pager
interference on it, like some of my other radios. It also has
excellent rich sounding audio. It also included features that you
must purchase separately on other radios (CTCSS decode ect).

73 de Thomas AA9IS

6017. IC 706 "Expanded 2 Meter TX" Mod,

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512221719.AA09879@shelob>
Source record: 208461

Date: Sun, 17 Dec 1995 10:35:27 +0000
From: 0803127852-0001@t-online.de (Anton HOLLAUS)
Subject: IC 706 "Expanded 2 Meter TX" Mod, copied from Packet

Re: IC 706 "Expanded 2 Meter TX" Mod, copied from Packet

what must i do for transmit on marineband 156 mhz ?

i have cut yellow wire and connect to the middle transistor and also d
59, but the transmitter bring only 0,001 watts !

vy 73

Anton,
Enjoy your Icom IC-706, the Yellow wire mod to the
switch bank mod is very good!
As far a a VHF tx mod, there is No mod, Info from Icom
said that Icom locked this out from their CPU. I would get
a marine radio for that purpose. Have a Happpy Holiday
and enjoy your IC-706.
All the mods you did are the only ones that work!!
73
Mike

6018. Yaesu FT-51R Major Mod

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: daneke@interserv.com
Message-ID: <4beotn$l3k@lore.interserv.net>
Source record: 208462

I assume no responsibility for this information.
Modifying your radio involves risk and will void your warranty.
Modification involves desoldering two microscopic joints.
Transmitting outside the bands is ILLEGAL
This modification clears all memory from your radio. SEE BOTTOM.

I have modified my radio to recieve from 60 to 999 mhz. It will also transmit
through much of this area, but doing so is illegal!!!

Instructions:

Remove battery.
Remove 6 screws holding bottom cover.
Remove battery latch.
Loosen 4 screws holding outer case together.
Remove lower cover.
Unfasten ribbon cable and secure with tape.

There are three joints soldered on jumpers. You will remove the bottom two.
Desolder lower two jumpers from jumper pad located just above where
ribbon cable attaches.
Leave upper jumper intact: Probably for European models.
Reconnect ribbon cable.
Re-assemble radio.

Hold down UP and DOWN Volume and CALL buttons while pressing power.

The display will read "BAND 1"

Hold FM key down until F key blinks.
Press BAND key several times until it reads "BAND 7"
Press FM key again. It will stop blinking.
Press CALL button.
Radio will shut off.

Modification is now complete!

You must now program your radio again. I suggest using R-T systems
software to keep the old frequencies.

If you use the software you will need a template for band 7.
Before the modification, upload all frequencies to a file.
After modification load the empty radio to a file and name BAND7.
Now open your old file.
Choose "USE TEMPLATE" and choose BAND7
Send the date to the radio as usual.

6019. FT-530 NI-MH battery pack

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: Jim Higgins <j.higgins@parrett.net>
Message-ID: <30DAE9B0.3270@parrett.net>
Source record: 208463

Does anyone know of someone who makes NI-MH battery packs for the
FT-530?

--
"The strongest reason for the people to retain the right
to keep and bear arms is, as a last resort, to protect
themselves against tyranny in government."
-Thomas Jefferson

6020. TS-870 Comments

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: Harrington.Ed@mail.ndhm.gtegsc.com
Message-ID: <Harrington.Ed-2212951128080001@157.176.66.29>
Source record: 208464

Please send/post comments on your experience with the new Kenwood TS-870!!
Thanks and 73s,
Ed--AA1IN

6021. Re: Kenwood TS-940s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: mai@iquest.net
Message-ID: <DK01Fs.3ov@iquest.net>
Source record: 208465

ga19989@evax01.d51.lilly.com wrote:
>In article <4b78p1$c6j@news.theriver.com>, asken@theriver.com (Ken Fredstrom) writes:
>> Does anyone have or ever used the IF-232 unit with the 940? It allows
>> computer control of the 940. I am thinking of getting one if I can
>> find it and it is worth the effort.
>> KEN-WB7NEX
>>
>>
>
>I recently was told by the Kenwood rep t a hamfest that the computer interface
>you want for the 940 is the IF-10B. They were out of production for a long time
>but recently Kenwood ran another batch of them.
>
>Mel KJ9C

To all regarding the IF-232 & IF10B combo for the TS940's: The IF-232 box is an easy to do homebrew line/level converter.
This can be a good evening or weekend project, using a single chip. The most chellenging part is the mechanics of mounting
connectors and a pot! I think most anyone can save a hundred bucks rolling your own!

The IF10B is a different story! It's not that the IF10 does any magic that can't be handled by most handy hams with a data book
and soldering iron - its the fact that this option is a small PCB asnd a NEW EPROM that is required to get the proper information
out of the radio so it may be controlled via the computers RS232 port. The IF10B has been a ore point with many for two reasons;
1 - its a handful of simple parts (8251,7404,4040 ic's,) and 2 - Kenwood never expected many to want to control this rig via cpu!
This unit was designed about the same time computers were 'growing up' and while the control was possible, no one expected
cpu's to be used in the shack like they are.

Don't forget that you'll also need software once you gain rig control! Check the shareware and QRZ cd's - lots of stuff available.

Enough history - I've just been getting email requests for info and thought if it were posted others might save their mailings.

If you need a IF10B and can't find one on the swap nets, etc, email me - I have a few available. For the RS232 box, see August(?)
1993 QST for an excellent detailed article about building your own for any of the major radio brands going.

MERRY CHRISTMAS TO ALL WB9IQI PATRICK

6022. Re: IC-706 Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512221950.AA09959@shelob>
Source record: 208466

Mike,
I've complained enough about the rotten intermod performance of my
IC-706 that it is back at ICOM-USA. They keep repeating that I am the
ONLY person who has complained about this problem.
The technician phoned yesterday to say that his measurements showed my
unit to be well within sensitivity spec. He also suggested that I engage
the preamp for better FM BC performance! He clearly hadn't read (or
understood) my letter taped to the box. Their engineer is out until
Tuesday, and HE understands my complaint.

With that as background to the tech's understanding, now to the filters.
The technician insisted that the same filters were used all the way from
60 to 200 MHz. I doubt it. He knew of the cut-the-wire mod to improve
high-VHF sensitivity, but implied that it increased intermod problems.
You do know that ICOM will send you a diagram if you ask, I'm waiting for
mine. The tech said that ICOM-USA just received the diagram very recently
themselves. The tech also said that the first IF of 69-70 MHz IF is so
broad that it doesn't need retuning for the two freqs; the reason for the
intermod at the second mixer.

73 de Bob w3otc
Bob,
I think your right, this receiver is a double down conversion,
when the first RF to IF downconversion takes place, the 1st LO
LO to IF isolation is about 20dB, this LO leakage, along with the
desired IF drive the next IF amp into saturation, allowing the FM BC
to fall in as a higher order image into the 2nd mixer.
Note that when lisenting below 129MHz, if you switch the preamp light off
to black, you reduce the total RF to IF gain at this point, bring the
receiver IF out of saturation. Note no change in receiver sensitivity, but
a big reduction in the IM products(images) that fold in from BC FM.
After you do the yellow wire mod, connect it to VCO switch bank, when using
the 118-129, switch the preamp light from green to black, then you won't
saturate the IF.
Just because the S-meter is jumping up and down, does not mean the receiver is more
sensitive at your desired receive Freq, it means more IM products(mixes),
images can fold into the istIf to then fold into the 2nd IF of the radio.
They should have had a sharper 1st IF filter to prevent LO from overdriving
the RF to IF chain from that point. Really would attenuate the 1st LO leakage
in the 1st IF at 69-70Mhz.
For right now green to black(RF to IF gain) from an operational standpoint
in the 118-129Mhz. I would have designed a sharper 1st If filter, since
I design alot of radio's where I work.
73
Mike

6023. Re: IC-706 Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512221956.AA09963@shelob>
Source record: 208467

Bob,
Your right on a narrowe 1st IF Filter would do it.
I amazed they did not get the narrower filter from Murata!!!

Mike,

I've been collecting the various mod posts from the ham-equip group, so
am aware of them.

My second letter to ICOM-USA said that I thought that most of the
IC-706's problems were designed in, but was willing to give them a chance
to improve things. Clearly the tech who talked to me on the phone is WAY
over his head. Tom Snellings, their main engineering fellow, probably
understands more, but won't be back until Tuesday. I won't be back until
about Friday.

I see the main causes of my problems as follows:
> 70.8 MHz channel 4 color subcarrier gets into the 70.7 MHz WBFM
first IF and into the WIDE FM BC second IF.
> Many local FM BC stations differ in frequency by 10.4 11.0, and not
so local by 10.6 and 10.8 MHz. It seems that all these pairs get through
the VERY WIDE 70 MHz first IF to mix in the second mixer and be heard
everywhere in the FM BC band.
> Two pairs of one local, one "about 1 mV", FM stations differ by 9.0
MHz, exactly the narrow-band first IF.
> The WB FM 10.7 MHz IF bandwidth is something like 500 kHz with very
wide skirts. Couldn't ICOM afford $1 Murata ceramic filters?
The yellow-wire mod would, as you say, seem to help the higher VHF
frequencies. I don't see a filter-bank mod helping the FM BC intermod.

I would recommend your effort to be the simpler(?) one of narrowing up
the first IF to no more than 200 kHz wide and tune it to 69 or 70.7,
depending on the mode. This would greatly relieve the intermod stress on
the second mixer. A brute force tracking antenna filter might be nice,
but I suspect that simpler actions could greatly improve things.
I'd also guess that the injection to the second mixer may be marginal,
hurting its overload characteristics. Since they double the first
injection osc for the upper parts of the band, one might guess its level
to be marginal as well.

The IC-7000 was no great shakes as an FM BC receiver either.

Tnx for your comments,
bob w3otc

6024. Re: TS850 slope tune with CW filter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: cph@zurich.ai.mit.edu
Message-ID: <cph.819663428@slip-cph.lcs.mit.edu>
Source record: 208468

From: krisn3rqt@aol.com (Kris N3RQT)
Date: 18 Dec 1995 22:12:58 -0500

When I added the YK-88C-1 500Hz CW filter to my TS850 the slope tune no longer behaves properly. The high cut cuts way too much and the low cut is completely ineffective.

Is this normal behavior? Is the slope tune supposed to be useful for CW when optional filters are in place?

The YK-88C-1 is for center frequency 8830KHz (1st IF). This is currently the only optional filter in the rig.

TNX.

This is completely normal behavior. Slope tune works by adjusting the local-oscillator frequencies, in effect shifting the IF center frequencies. Since the IF filter does not change, this has the effect of shifting the IF passband. When you have two IF filters in line, the overall effect is that the intersection of the two passbands is the total passband for the receiver. As you shift the filters more and more, the total passband is reduced until it there is no intersection.

The individual slope-tune controls each shift a different IF passband. Thus, if you put one CW filter in, then the slope-tune control corresponding to that IF will change, while the other control will remain the same as before. If you put both CW filters in, then both slope-tune controls will change.

6025. Re: IC-706 Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: James Garland <garland@ohstpy.mps.ohio-state.edu>
Message-ID: <4bf3ok$p19@pacific.mps.ohio-state.edu>
Source record: 208469

On the subject of intermod problems with the IC-706, here's a strange problem I've experienced with mine. When listening to 75m SSB one afternoon (nighttime listening to 75m SSB takes a stronger stomach than I have), I heard a strong S9 pattern of distorted audio that seemed to be coming in on an IF frequency (i.e., it was all over the band). The signal was somewhat weaker on 40 meters and had nearly disappeared on 20 meters. Eventually I traced it down to an A.M. broadcast station at 1220KHz. The signal was so distorted it took me a while to figure out where it was coming from. I finally identified the station when I switched the 706 into the W-FM mode, which inexplicably cleaned up the signal enough to make it intelligible! My FT1000D showed no interference at all.

Normally, I use an antenna tuner on 75 meters, but on that afternoon I didn't bother. Switching in the tuner eliminated the problem, presumably because of the additional selectivity it provided. Switching in the 20db attenuator also cleaned up the problem. With the 20db preamp on the radio was unusable. In any case, the 706 seems extremely sensitive to BC band overload, and somehow the wideband fm demodulator detects the am signal. My 706 has the "yellow wire" mod, though I doubt that affects the hf performance.

Jim W8ZR

6026. Re: IC-706 Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512222150.AA10016@shelob>
Source record: 208470

Reguarding the 70Mhz IF filters for the 1st IF
Toko America Inc ., has some real great 70MHz 1st IF
filters which I have ordered to play with in my IC-706.
the Toko 7KLT Triple Tuned filters can be configured as
High pass, Low pass , or bandpass over frequencies
10-150MHz.
Another 70MHZ filter is the 5CCEW and 5CCET from Toko, but
they are 15MHz BW, which are too wide!!
If anyone knows of any other <0.5MHz BW filters at 70MHz,
let us know here on the newsgroup.
I hope your starting to get the idea now, whats next!!
Some of these are only 400KHz wide and can be tuned, modified
to 70MHz for the narrower BW than their typical 20MHz wide 70MHz
filter!!
Well that's my plan so far, we will keep you informed, but I think
this will take care of all the FM BC problems!!
73
Mike

6027. RE: IC-706 Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512222134.AA10013@shelob>
Source record: 208471

Thought you might like this, fowarded to you.
73
Mike
Receiver Front-End Filtering, 60 - 200 MHz

The IC-706's receiver front-end filtering above 60 MHz is rather simple. Coming in from the antenna there's a low-pass filter, which's shared by the transmit signal path (I've done no calculations yet on that filter). After that we come to the following two possibilities.

When the radio is operating on the 2 Meter Band (144 - 148 in the U.S.) a bandpass filter is in-line. It consists of a two singly-tuned transformers, with a 0.79 pF coupling capacitor between them. (Can there really be that small a capacitor? Sounds more like 'stray' coupling than a discrete component, but the schematic shows it as an actual part) The schematic provides no tuning or alignment data, so I must assume that ICOM has the coupling capacitor, and transformer tuning, set for slight over-coupling, to produce a somewhat 'flat-topped' response across the 2 Meter Band.

ANYWHERE OUTSIDE THE 2 METER BAND (this only applies above 60 MHz of course), and the 'filtering' consists of a low-pass/high-pass filter combination. I'm certainly not a 'modern filter' design theorist. I can figure basic Poles & Zeros, but not much beyond that.

Several people have reported the IC-706's receiver sensitivity dropping-off rather abruptly up around 165 MHz. When I squinted really hard at the schematic (6's and 8's tend to blur together), and 'punched some numbers' into my little calculator, here are some of the figures that I got:

Coming in from the antenna, the receive signal hits a parallel LC pair (82 nH & 12 pF); I figure there's a Pole at 160.44 MHz. There are also 20 pF cap's, on either side of this section, going to ground, but I don't know how to 'handle' them. (Yea, I know it's some sort of Cauer/elliptic filter, but that's all)

Next the signal goes to a parallel LC section of 68 nH and 20 pF, that I believe produces a Pole at 136.47 MHz. There's either a 10 or an 18 pF capacitor on the output (leaving this LC section), but the schematic's too blurry to make out which.

Now the signal hits the high-pass filter section. In series there are capacitors of 24, 22 and 27 pF. Between the 24 and 22 pF caps

is a series LC circuit to ground of 220 pF and 0.15 uH, although the inductor's figure is very hard to read. My calculator tells me that series resonance (a Zero) should occur at 27.71 MHz. Then, between the 22 and 27 pF capacitors, there's a series LC of 82 pF and 0.18 uH, which should produce a Zero at 41.43 MHz.

Logically, the result of this low-pass/high-pass filter would seem to be a response that falls off rather quickly somewhere a bit above 41 MHz (the upper of the Zeros in the high-pass section) as you move down in frequency, and somewhat below 136 MHz (the lower of the Poles in the low-pass section) as you go up in frequency.

Once the receive signal gets through either the 2 Meter bandpass filter, or the 'everywhere-else' low-pass/high-pass filters, it goes to a preamp, followed by a low-pass filter (I haven't tried to work-out its characteristics yet). It appears that it's right at that preamp that the 60 - 200 MHz receive signals 'meet-up' with the signal flow that's followed by the HF and 6 Meter signals. Those signals have gotten to the preamp via a completely different path, but I won't cover that now.

Some Very Simple Synthesizer Comments

The "yellow wire" modification, much talked-about, seems to have an 'advanced-option', where some brave persons have managed to pick-up a control voltage on a tiny surface-mount transistor on the synthesizer board. In the discussions on this subject, it appears that there is a misconception about what that transistor does.

The IC-706's synthesizer uses (among other things) two VCO's. The two VCO's can have either their direct output used, or there is also a frequency doubler circuit available. "VCO 0" (zero) is used on its fundamental up to 29.999999 MHz. At 30.000000 MHz "VCO 1" takes over, and is used up to 59.999999 MHz. At 60.000000 MHz, "VCO 0" takes over again, but goes through the doubler circuit. "VCO 0", with its frequency doubled, works up to 128.999999 MHz. At 130.000000 MHz, "VCO 1" takes over again, this time with its frequency doubled, and that's what's used up to the 200.000000 MHz upper-frequency limit of the IC-706.

Now, the output of these VCO's, either the fundamentals, or the first harmonic (2 X fundamental), go through a bank of filters (the IC-706 is 'oozing filters'; they're all over the place). Between 0.03 MHz and 29.999999 MHz, a low-pass filter is used. Between 30.000000 and 59.999999 MHz, another low-pass filter cuts-in. Between 60.000 and 128.999999 MHz a high-pass/low-pass filter pair is used. Between 129.0000 and 143.999999 MHz ...AND BETWEEN 148.000001 and 200.00 MHz another high-pass/low-pass filter combination is used. BETWEEN 144.000000 and 148.000000 MHz, a separate band-pass/low-pass filter set-up is used.

It is because of this mixture of synthesizer output filters that people have been able to find that transistor, to hook the famous "yellow wire" to. That transistor is one of several, that switch the appropriate synthesizer output filters in-and-out of the circuit.

- End Of Discussion -

6028. Wanted Motorola MFC 6070 i.c. chip source?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: eugene@loop.com
Message-ID: <4bf8bc$fed@dobie.loop.com>
Source record: 208472

Looking for a source for a Motorola MFC-6070 I.C., to fix my Cushman Service Monitor CE-6, does anyone know where to get these
older I.C.'s. Joe Orrico WB6HRO eugene@loop.com

6029. IC-736 MODS Wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: rblood@ibm.net
Message-ID: <4bf7oi$13sc@news-s01.ny.us.ibm.net>
Source record: 208473

Please, please please, any mods yet for the great ICOM IC-736?
Thanks...

6030. Re: IC-706 Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: aust@gandalf.sp.TRw.COM
Message-ID: <9512222156.AA10019@shelob>
Source record: 208474

Bob,
Forgot to mention.
Toko America address:
Toko America, Inc
2480 N. 1st Street , Suite 260
San Jose, CA 95131
Tel:408-432-8281
For 70MHz IF filters at different BW's
73
Mike

6031. Re: 5$ Mod. For Dead HT Batts!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: bob.albert@ledge.com
Message-ID: <8B76310.01B40038B5.uuout@ledge.com>
Source record: 208475

Tony, that will work, but there is one thing wrong. Don't tell people to dispose of their dead HT batteries! They should send them to me, as I can bring them back to life. I have done so many times, and don't need to go through building a power supply.

Incidentally, if the HT can't handle 12V, just get a regulator with a lower rating; they are available in many values.

73 DE K6DDX

6032. Re: IC 706 "Expanded 2 Meter TX" Mod, copied from Packet

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4bfb39$io5@crow.cybercomm.net>
Source record: 208476

aust@gandalf.sp.TRw.COM (Mike Aust) wrote:

>Auto,
> Sorry no VHF tx mod available, Icom locked this out internally
>in their CPU. Enjoy you rig and get a marine radio for the boat band.
>73
>Mike

Nice job Icom...How about us VHF Mars operators..

Steve, WA2NHZ

6033. Re: Where to get crystals?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4bfg6f$dnh@news.service.uci.edu>
Source record: 208477

In article <4b3rq5$p7m@mksrv1.dseg.ti.com>, QRP%mimi@magic.itg.ti.com says...

>Try JAN crystals at 1-800-JAN-XTAL. Ask for free catalog.
>I've dealt with them for years. Never been disappointed.

>73, Dean KC5NG

Can also try:

Wolf Ent. at (406)252-9220

D.W.Thomas at (714)892-3234 OR (800)800-9625

Cal's Crystals (714)991-1570

6034. Mod. Info needed Icom R-71a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: brasshat@aol.com
Message-ID: <4bfij2$oak@newsbf02.news.aol.com>
Source record: 208478

Icom R-71a
Display Mod. is needed - Sometimes it does not come on or you only have one or two numbers.
Looking for any and all upgrades and mods.
73 W6UV Gary

6035. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: "C. J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <30DB7888.64B@aries.scs.uiuc.edu>
Source record: 208479

Zack Lau wrote:
>
> WB3U wrote:
> >
> > dgf@netcom.com (David Feldman) wrote:
> >
> > >I suppose such an article is slightly better than none at all, but I
> > >did think this was _AMATEUR_ radio, with learning & teaching a priority.

stuff deleted

> radio? Is there any difference between a membership journal
> and a magazine?
>
> Zack KH6CP/1 zlau@arrl.org

Yes that's the question that some of us have been adressing. I think that a membership journal does not publish an ad including the construction manual for a kit for a commercial enterprise. I think that the authors are fine fellows, and that the ARRL is a fine organization, but you put your finger on it.....you are running a magazine.

--

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

6036. R-725 (R-390A Variant)???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: n5off@aol.com
Message-ID: <4bfmc0$pkm@newsbf02.news.aol.com>
Source record: 208480

Anyone know the story behind the R-725.

It is basically a R-390A with the IF deck from a 390, and an extra oven on the PTO.

These were sold by Arvin and Servo to the military for DF work.

Anyone know the technical reasons behind these modifications? Why not just use the R-390A?

Thanks,
Tom N5OFF@aol.com

6037. FT-980 CAT PROGRAM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: bmitchel@kodaki.kodak.com
Message-ID: <4bf4ai$ig8@kodak.rdcs.Kodak.COM>
Source record: 208481

Hi all, I have an FT-980, and I have the k5yef program, but
can't seem to get it to work. I made the interface, and rx data and
tx data are going both ways, and appropriate levels. It put's the
transceiver in external mode, then it craps out.

Any ideas? Any programs with source code?

73 Brad WB8YGG
P.S. e-mail any responses to bmitchel@kodak.com
Alos, I have full ftp , modems etc if you know
of a site that has a program. Thanks, Brad WB8YGG
.

6038. Re: Mod. Info needed Icom R-71a

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: rhyolite95@aol.com
Message-ID: <4bfr4v$rld@newsbf02.news.aol.com>
Source record: 208482

We have an R7000 with same problem. Icom blames a capacitor in the invertor that drives the VFD. (vacuum flourescent display) check that first. Let me know what you find. I would like to know before I open ours up.

6039. Re: WTB: heathkit, lafayette, allied catalogs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: cmatwych@pop.srv.ualberta.ca
Message-ID: <4bdbj2$cji@pulp.ucs.ualberta.ca>
Source record: 208483
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.shortwave

In article <4aqvdk$u4a@ferengi.prismnet.com>, bwilder@reallink.com
says...
>
>looking to byt heathkit, allied electronics, lafayette catalogs from
1955
>thru 1965. if you have any laying around, please let me know.
>
>bobby wb5wur
>
I have several Heath catalogs .....Clay

6040. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: yee@mipg.upenn.edu
Message-ID: <YEE.95Dec21214118@picard.mipg.upenn.edu>
Source record: 208484

This is NOT A FLAME. I am prompted to follow-up because of the underlined portion the response from dtburr@mcs.com. Just food for thought.

Rick Tressler <RT0@GANET.NET> writes:
>I did some basic investigation into the fesibility of using a DSP with
>my old FT-101E. After talking to numerous folk regarding the
>effectiveness and cost comparison, I decided to upgrade the radio,
>rather than dump a lot of money into an audio filter, which is
>basically what these devices amount to. If you have a rig with a
>crummy IF stage, a DSP may not necessarily fix your needs where a
>true front end filtering system will, in many cases. Food for
>thought, anyway.

dtburr@mcs.com replies:
>Wow...who on earth would talk you into that? Spending a bunch of money
>on a radio that's obsolete seven times over and will never compete
>with state-of-the-art rigs in receiver quality or in any other way,
^^^^^^^^^^^^^^^^
>rather than spending *less* money on a today's-technology DSP that can
>be used on the new radio when you upgrade? Any investment you make in
>filtering for that old boat anchor will never be recovered.
>
>To each his own, I guess. I'll bet a lot of telemarketing folks would
>kill for your telephone number.

I feel that I HAVE to reply to this one as I am the one in the process of buying Rick's FT101E :)

First of all, according to Rick's own post, nobody was trying to talk him into buying ANYTHING. He was just getting advice. Telemarketers might not want Rick's telephone number simply because he gave a bit of thought to the idea of buying a DSP to upgrade an existing radio before making a decision. Telemarketers want sheep. Also different people put different values to the same thing. I might think of a diamond as a waste of good coal but others value it highly. To each his own.

Ham radio is a VERY wide field with room for a lot of interests. Some people are interested in old boat anchors and other people are not. Some people are interested in tweaking the maximum performance out of old boat anchors while others are interested in the latest rigs with all the latest bells and whistles. Money isn't always the sole criterion.

For me, the 101E has a lot of features I prefer in a rig. I like to maintain my rigs myself. The 101 series has no proprietary parts that I can find. If I blow anything, I can usually go to Radio Shack and buy a replacement part. The 101 uses older technology and larger components that I can get at without reaching for my microscope. Can anyone say that about any rig currently out on the market?

Also, the 101 is no longer the hottest thing on the market and no longer commands a premium price. I can experiment and try out my ideas about "improving" the design without worrying about toasting my $5000 rig. If I toast it, I can easily purchase another one at a reasonable price. Isn't experimentation part of what ham radio is all about?

Personally, I might just try to add DSP to the 101. I may want to try adding it at the IF level. The 101 has separate boards for everything. It might just be sufficiently interesting to take out the noise blanker and try to cobble out something using modern technology that can do the job better. Maybe I will never get around to trying it. Maybe I will fail. Maybe I will toast the rig with a faulty design. For me, such an idea might just be sufficiently interesting to give it a whirl.

Yes, I may eventually sell the 101 I am buying from Rick and the 101E is obsolete seven times over. I may find a hybrid rig that performs better than the 101 (any ideas on this?) but I will probably always keep an obsolete hybrid around. Tube finals which are MUCH more forgiving than MODERN transistors. This has benefits which I am interested in. Tube finals are a lot cheaper than transistor finals. Unfortunately, they don't tend to last as long if 50 ohm loads are assumed but are much more flexible on loading up on anything available [like lightbulbs!]. Between the inexpensive nature of such rigs and the flexibility in matching antennas, I think that hybrids are very useful during field day. If I toast the 101 during a freak shower, I can try to fix it but I certainly won't have to cry over losing a multi-thousand dollar investment.

Finally, the 101 has specific features that I enjoy. It has a dual power supply built in so I can power my rig on basically any power source available: AC or DC. If I recall correctly, I might also be able to wire up a power plug to choose between 220AC and 110AC. [I have never had an excuse to take advantage of this so I am not sure.] Can any modern rig boast of this?

I will probably end up buying a solid state rig one of these days but unfortunately it will probably have to be yet another obsolete rig. [Maybe the TenTech Corsair II?] I am not interested in a rice box that is not maintainable by the end user. I want a rig I can maintain myself. A good service manual is essential. I don't want to be tied down to a single source supplier so no proprietary components allowed. Even if an off-the-shelf component is discontinued, I stand a fighting chance of locating new component from existing stock but if Kenwood/Yaesu/Icom runs out of their proprietary IC, the show is over

if I can't find a dead rig to cannibalize. Can any modern rigs boast of this? Unless I am mistaken, even the much vaunted TenTec contains proprietary EPROMS.

I may sacrifice a bit of the latest receiver performance but I think I gain quite a bit from a boat anchor that is obsolete seven times over. Remember CW is also obsolete seven times over but a lot of folks derive a lot of joy from it.

In this post I have written quite a bit about the kind of HF rig I want. Advice on other rigs which fill my requirements is appreciated.

Incidentally, I had to reformat the post before following up on it. Please try to keep 72 character lines as per Nettiquette.

--
| 73 de Conway Yee, N2JWQ | DON'T
| EMAIL : yee@mipg.upenn.edu | TREAD
| TELEPHONE : | ON
| FAX : | ME!

6041. Wanted - OHR Wattmeter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: Roy Boggs <rboggs@pcc-uky.campus.mci.net>
Message-ID: <4bdeha$er5@ns.campus.mci.net>
Source record: 208485

Anyone who has an Oak Hills Research QRP wattmeter for sale, let me know
Contact me : rboggs@pcc-uky.campus.mci.net

6042. Yaesu Ft-8500 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: gottria@aol.com
Message-ID: <4bdgig$3h1@newsbf02.news.aol.com>
Source record: 208486

Looking to buy this radio and was wondering if it modifiable and what are the new rangers would be? And any comments about the radio would be great.

Greg
KE6PTP

6043. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: Garry Foster <gmfoster@epix.net>
Message-ID: <4bcv7v$g1l@guava.epix.net>
Source record: 208487

Paul Christensen <paulc@jax.se.continental.com> wrote:
>Ed:
>
>I applaud the league's editorial staff for including the article. Anyone
>who takes the time to learn the skills necessary to write and program a
>microprcessor's code will appreciate the author's desire to keep it
>proprietary if he/she so desires. Oftentimes, many hours of painstaking
>detail goes into programming source code. Additionally, there is
>nothing to inhibit the ambitious and determined amateur from learning and
>writing their own code and sharing their experience with others.
>
>-Paul, N9AZ
>
>
Well this is what I really don't understand. I have seen this attitude many times over the last few years and am totally baffled by it. Why is the ability to write software held in such high reguard while the ability to design a reciever is so simple its not worth protecting. I mean it takes a great amount of skill to just write an article for this type of journel, that is readable and understandable by the masses. Now if one goes to all the time and trouble to create an article that can make the diffucult easy then maybe it should be presented in an encoded format so that others can't learn from its publication. I know you will say silly example but whats the real difference?

Back when logic was a black art some would use a simple 7400 in a kit and then scratch off the part numbers. This was to protect thier investment of time and work in "Creating this circuit". However QST would never have considered this type of kit for a construction article. And I really can't see the difference between the two. This makes at least two major articles of this type in the last few months. Actually I fear that its more an indication of what the staff thinks of the average amature's skills than anything else. Or maybe too many of them have no understanding of controllers, and don't really understand the handicap they are putting on some of the membership.

It was a great article but if you were going to modiy it wouldn't a phase detector be in order? And one would sure have to say the kit price is reasonable. One thing for sure the author isn't trying to get rich off of it.

One other thing; how many of you have went back 10 years and pulled a construction article? I know I have and I doubt the part will be available from the author 10 years from now.

Garry(WB0NNO)

6044. Problem with Yaesu FT-51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: ctbaker@burrito.engr.ucdavis.edu
Message-ID: <4bdncd$t3s@mark.ucdavis.edu>
Source record: 208488

I just got my 51R back from Yaesu after they performed the 15 kHz upgrade and tried to hook it up to a power supply and ran into a problem. I have the left bank set top 2m and the right bank to 70cm and both VFOs are set to A (though the problem exists no matter what VFOs are used). I am using the Yaesu DC Adapter/Charger model E-DC-12 and a Diawa PS-50TM power supply and interfacing the two using the cigarette plug in the power supply. I am using the FNB-38 battery to power the Yaesu. When I transmit on the 2m band I get interference coming across on the 70 cm band and the voltage drops on the power supply. I do not have any problem transmitting on the 70 cm band. When I run the radio just using the battery instead of the battery, power supply, adapter combination I do not have any problems.

Any ideas?

Thanks

Chad / KE6ZTC

6045. Mods for Uniden/Bearcat 50XL ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: radlink@vossnet.co.uk
Message-ID: <4bfb20$2gf@serv4.vossnet.co.uk>
Source record: 208489

Has anyone any info on mods for the Uniden/Bearcat 50XL?

Whether it be for frequency coverage (would like to get around
the 174MHz band for UK Radio Mics), or for other enhancements,
I would be interested.

Cheers,

Andy Swain (G8VYO)
radlnk@vossnet.co.uk (Temporary access)
aps@mobicom.demon.co.uk (Regular address)

6046. Re: Is Kenwood loosing it or what?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4bdr18$sns@hawk.pix.za>
Source record: 208490

I had a TS690S for quite a few years. Never had problems ! Really a nice and solid rig. What do you guys mean by solid ?

73 danie zs6awk

6047. Need specs for IC820H dual bander

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: Danie Brynard <danie.brynard@pixie.co.za>
Message-ID: <4bdr75$sns@hawk.pix.za>
Source record: 208491

Can one find more info ie specs, writeups etc on the ICOM IC820 on
the Internet somewhere ?

Perhaps an electronic brocure or ad ?

(IC820 = 2m/70cm all mode)

6048. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819716684.9118@pinetree.microserve.com>
Source record: 208492

galen@lamar.ColoState.EDU (Watts) wrote:

>My friend has a Kenwood dual band, a 731 I think.
<<snip>>
>I was aghast at the poor cleaning of the finished circuit boards,
>there was flux everywhere.

That's interesting. Their audio gear was like that too. I wouldn't
think the two lines would be produced at the same plant. Maybe
they leave the flux on for extra insulation? ;)

73,
Jack WB3U

6049. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819716911.9118@pinetree.microserve.com>
Source record: 208493

stever@raven.cybercom.com (Stephan Rashkin) wrote:

>...I will not buy another Kenwood and pay for their mistakes...

I have one I'd like to sell. If you're interested, I'll throw
the mistakes in for free. :)

73,
Jack WB3U

6050. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-22 00:00:00 UTC
From: hduff@humnet.humberc.on.ca
Message-ID: <8196421006301@lss.humnet.humberc.on.ca>
Source record: 208494

> Now that I've actually seen the article, I have no problem with what
> was done. The article gives enough information to make a version of
> the tuner, with nothing but the information given, if you're
> knowledgeable enough about microcontrollers. In fact, you could
> control the whole thing with a PC if you wanted. It wouldn't be too
> hard to make connections to the PC board where the processor would
> normally be, and connect it to a different processor. I can envision
> one of these with a PDP-10 controlling it, since I am of that
> generation.
>
> I think the keyer project that was the previous cause of these flames
> was much more of a "review of the kit" type, since no hint was given
> about the internal workings of the unit. QST has also had other
> articles that did provide the source listings, not in the magazine,
> but available in other ways.
>
> 73, doug
>

The question still remains...Why is the source code not being made
available ? The ARRL normally requests that project code not be
witheld as proprietary. They can make it available through their
BBS, FTP or WWW site if it cannot be accomodated in the article.

Sure, another micro could be retrofitted but why bother when you can
drop in the proper part ? I have access to HC11's and a programmer
so why shouldn't I have the option to do it myself ? Furthermore, I
might want to use the existing code and make improvements or changes
that accomodate my own needs.

The only reason I could imagine the author witholding the source code
is for personal gain. I appreciate that he may have spent hours
developing it and wants to be rewarded for his efforts however that
would turn this project into a business endeavor, not a hobbiest
offering like I thought it was supposed to be.

I hope the ARRL continues to stress the importance of supplying source
code with computerized projects that appear in their publications.
Just my opinion.

Hugh Duff VA3TO Toronto

• NFX v1.3 [000]

6051. Re: Ten Tec Centurion Amp Comments

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: Greg Buhyoff <buhyoff@vt.edu>
Message-ID: <4bh52q$746@solaris.cc.vt.edu>
Source record: 208305

sassano@pcnet.com (Felix G. Sassano, M.D.) wrote:
>
> John:
>
> You may want to consider looking at the Ten-Tec Hercules II - solid state
>

I agree! The Hercules II is a great amp!
I have owned one for while and it is reliable and quiet.
Another great product from Ten-Tec.

Greg KN4FR

6052. Re: FT-990 MARS/CAP mod please!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: Jim Reville <reville@localnet.com>
Message-ID: <30DC4D35.68DA@localnet.com>
Source record: 208306

seven77@gate.net wrote:

> Does anybody have the MARS/CAP mod to unlock the FT-990?

There is a board you need to buy from Yaesu for this radio.
I have one working on CAP frequencies. If you contact
Yaesu and fax them a copy of your cap membership card
and radio station license, they will give you the info
you want.

Jim N2QNG, NY0054

6053. For Sale Icom R71A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-2312951051220001@grail1201.nando.net>
Source record: 208307

I am selling my R71A. Unit is complete with box, manual and narrow filter.
Excellent condition for $675.00 plus shipping.

reply to redlight@nando.net

mike

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way
represent those of my employer.

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way
represent those of my employer.

6054. (none)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: braymer@sunbelt.NET
Message-ID: <01HZ57N1ZZPO8WWDPU@SUNBELT.NET>
Source record: 208308

```
add ham-equip
```

6055. q

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: 100560.3667@compuserve.COM
Message-ID: <951223155811_100560.3667_EHK59-1@CompuServe.COM>
Source record: 208309

subscribe

6056. Circuits vs Code?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4bha6f$5d8@usenet.pa.dec.com>
Source record: 208310

Given the latest flap or debate about source code in QST construction articles, I'd like to hear a logical argument for keeping source code private. Several of us have asked and I've yet to hear a good explanation of how code differs from a circuit design? Would QST consider publishing a construction article that contained a black box, only available from the author (even if at minimal cost), that was the major part of the project? The effort and skills that go into a good circuit design are at least the same or greater than that which go into implementing some program. Yet I can find volumes and volumes of circuit designs applicable to and developed by amateurs. In the area of software, the pickings are mighty slim. How many satellite tracking programs are there out there? Yet the only sources I think I've seen are for the N3EMO sources for an extremely rudimentary tracking program.

Personally as a software developer I believe this is stiffling amateur advances in many areas as more and more things become software based instead of hardware based. If this trend continues, the sharing of ideas and learning from others that have been a hallmark of this service will suffer.

So again, why the difference in view between circuit design and source code?

73,
Todd
N9MWB

6057. various test gear/ham

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: michael.zero@channel1.com
Message-ID: <40.16632.2424@channel1.com>
Source record: 208311

for sale, not by me but a friend...of mine

Signal Generators:

608-c 10mhz-480mhz $150
H P 606-b 50kc-65mhz $150

Tempo 1, multiband ham radio $200

uniden bearcat 8500 scanner 25mhz-1300 mhz new in box $300

willing to negotiate prices....local only 40 mile radius near boston ma.

e-mail to michael.zero@channel1.com or post here

6058. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819736587.18164@pinetree.microserve.com>
Source record: 208312

Zack Lau <zlau@arrl.org> wrote:

> (As an aside, nobody has suggested we stop
> publishing such projects because there
> is no second source for 3CX800s)

That's very close to my point. The ARRL has to make a decision in publishing articles such as this as to the depth of proprietary disclosure and resources. That's true in any construction project. The question is, should you refuse to publish an article because an author witholds certain information? There are characteristics of the manufacturing process that no manufacturer will disclose, but that doesn't necessarily preempt their product from being utilized in a construction article. To my mind, this situation is no different. The author has a right to protect certain aspects of his work, but that doesn't automatically render his project useless to the builder.

> 2) You can take the author's ideas and design an even
> better version. You ought to have a huge advantage
> because the author has often done the hard work--making
> the first working unit. Ever notice how textbooks often
> have exercises to work out on you own?

In this case, the author isn't being asked just to disclose the hard work, he's being asked to disclose *all* the work. That isn't necessary in order for the builder to accomplish what you suggest, nor is it a prerequisite to the learning process.

> 3) You can study the schematics and run calculations/simulations.
> What components have to be held to high tolerances?

Sorry, I just don't buy the concept that every detail of the project has to be included in order to do this, or that the author should be enslaved to that goal. I certainly disagree with the notion that an author who refuses to comply should have his material summarily dismissed, especially if there are otherwise redeeming qualities to the article.

I don't speak in favor of the ARRL very often, simply because past policies were often contrary to my best interests. For the same reason, I have never been a member. Nevertheless, this is one instance where the League has used good judgement. I hope the editors will continue to publish useful articles without binding the authors to a rigid policy of full disclosure.

73,
Jack WB3U

6059. LOOKING FOR:

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4bhab9$t61$2@mhade.production.compuserve.com>
Source record: 208313
Cross-posted to: rec.radio.amateur.equipment,rec.radio.swap

Yaesu FT 311 and FT711 RH xcvrs to replace stolen ones.
Would like DTMF mics (-15 model) with them....if possible
and CTCSS encode/decode also...

Chris
--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT - Advanced Class BBS- 409-447-4267 (WBBS)
PG-9-5322 FCC Commercial 409-525-2001 PhoneMail 24hr

6060. Re: HEATH HAM-SCAN

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819736815.18164@pinetree.microserve.com>
Source record: 208314

leo_parent@mystique.win.net (LEO PARENT) wrote:

>I have just acquired a Heathkit Ham-Scan monitoring scope - no
>manual - the input on the back has a RCA plug - I need to know how
>to connect this to my Kenwood R-599 to monitor my SSB signal pse
>lv msg Leo_Parent@mystique.win.net tnx Kb2Wk

Is that the signal analyzer or the spectrum analyzer scope? If it's
the latter, it won't work with your Kenwood because the IF frequency
is different than Heathkit.

73,
Jack WB3U

6061. Re: Opinions please -- Ten-Tec Paragon II

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819737479.18164@pinetree.microserve.com>
Source record: 208315

"Gregory J. Buhyoff" <buhyoff@vt.edu> wrote:

>I am most interested in any opinions of the Paragon II. I have an
>OMNI VI which I love to death.

I've heard nothing but good about Ten Tec until now. Earlier today, I worked a guy who said he owned a Paragon for several years. He went on to say that the rig was really superb when it worked, and that Ten Tec fixed it at no charge whenever it broke, but that it broke often and was a nuisance. He also questioned whether the price of these rigs is inflated because of their policy of free repairs, and the frequency at which those repairs are needed.

As a final note, he said he opened it up once and was of the opinion that the individual components were cheap, and that the (single-sided) PC boards looked like they were etched in someone's basement. In short, he claimed these rigs have terrific circuitry design, but the worst implementation he has ever seen.

I'm mentioning this because I've already recommended Ten Tec to a friend who recently came back to the hobby after a long absence. My recommendation was based on the many satisfied users I've heard from, both here and on the air.

Can anyone verify whether the above commentary on these rigs is accurate?

73,
Jack WB3U

6062. Re: Yes, Kenwood is losing it

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819737992.18164@pinetree.microserve.com>
Source record: 208316

USCG TELECOMMS <gttm@cais.cais.com> wrote:

>I had a 940S for five years with no problems. One day the power output
>dropped to zero. Ham Radio Outlet charged me $600 to repair. They
>turned it on and it worked for about 10 minutes and blew up again. I
>called in my insurance company and got $2100 for the radio; I donated
>the radio.

What kind of insurance do you have? Was this lightning damage?

73,
Jack WB3U

6063. Re: HTX-212 mod needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: robert@kd3bj.ampr.org
Message-ID: <robert.819686785@kd3bj.ampr.org>
Source record: 208317

dab2@Ra.MsState.Edu (David A. Boackle) writes:

>jeff griffin (jeff_griffin_at_aos500@admin.tc.faa.gov) wrote:
>: Does anyone know of a mod to allow an RS HTX-212 to TX on marine band
>: (156.025 thru 157.425) MHz. Email any info you might have. Thanx Jeff
>:Griffin.
>

>This is not mine, but it does apply here:

>: C'mon fellers. Consider what you are doing when you ask for a reply
>: by email.

>: 1. You are preventing the rest of us who have an interest in this
>: thread from seeing the whole answer -- this strikes me as being
>: somewhat selfish.

>: 2. You are admitting that you don't lurk this group very often and
>: want a personal answer so that you don't have to take up your valuable
>: time reading the newsgroup to pick up your answer.

>: If the question is by newsgroup, the return post should be by
>: newsgroup.

>: Jim Weir VP Engineering | "We seem to be standing on
>: RST Engineering | the foreskin of technology."
>: Grass Valley CA 95945 | (Gen Chuck Yeager)
>: voice/fax 916/272-1432 |
>: rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

>73 de KC5AAW
>---
>David A. Boackle dab2@ra.MsState.edu Mississippi State University

The original post also asks for information that will permit a
non-type-accepted radio to be used in a band where all equipment must be
type accepted. Methinks the original poster didn't think!

6064. Kenwood TR-9130 Parts Needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: "Christopher A. Bowne" <radiobwn@q.continuum.net>
Message-ID: <4bh4u0$n7s@news.continuum.net>
Source record: 208318

Need source for a controller board, or a junker 9130 with useable board. My unit's card had an intermittent loss of frequency display and frequency control that I traced to a 5 V regulator chip, but unfortunately, I zorched the card in the process of troubleshooting. Kenwood no longer stocks the card. Any help would be greatly appreciated. Thanks and 73 from Chris, AJ1G in Stonington CT.

6065. RE: Ten-Tec rig-Thanks!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4bh8s7$ro2@news.usit.net>
Source record: 208319

I want to thank all who commented on the Ten-Tec 6 meter rig. Really apprciate all the comments from everyone! I'll get one after the holidays!

Thanks again,

Steve

6066. Re: icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: "David E. Shelton" <deshel01@homer.louisville.edu>
Message-ID: <4bhgnc$kc4@hermes.louisville.edu>
Source record: 208320

What freebies are available from the Icom UK people?

de KE4FPS, David

6067. Re: icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: "David E. Shelton" <deshel01@homer.louisville.edu>
Message-ID: <4bhgqc$kc4@hermes.louisville.edu>
Source record: 208321

Do you know what freebies are available from Icom UK?

73,

de KE4FPS, David

Merry Christmas and God Bless Us All!

6068. Re: Circuits vs Code?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819741863.20732@pinetree.microserve.com>
Source record: 208322

little@pecan.enet.dec.com (Todd Little) wrote:

>Given the latest flap or debate about source code in QST construction
>articles, I'd like to hear a logical argument for keeping source code
>private. Several of us have asked and I've yet to hear a good
>explanation of how code differs from a circuit design? Would QST
>consider publishing a construction article that contained a black
>box, only available from the author (even if at minimal cost), that was
>the major part of the project?

The difference between code and circuitry can be reduced to a single question - will the reader be prevented from completing the project? If the missing ingredient is source code, the answer is "no", even though completion may require significant saavy on the reader's part. However, if the missing component is a "black box", the answer is "yes", because there is no systematic method by which the reader can construct the device.

>The effort and skills that go into a good circuit design are at
>least the same or greater than that which go into implementing
>some program. Yet I can find volumes and volumes of circuit designs
>applicable to and developed by amateurs. In the area of software,
>the pickings are mighty slim.

If you examine both the origin and the inherent characteristics of each, you will see that this is the natural state for these two resources as they relate to Amateur Radio.

New circuitry, at least complex circuitry, is nearly always designed for industry at a profit. Once that profit is taken, or at least the use of the circuitry assured, the Amateur community (which does not compete with the originator) benefits from the publication and use of the technology. Further, the technology is generally transferable to Amateur use with little or no modification.

As you say, it also takes considerable effort and skill to write software. And like hardware, it is usually designed for industry for profit. Unlike hardware though, it is not readily transportable to Amateur use. For instance, a complex program designed to guide a robotic arm that assembles VCR's isn't likely to find much use, as-is, in our work. Sure, bits and pieces may be useful as subroutines, but that still means considerable work is involved in completing a working program. Industry isn't paying for it this time though, so a version suitable for our hobby is never written.

>Personally as a software developer I believe this is stiffling amateur
>advances in many areas as more and more things become software
>based instead of hardware based. If this trend continues, the sharing
>of ideas and learning from others that have been a hallmark of this
>service will suffer.

You're right, and I think it's inevitable unless someone either pays industrial rates for the information published in QST, or forces the industries we support to provide it. After all, look at where Amateur technical articles and advances have traditionally come from. If you go back to the 40's, 50's and 60's, you find that many contributors were employees of Amateur equipment manufacturers, and that those manufacturers considered it good press to have those articles published. Sure, they knew some hams would build their own, but they also knew that the majority would come to them to buy the product.

Now, look at the situation today. The manufacturers produce equipment and designs that one in a thousand couldn't duplicate. And, whether they publish articles about circuitry advances or not, hams will buy their products. In fact, they've learned that they have a captive audience, and that the majoriy of hams don't care.

I don't have a solution to all this, but I do know that complaining about the technology we *don't* receive is like telling the FCC that it's inconvenient traversing such large amounts of free spectrum. If the ARRL as a matter of policy refuses to publish any article that doesn't contain source code, we will lose not only the code, but the circuitry as well.

BTW, aren't these Code - No Code threads supposed to be posted on R.R.A.Policy? :)

73,
Jack WB3U

6069. Re: icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: "David E. Shelton" <deshel01@homer.louisville.edu>
Message-ID: <4bhh1a$kc4@hermes.louisville.edu>
Source record: 208323

Test

6070. Re: Opinions please -- Ten-Tec Paragon II

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: "David E. Shelton" <deshel01@homer.louisville.edu>
Message-ID: <4bhhud$kc4@hermes.louisville.edu>
Source record: 208324

I am seriously considering buying an Omni VI myself and I would like to know if the rigs are up to snuff. I currently have a Icom 728 and I know that the Ten Tec rigs blow this toy out of the water. I work primarily CW, 99% of the time. I am only a Tech+ and I am working on the upgrade to at least an Advanced license. I have heard rave reviews of the Ten Tec Omni VI and several of the local hams who at one time or currently are world class contester say that it is a great rig for certain characteristics, QSK and selectivity, sensitivity can be matched and better by the Yaesu and Kenwood big rigs. However, QSK is unmatched and the mixed crystal receiver provide terrific selectivity.

I would like to hear from you and any others who operate an Omni VI as to whether or not these impressions are true or not.

TNX es 73,

de KE4FPS, David
deshel01@homer.louisville.edu

6071. Re: Opinions please -- Ten-Tec Paragon II

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: Greg Buhyoff <buhyoff@vt.edu>
Message-ID: <4bhk42$cnb@solaris.cc.vt.edu>
Source record: 208325

> As a final note, he said he opened it up once and was of the opinion
> that the individual components were cheap, and that the (single-sided)
> PC boards looked like they were etched in someone's basement. In short,
> he claimed these rigs have terrific circuitry design, but the worst
> implementation he has ever seen.

This does not reflect what I see inside my OMNI VI, which has
been flawless in operation and 100% reliable. I note also that
you quote someone who was using a Paragon. I inquired about the
Paragon II which was introduced last year. Are we talking about
the same version of radio. The Paragon II is a hybrid of the
Paragon and OMNI VI.

6072. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: faunt@netcom16.netcom.com
Message-ID: <FAUNT.95Dec23104302@netcom16.netcom.com>
Source record: 208326

The statement was made by one of the people involved, on Usenet, that they didn't want a commercial firm to pick up the entire design and sell it without compensation. Sounds like a good reason to me.

Although, if the source code were available, someone might modify the code so all commands came in the serial port of the 6811 instead of contact closures and status could go back out the same way, so the whole thing could be done as a peripheral to a PC or Mac.
73, doug

6073. Info Wanted on Kenwood TM-733A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: kcc007@aol.com
Message-ID: <4bhmms$ccf@newsbf02.news.aol.com>
Source record: 208327

I just bought a Kenwood TM-733A and would like to know if anyone knows the mods for this radio. Extended Receive and Cross Band Repeater Operation, Etc. Please E-Mail to :

kcc007@aol.com

Thanks In Advance!

DE N8LNN
Keith C. Collins.

6074. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: yee@mipg.upenn.edu
Message-ID: <YEE.95Dec23151240@mipgsun.mipg.upenn.edu>
Source record: 208328
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

>Experimenting is a good idea, it's fun and sure helps us learn.
>
>But DSP's fast enough to do anything at a real IF aren't cheap, and
>neither are the A/D converters. Expect to spend several times what the 101
>cost you if you take this route.
>
>Ham manufacturers do radio DSP by using a very very low IF. So low it's
>almost at audio. So it's almost exactly like audio DSP anyway!!!!

This brings an interesting point. How far should one go in hacking an old rig? Personally, I own the rig not because of its resale value. I don't figure on ever selling it. Yes, I am a major packrat. I figure that if I ever get rid of it, it will because I have toasted the rig so badly that I can't even salvage parts. At that point, I'll buy another one and start all over.

The high price of DSP chips is a case in point. In order to add it, I will be spending MORE on the enhancement than the actual worth of the rig. Does it bother me all that much? Not really. I figure that I run a higher risk of toasting the DSP chip while experimenting than actually enhancing the rig's performance. But what the heck! I consider it a pretty neat hack and worth while doing all by itself. The trick however, is to choose a project that is sufficiently difficult that you end up learning something useful but not so difficult that you give it all up entirely.

As someone who is building single units and not mass producing anything, cost effective manufacturing is not a factor. I can try things that any sane manufacturer would never try if they are interested in staying in business. I don't have to worry about the marketability and pricing of the unit. Profitability is not an issue. My benefit from playing with the rig is the hack itself.

Personally, I think more hams should try picking up a soldering iron. So what if you get burned once in awhile from the soldering iron because you are extra clumsy or if you decide to build something that toasts your equipment? The aim of the game is to try to do something that you could do before or thought that you can never do. Who knows, you might surprise yourself! But then, to each his own. Different folks for different strokes.

P.S. A great starter project for those who are inclined is the CMOS Super Keyer. While I haven't personally seen version III, version II is very easy to build. From the article in QST in August, none of the changes made in version III would make it

any harder to build. You end up with a useful unit with only an afternoon's work. There is nothing so tight that it is difficult to solder. The problem with the keyer is that once you build the kit, you might actually become tempted to become proficient at CW.

Try it, Mikey, you might like it.

Another problem with the kit is that source code is not available for version III but that is another thread entirely :) Does anyone have the code to version II lying around? I have been meaning to ask for it.

--
| 73 de Conway Yee, N2JWQ | DON'T
| EMAIL : yee@mipg.upenn.edu | TREAD
| TELEPHONE : | ON
| FAX : | ME!

6075. Re: icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvst.demon.co.uk>
Message-ID: <819750274snz@microvst.demon.co.uk>
Source record: 208329

In article <4bhgnc$kc4@hermes.louisville.edu>
deshel01@homer.louisville.edu "David E. Shelton" writes:

> What freebies are available from the Icom UK people?

"Bought an IC-706? Icom (UK) are giving away free log-books - and other Icom `goodies' to the first 300 who fax or write to Dennis Goodwin with their proof of purchase of an IC-706. Contact Dennis at Icom (UK), Sea St, Herne Bay, Kent CT6 8LD, fax: 01227-741742"

There was no geographical limit on this announcement in RSGB's RadCom. To dial the above fax number from the US, it is 011-44-1227-741742.

Since most US amateurs now only log contests and collectibles, this may seem like an offer you can refuse. Here, we must even log unanswered CQs, so we get through these books really fast.

Regards,
--
Tony - G3SKR / AA2PM email: tgold@panix.com
tgold@microvst.demon.co.uk
packet: g3skr@n0ary.#nocal.ca.usa.na

6076. Wanted Microphone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: asken@primenet.com
Message-ID: <4bihdt$fv7@nntp3.news.primenet.com>
Source record: 208330

Does anyone have a Kenwood desktop microphone they may want to sell
fairly reasonable? asken@primenet.com
KEN

6077. Help with Santek ST-220/uP HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: dwentz@basenet.net
Message-ID: <4bgah9$j2b@news.accessus.net>
Source record: 208331

I am looking for the pinouts for the mic connector for my Santek HT. I have found a source for the mic connector, but can not find the pin outs anywhere. Would also be interested in a manual if any one has one.

Thanks
Dale KB9JJA

6078. WTB: Heath SB-614, SB-634, and SB-604

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: glidden@greene.pgh.net
Message-ID: <4bhsea$9gb@dropit.pgh.net>
Source record: 208332

I am looking to buy a SB-614 Monitor Scope
SB-634 Station Console
SB-604 Speaker
SB-230 Amp (maybe)

Need to have them in working order and would perfer with manuals.
If you can help pleas E-mail as access to this group is random as best

Thanks......

6079. VHF MARS mod for IC-706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4bhsn7$149m@stealth.mindspring.com>
Source record: 208333
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

>From: NS1R@KA1TUZ.FN42JH.MA.USA.NOAM

>The additional items to in the Tech bullitain to restore out of two
>meter transmit are as follows (not endorsed or denied by icom USA):
>remove Diode #60 and cut the jumper next to it labled "W4". Then
>remove either (Q38 or R353 resitor) on the main PCB (about one inch to
>right of Diode #60. Then turn over the radio and cut a trace (You need
^^^^^^^^^^^^^^^^???
>picture of schematic to see clearly and install a jumper froM IC32 pin
>11 to the point where you cut the trace. This will restore transmit
>from 135 to 175 MHZ.

I was looking at the information given in this mod and comparing it to the schematic. This mod seems to be legit. The jumper labeled W4 on
the schematic appears to be the green 0 ohm resistor just to the rear of D59. In the USA version removing D60 and removing W4 would be the
same thing.
I believe that removing D60 just prevents the radio from tx on aircraft band after the VHF mod is performed. Removing Q38 or R353 would have
the same effect as cutting the yellow wire (J4). The receiver would work better if the yellow wire is rerouted to the VCO switching
transistor. So all that is left is pin 11 of IC32. This pin is the same as the orange wire next to the famous yellow wire. All this wire
does is supply 5 Volts whenever the radio is outside the 0-60MHz range. This wire labeled L8 on the schematic is the one responsible for
enableing the 2 meter bandpass filters that are located in the PA unit. It also disables the high power amplifier which consists of a pair
of MRF 255 and is used in the HF and 6 meter bands. It appears to me that all that is preventing the radio from txing outside the 144-148
range is a control pin. The PA unit appears to be fully enabled in the range 118-174. The control pin that disables the out of band TX must
be acting on one of the pre driver stages maybe IC1 or IC38. Now if we could find this missing information about the control pin, all that
would be necessary would be to rewire it to the orange wire. This would enable it in all the range 118-174 MHz.

On the receive side, it appears like the 60MHzHP/129MHzLP filter that is selected for receive anywhere outside the ham 2 meter band used to
be a (60-200) filter. This would explain why this filter would have been selected the way it is in the unmodified version.

Now that I got a copy of the schematic I am making a list of things that I'm going to change to the radio. I just wished that Icom would
have engineered the radio a little better. Although the radio is an outstanding attempt at

a tribander all-mode radio, it could have been a
lot better.

73's
AC4OP
Wave@mindspring.com
http://www.mindspring.com/~wave

6080. Re: Circuits vs Code?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4bhud0$6so@usenet.pa.dec.com>
Source record: 208334

In article <819741863.20732@pinetree.microserve.com>
jackl@pinetree.microserve.com (WB3U) wrote:

> little@pecan.enet.dec.com (Todd Little) wrote:
>
>>Given the latest flap or debate about source code in QST construction
>>articles, I'd like to hear a logical argument for keeping source code
>>private. Several of us have asked and I've yet to hear a good
>>explanation of how code differs from a circuit design? Would QST
>>consider publishing a construction article that contained a black
>>box, only available from the author (even if at minimal cost), that was
>>the major part of the project?
>
> The difference between code and circuitry can be reduced to a single
> question - will the reader be prevented from completing the project?
> If the missing ingredient is source code, the answer is "no", even
> though completion may require significant saavy on the reader's part.
> However, if the missing component is a "black box", the answer is
> "yes", because there is no systematic method by which the reader can
> construct the device.

How is the code any different from the black box? Without the code,
one either has to rely on the creator of the code to provide it
in non-human readable form, i.e., binary image, or re-invent the
wheel. The first case is no different than having to get an epoxied
circuit from the creator. The second case is also like the black
box, i.e., you know what it's supposed to do, now go figure it out
yourself. Seems like that runs counter to the purpose of publishing
construction articles, unless their real purpose is just to prove
that it can be done. My impression though was that they are meant
to be reproducible by the average amateur and usable as a basis
for further experimentation. I certainly know that I've learned a lot
about simple transciever design from Roy Lewallen's and Zack
Lau's published designs. If major portions of their circuits were only
available as embedded in epoxy modules, with only a description
of what they do, not how they did it, would I have learned as much?

Software code without source *is* a black box by definition. You are
only told what goes into and out of the box and what the box is
supposed to do. You aren't given any knowledge about the inner
workings of the box. That's the definition of a "black box" in most
design lingo I've ever encountered.

>>The effort and skills that go into a good circuit design are at
>>least the same or greater than that which go into implementing

>>some program. Yet I can find volumes and volumes of circuit designs
>>applicable to and developed by amateurs. In the area of software,
>>the pickings are mighty slim.
>
> If you examine both the origin and the inherent characteristics of
> each, you will see that this is the natural state for these two
> resources as they relate to Amateur Radio.
>
> New circuitry, at least complex circuitry, is nearly always designed
> for industry at a profit. Once that profit is taken, or at least the
> use of the circuitry assured, the Amateur community (which does not
> compete with the originator) benefits from the publication and use of
> the technology. Further, the technology is generally transferable to
> Amateur use with little or no modification.

But that isn't the source of most amateur construction articles that
I've seen in QST. The articles in QST are at such a primative level
that few manufacturers would even consider them. There is nothing
wrong with that, but I don't buy the argument that commercial
designs filter down to be discovered by the amateur. As you said,
the commercial designs tend to be far to complex for the average
amateur to deal with. The software we're talking about here is not
in that league, i.e., too complex to be usable to the average amateur.

> As you say, it also takes considerable effort and skill to write
> software. And like hardware, it is usually designed for industry for
> profit. Unlike hardware though, it is not readily transportable
> to Amateur use. For instance, a complex program designed to guide
> a robotic arm that assembles VCR's isn't likely to find much use,
> as-is, in our work. Sure, bits and pieces may be useful as
> subroutines, but that still means considerable work is involved in
> completing a working program. Industry isn't paying for it this
> time though, so a version suitable for our hobby is never written.

This only true in certain cases and only because the software industry
currently allows it. In any case, since I don't believe circuit designs
percolate down from industry to amateur tinkerer, I likewise don't
believe that software designs would also do that. Also, simply
because most of the software industry is still treating software
development as a garage shop activity, that doesn't mean the amateur
community needs to do the same. If the ARRL (or any other interested
body such as AMSAT) were to sit down and define the software
building block interfaces (not their implementations), then amateurs
all around the world could contribute in piecemeal fashion. Instead,
little code is shared with the rest of the amateur community, and what
is shared is shareable, i.e., isn't meant to be reused as it has no standard
interfaces. Imagine a large class library of things like orbits, antennas,
terrain models, circuits, etc. It *is* possible to do. Simply look at the GNU
project for an example of how very high quality state of the art software
can be developed primarily by volunteers and available in source form
at no cost.

> BTW, aren't these Code - No Code threads supposed to be posted on
> R.R.A.Policy? :)

Yeah, but I thought I'd follow the example of the few boorish individuals
that continue to post those arguments in r.r.a.misc. ;-)

73,
Todd
N9MWB

6081. Re: Alinco Radios Are "Not" Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: jls <jls@sierra.net>
Message-ID: <4bi0jj$dro@jobes.sierra.net>
Source record: 208335

I bought a dj580 three years ago and have used it for my HT, my mobile in my car, my street bike motorcycle, my portable packet with a laptop and also carry it around while riding on my dirt bike motorcycle and mountain bike in addition to carrying it around while hiking and rock climbing.

I'd say that this radio has been put to the test and has faired quite well. My wife got her ticket last year and we decided to get another Alinco. My opinion is that they are quite durable and feature packet for the money.

--
Cya l8er... -=lArRy=-

6082. Want: Yaesu FT-102 service manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: n4ij@aol.com
Message-ID: <4bi73v$hho@newsbf02.news.aol.com>
Source record: 208336

I'm looking for a service manual for the FT-102. Original or a copy. The
owners
manual contains a couple of schematics but omits all of the RF/IF area. A
complete set of schematics would be ok in lieu of a service manual.

Doug N4IJ@aol.com
(407) 984-9360

6083. Want opinions/experience with Hamtronics equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: bennett@erich.triumf.ca
Message-ID: <23DEC199516551056@erich.triumf.ca>
Source record: 208337

I am looking for any information re quality and reliability of the Hamtronics TA901 and R901 900 MHz transmitter and receiver. Would these units be suitalbe for use in a repeater link? (and, in general, how is the 900 MHz band for a line-of-sight link??)

Peter Bennett VE7CEI | Vessels shall be deemed to be in sight
Internet: bennett@triumf.ca | of one another only when one can be
Packet: ve7cei@ve7kit.#vanc.bc.ca | observed visually from the other
TRIUMF, Vancouver, B.C., Canada | ColRegs 3(k)
GPS and NMEA info and programs: ftp://sundae.triumf.ca/pub/peter/index.html

6084. Re: Smoke Filled Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: "C. J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <30DCAE77.E58@aries.scs.uiuc.edu>
Source record: 208338

Ronald Ries wrote:
> One small hitch, the rig was a one owner who smoked. The shack now smells
> like old cigarette butts.
>
> Anybody have any experience with eliminating the problem or at least
> minimizing the odor? I have a dish full of baking soda next to the rig
> and it helps a bit. Any other thoughts?

It goes away after a month or so. If it's an old radio, you might try spraying windex lightly on the chassis and wiping off. The yellow comes right off and you'll find that the smoke oil has protected the metal underneath.
--

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

6085. TS-440S parts

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: bull66@aol.com
Message-ID: <4bifh9$k2o@newsbf02.news.aol.com>
Source record: 208339

I need a front panel assembly for a Kenwood TS-440S xcvr part no. A20-2556-03. I know that they aren't made anymore, but going through Kenwood has been a joke in the past. Anyone have an address or idea who might have these parts available, or a mint one from a smoked unit for sale? Please e-mail me with any info....Thanx...

6086. Re: Yes, Kenwood is losing it

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: bull66@aol.com
Message-ID: <4bii9u$l1k@newsbf02.news.aol.com>
Source record: 208340

I also had solder problems with my TS-440s, ...the external speaker jack was flaky and probably the hardest point in that radio to re-solder, of course. Also, the rig would sometimes die when switched to the 15 mtr band, which was caused by poor factory alignment on one of the oscillator stages. The problems are getting worse all the time from what I hear from people on the air. Also had bad fan sensor go bad right after I bought the rig new....

6087. Re: FT-980 CAT PROGRAM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: Ed Coan <ed@aloha.net>
Message-ID: <30DBD7B9.3864@aloha.net>
Source record: 208341

Bradley Mitchell wrote:
>
> Hi all, I have an FT-980, and I have the k5yef program, but
> can't seem to get it to work. I made the interface, and rx data and
> tx data are going both ways, and appropriate levels. It put's the
> transceiver in external mode, then it craps out.
>
> Any ideas? Any programs with source code?

I did some FT-980 programming when it first came out. The FT-980 CAT system has an undocumented quirk in that it needs an extra comm cycle to set up it's internal stack when the CAT system is first enabled. I used K5YEF's program many years ago, but I seem to recall that I had to start it twice to get the comms working. See if you can reach K5YEF for his comments.

73. Ed.

6088. Re: Help ! Manual Needed For Kenwood 520SE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4bfhd2$dnh@news.service.uci.edu>
Source record: 208495

In article <4b5f8h$jmf@Kaos.deepcove.com>, Frank says...

>Help! manual for the 520SE would be much appreciated.

> Thanks

> Frank ex VE7CYU, VE7CYX

Frank, would the 520 (not the SE version) be OK? If so, I'll get
a copy printed for you on Dec 27 and fax/mail then if you wish.
Brian - N6ZAU

6089. Re: 5$ Mod. For Dead HT Batts!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4bfkmq$dnh@news.service.uci.edu>
Source record: 208496

In article <4bcqqm$ie6@kaiwan.kaiwan.com>, cardenas@kaiwan.com says...

>If you don't intend to rebuild your HT batteries, here's another great
>option! It provides +12 Volts D.C.*, FULLY REGULATED! to your portable
>tranceiver or scanner from your car battery! All parts should be about
>$5! It's a very easy project that should take less than one hour.

>This method will provide 12* volts, FULLY REGULATED to protect your HT,
>no matter what. The regulator also protects from voltage "spikes" and dead
>shorts on the output.
>***Important! Any questions, please EMAIL me direct: cardenas@kaiwan.com
>Enjoy! Tony Cardenas WA6IGJ

Hey Tony,

Thanks for your article, however, the output is typically 2 volts below the input voltage (per ECG spec sheets), therefore, voltage when the battery is charged (while driving) will be close to 13.8volts and give an output of 11.8 typical. If the engine is stopped, the voltage will be closer to 10 to 10.5 volts. It does not provide "12 volts ... no matter what". Other than that, it is a good way to go. Also, care should be taken with the heat sink as it can get VERY hot.

Brian N6ZAU

6090. Re: Alinco DX-70?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: dbwillia@uci.edu
Message-ID: <4bfjld$dnh@news.service.uci.edu>
Source record: 208497

In article <4bc68n$jtf@usenet.pa.dec.com>, little@pecan.enet.dec.com says...
>
>All the recent Alinco bashing aside, can anyone...
>73,
>Todd
>N9MWB

Are you kidding? "Alinco bashing" as you call it looks more like
"Alinco Praise". Over 90 percent of the comments are positive ones.
Brian
N6ZAU

6091. 1000 Pardons, 1000 PARDONS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: rcarpen@DGS.dgsys.COM
Message-ID: <Pine.SOL.3.91.951222203005.14120B-100000@DGS>
Source record: 208498

Someone has posted my private messages to him to the entire World (or at least this group). I certainly DIDN'T intend that my off-hand comments about ICOM America be spread to the entire world. I'd do that myself if I felt it desirable. Please accept my apologies and I certainly hope that this will never happen again.

---------- READ THIS NOTICE ! ---------
I repeat what I have said many times: The IC-706 performs very satisfactorily within ALL the ham bands where I have used it. My complaints concern its performance on other VHF frequencies. Even without this "bonus" coverage (and much can be restored with a simple mod), the IC-706 is an amazing little rig.

Again, I regret that my private comments were broadcast to the world.

73 de Bob w3otc

6092. HAM RADIO GARAGE SALE !!!!!!!!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: mw@hula.net
Message-ID: <4bg0sk$uj4@spartacus.hula.net>
Source record: 208499

-Super-Rare collectors item: Bird model 4342 dual
Wattmeter serial# 332 w/ 2 100-250 mhz slugs.

-mint condition PK-232 with original software, manual,
and cables Asking $150 + Shipping / COD Charges.

-intech mariner u-106 xtal controlled marine VHF

-TE Systems 100W 440-470 Mhz Amplifier w/ switchable
in-line RX preamp

-Yaesu FT-711RH 25W UHF Mobile

-Icom IC-435 35W commercial UHF Mobile only $100!!

If Interested: E-Mail mw@hula.net

6093. Help ! Need Manual For Kenwood TS520SE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: plumptre@deepcove.com
Message-ID: <4bgapv$322@Kaos.deepcove.com>
Source record: 208500

My father, who is a ham, had the manual stolen along with the matching speaker and microphone.

Any leads on where I could obtain a manual will be much appreciated.

Thanks

Frank Plumptre ex VE6AZV, VE7CYU

6094. Alinco

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: askaggs@freenet.columbus.oh.us
Message-ID: <4bgsda$l1q@acme.freenet.columbus.oh.us>
Source record: 208501

I have read all of the opinions and have decided that Alinco will be on my purchase list over others. Maybe you just got one bad radio or some losy service or somthing.

--

==========

Allen Skaggs, Grove City, OH.

Packet Radio Address: NV8R@W8CQK.#CMH.OH.USA.

6095. RE: RAYTHEON TUBE RADIOS-RAY-TEL PWR 2 - PWR 4????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: jman1173@aol.com
Message-ID: <4bh051$5cv@newsbf02.news.aol.com>
Source record: 208502

I PICKED UP THESE RADIOS BUT I DONT HAVE ANY INFO. THEY ARE 5 CHAN.
PWR 2-- 6 CHAN PWR 4 ,ONE MADE IN MASS. THE OTHER IN SAN FRAN
THE PWR 2 WORKS GREAT, BUT I NEED A POWER CORD FOR THE PWR 4
WHAT YEAR MADE? PRICE? POWER? ANYTHING WOULD HELP
ALSO GOT A GONSET G-12 TUBE AND A GONSET G-76 HAM TRANS. NO INFO
ON ANY OF THEM LOVE THOSE TUBER'S
THANKS

6096. WTB: Hallicrafters S-38C Exc. or Mint Only

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: Michael Neidich <neidich@interport.net>
Message-ID: <30DC3892.44DD@interport.net>
Source record: 208503

Nostalgia time. If you have one, email to neidich@interport.net.
73, K2ENN

6097. Ameritron AL811X

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-23 00:00:00 UTC
From: Coen Waasdorp <waasdorp@inter.nl.net>
Message-ID: <pizo0AAS7A3wEwmK@inter.nl.net>
Source record: 208504

Hi all

Does anyone have any experience with the Maritron AL811X 600W HF Linear?
I am very interested to know.
--
Coen Waasdorp
PA0COE

6098. Re: Smoke Filled Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4bjh2d$o1@crash.microserve.net>
Source record: 208255

"C. J. Hawley Jr." <hawley@aries.scs.uiuc.edu> wrote:

>It goes away after a month or so. If it's an old radio, you might try
>spraying windex lightly on the chassis and wiping off. The yellow
>comes right off and you'll find that the smoke oil has protected the
>metal underneath.

Just wanted to mention that Windex brand spray cleaner is *the* stuff to use for this. Do not use other brands of glass cleaner - they're much harsher and can remove the markings on knobs and panels. Even Windex can do this if the paint is badly oxidized, so it's best to test on a panel character or a knob marker that won't be missed too much if it wipes off. Also, don't leave the Windex on the panel any longer than necessary. When you spray it on, it will drip down the panel and you'll see the yellow smoke film dissolving and dripping down with it. Have a rag ready so you can wipe it quickly, before the goop gets into cracks and crevices where it'll never come out.

To get the film off knurled or fluted knobs, use a toothbrush. Spray the Windex directly on the toothbrush, then lightly scrub the knobs. This will get the film as well as dust and dirt out of all the small crevices in the knobs. Don't use too much cleaner for this - the toothbrush should be damp, not soaking wet.

Finally, when you wipe the meter face or other glossy plastic surfaces, use the softest, thickest paper towels you can find. They should be a major brand. Cheap paper towels, especially the thin ones, tend to have coarser fibers that can scratch the surface.

73,
Jack WB3U

6099. Re: Circuits vs Code?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4bjr7p$el@newsbf02.news.aol.com>
Source record: 208256

In article <4biddm$lk7@guava.epix.net>, Garry Foster <gmfoster@epix.net>
writes:

>This has been the point I fail to understand in this. I have asked and
>and continue to wonder why the special status of software? Having written

>a little code myself over the years I haver never found it ant more
>diffucult than getting an analog circuit to be stable. The other thing I
>have founf is that much of it is buggier than heck. And I'm sure that
>many of these small outfits couldn't afford to send out revision 1 and 2
>firmware. If source code was available many could fix specific segments
>of code even if they didn't have the skills to write the entire program.
>
> G
Hi Gary,

There is no special point. Withholding software is exactly like
withholding any important part of the construction article. I fail to see
why software is any different than the actual circuitry or the theory
involved!

I think the action is determined by the goals of the publisher. If the
goal is to encourage subscriber's to build and learn, the publisher will
supply enough written information to complete the project. If the goal is
to support or protect effort the writer made, important data will be
withheld.

I can't image the software for the tuner is very unique. But it may stop
good hardware people from doing the project, or software people from
improving it!

73 Tom

6100. Re: R-725 (R-390A Variant)???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: radiomatt@aol.com
Message-ID: <4bjrkq$ie@newsbf02.news.aol.com>
Source record: 208257

The IF deck on the 390 is different than the 390A; it uses tuned circuits instead of mech filters (though one mine has ceramic filters!); and there asre 6 IF amps instead of 4 in the 390A version. (The 390 also has 2 RF amps with 3 tuned circuits in the front end).
Now as to why: If DF work is being done, I suspect the distortion caused by the mech filters could screw up high accuracy DFing; probably because the wave fronts are distorted by being mechancally processed.
I have a RACAL receiver with one front end/tuning apparatus, but with two independent IF and audio sections; I'm told this was for DFing; maybe you're missing the 2nd IF?audio piece?
Sounds like an interesting radio.
I love the 390/390A sets I have 4- 2 of each; for AM DXing (the broadcast band) I find the 390 better (clearer audio).

6101. 2m/220 HT, ICOM or STANDARD??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <4bjto7$dkj@mrnews.mro.dec.com>
Source record: 208258

Who makes the better 2m/220MHZ HT, Icom or Standard??

thanks,
Ken N1KK

6102. FS/WTB Free classifieds @ Virtual Hamfest

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: stevek@accessone.com
Message-ID: <4bk0bk$haa@news.accessone.com>
Source record: 208259

Free classifieds at http://www.webcom.com/webpub

Place your ad there or email me and I'll post for you.

Also, your stolen radio information and hamfest listings wanted - posted free.

Happy Holidays

Steve WB8HNC

6103. Any mods for the Icom IC 2350H

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: jfox@pathcom.com
Message-ID: <4bk0s9$6a6@pathway1.pathcom.com>
Source record: 208260

Does anyone know of any mods for the new Icom Ic 2350H dual band mobile ?

Thanks jfox@pathcom.com

6104. Vertex UHF Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: "Jeff Fischer"@thefishnet.com
Message-ID: <8B782BA.007400120C.uuout@thefishnet.com>
Source record: 208261

I have a Vertex 4 channel UHF mobile radio that I need to get
programmed. Looks like a Motorola, but not too sure about this radio.
Anyone know anything about one.

6105. fs: 70 cm diplexers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: remco@localnet
Message-ID: <4bk57h$6o7@prometheus.localnet.com>
Source record: 208262

For Sale: four Prof. Quality diplex filters by Sinclair. Currently tuned around 460 MHz. $200/all four - you ship or pickup (CT).

Remco KB1ZB

6106. Re: FT-757GXII/FC-757AT Users?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: dickd@magicnet.net
Message-ID: <4bk1qt$fi3@comet2.magicnet.net>
Source record: 208263

In article <4bij8o$bol@midland.co.nz>, clo@midland.co.nz (Craig Young) says:
>
>
>I just recently swapped some gear for the above equipment and would
>like to establish e-mail contact with others who are using the
>same equipment, or have previous working experience with.
>
>Please email me at:
>
>Craig Young
>Cambridge,
>New Zealand
>
>craig@clo.midland.co.nz

Hi Craig,

I have been using the FT757GXII for about 7 years now and am finding it
hard to justify getting a new rig.

I use mine with computer control from my logging software and have an
externat voice keyer running... It works great in most of the contest
and in easy to use (not to many buttons). If there is one thing I
find trouble some it the controls on the back that I wish were on the
front (I guess that would add more buttons!). I compaired the spects
with that of the FT990 and the 757 is as good in both rcv and tx.

So enjoy and I hope to work you on 17m.

73 and Merry Christmas,

Dick

6107. $$$ Buyers B E W A R E - VE7-EXG $$$!!!!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4bk9n7$nvf@whidbey.whidbey.com>
Source record: 208264

When buying New/Used equip from Frank be sure you
perform an operational check on the equip. Be sure
and verify that ALL of the options that he says are
"installed" are actually in the equip in question.

I bought a Icom V68 HT in which he told me the CTCSS
tone board was installed. I took his word as a fellow
ham. To my dismay, I later discovered that NO CTCSS was
installed!!!

When I contacted Frank he was very rude and told me that I
should have known better and that CTCSS was an option, not
standard. I knew that it was an option and specifically
asked if it was installed as the radio was useless to me
without the option. He told me it was installed!!!

Franks told me that If I wanted any refund that would have
meet him in Burnaby BC, a 6hr drive from my location. Not much
of a solution, eh?

So,take this into consideration if you are thinking about making
a purchase from Frank.

de VE7-LFA/W7

6108. Re: Yes, Kenwood is losing it

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: jchol@aol.com
Message-ID: <4bkaqt$4om@newsbf02.news.aol.com>
Source record: 208265

I have had a TS-850 for four years. Absolutely no trouble. I have also owned a TS-140 and TS-830, both of which I bought used. All have been very good rigs. Every Kenwood owner I know personally is pleased. Maybe these bad experiences are in the minority. How about it, hams? (No I don't work for or have any affiliation with anyone in the ham radio equipment business).

73 de John, WA5TWL....

6109. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: Robert Needleman <"Robert D.Needleman"@compuserve.com>
Message-ID: <4bkarc$mdc@dub-news-svc-5.compuserve.com>
Source record: 208266
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

FYI -

Sounds like the person reporting this less than pleasant
experience with Austin Amateur Radio was in the minority
of customers doing business with this dealer.Most of these
ham stores employ individuals who are paid
near minimum wages with little or no fringes. As a result,
you may encounter a salesperson who doesn't give a "da_n" because they know
they're just putting in time until something better comes along.
If I received this type of "arrogant, surly" treatment I
would definitely notify the manager who may not be aware
this individual is treating customers this way.If enough
people complain, chances are he won't be there next time
you frequent this store. There are
too many chain ham stores who will gladly take your money
and give you excellent service. Its a buyer's market and
you deserve to be treated with the same respect you would
get as a customer in any other business.

My 2c, from someone who's bought a lot of gear over the
years,
Bob Needleman, KD4ZN

dxk10@po.CWRU.Edu (David Kazdan Md) wrote:
>
>
> In a previous article, kilgore@wichita.tivoli.com (Jeff Kilgore) says:
>
> >In article <4a2h30$e59@remus.rutgers.edu>, hillgen@remus.rutgers.edu (Jay Hillgen)
writes:
> >|> Gary Borich <GaryBorich@mail.utexas.edu> writes:
> >|>
> >|>
> >|> >As a resident of Austin. Texas, who has unfortunately frequented Austin
> >|> >Amateur Radio Suppy, I can attest first hand to their surly, impatient,
> >|> >and at times down right abrasive attitude. As a ham for over 40 years,
> >|> >I can not ever remember being treated so rudely when asking specific
> >|> >questions about an impending purchase.
> >|>
> >|> WOW! In the past few years, I've spent about $1200 at this establishment and
> >|> found that their people were friendly and helpful. As I'm in New Jersey, I was
> >|> never a walk-in customer if that makes any difference. At least over the
> >|> phone, I've had no problems with them.
> >|> Jay

> >|> N2OTK
> >|>
> >|>
> >|>
> >|>
> >
> >I have spent a few thousand at AARS in the last couple of years, and have
> >always received friendly service. I have no complaints, and will return
> >there in the future. YMMV, of course.
> >
> >Jeff, KC1MK
> >
>
>
> Vote here is positive--I have had excellent service from AARS. So has my
> father.
>
>
> --David
> --
> David Kazdan, M.D., Ph.D dxk10@po.cwru.edu; Amateur Radio: AD8Y
> Anesthesiologist,
> Whitacre Department of Anesthesiology, Meridia Huron Hospital,
> East Cleveland, Ohio

6110. Re: Circuits vs Code?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819837219.25511@pinetree.microserve.com>
Source record: 208267

w8jitom@aol.com (W8JI Tom) wrote:

>I think the action is determined by the goals of the publisher. If
>the goal is to encourage subscriber's to build and learn, the publisher
>will supply enough written information to complete the project. If the
>goal is to support or protect effort the writer made, important data
>will be withheld.

Hi Tom,

Are you sure those goals are mutually exclusive? There are always parts used in a construction project that must be purchased, rather than fabricated. What about an article that builds on a new IC only available from one manufacturer? Isn't it possible that the IC could be homebuilt using discrete components? Why is it reasonable for the IC manufacturer to withold the blueprint of the IC, but software must be disclosed? No offense to anyone, but I don't think this argument is based on furthering the art of Amateur Radio. I think it's based on what some readers percieve to be an unnecessary expense.

>I can't image the software for the tuner is very unique. But it may
>stop good hardware people from doing the project, or software people
>from improving it!

That's really not a fair evaluation. Good hardware people can also be stopped because the *hardware* costs too much or is difficult to obtain. I'm sure many hams would like to build an 8877 linear amplifier, but they're stonewalled by the difficulty (cost) in obtaining the tube, socket, and other hardware.

Believe me, I don't like this situation either. I just don't think it's fair to single out software as an ingredient that must be given away for free in order to make a project suitable for publication.

73,
Jack WB3U

6111. Please re-post info on Portland, Oregon ham store closeout

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: 2WSK000@gc.maricopa.edu
Message-ID: <01HZ6RTD8G76000PLM@gc.maricopa.edu>
Source record: 208268

The store was "Portland Radio Supply" or "Han Radio Heaven"
and the name of the person to contact was Ken.

If anyone has the 800 number and any other info, please e-mail ne or
re-post to the newsgroups.

THANKS.
Steve N7AJP/Phoenix

6112. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819838806.25511@pinetree.microserve.com>
Source record: 208269

Garry Foster <gmfoster@epix.net> wrote:

> And as a league rather than a for profit corporation I feel at
>least some thought should be on what is best for the membership.

First, I think what you're really saying is that some thought should be on what *you* think is best for the membership.

Second, there's no such thing as "best for the membership" except when fundamental policies affecting the existence of Amateur Radio are at issue. We're not a single entity or homogenous group; we're individuals with different needs, wants, likes and dislikes.

>I have made a reasonable living over the years in this general field
>and could not have done it if 30 years ago all the authors thought
>thier work was to valuable to share with those less knowledgeable
>than them selves. You have never been a member and if this trend
>continues I will cease to be one.

I'll say it again - force the League to dismiss articles such as this one and you won't gain a thing. You'll just reduce the amount of otherwise useful material available for publication. The same will happen if you cancel membership, because membership funds ultimately provide the ability to attract qualified authors.

Before I forget,

Happy Holidays to Everyone and Have a Great New Year!

73,
Jack WB3U

6113. WTB: Standard C508a HT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: taucom@kaiwan.com
Message-ID: <4bkjjf$5gk@kaiwan.kaiwan.com>
Source record: 208270

Looking for a used Standard C508a dual band micro HT.

Thanx for any leads....Manny

****
Manny Tau WH6OQ
taucom@kaiwan.com
CI$: 73617,1731
****

6114. MOD FOR HTX-212 NEEDED PLEASE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4bkmp1$7ua@newsbf02.news.aol.com>
Source record: 208271

Hello,
Does anyone know the MOD for the HTX-212 to saving freq's outside the
HAM RADIO band?? I'm not asking to transmit just to be able to store
freqs inside memory channels in the radio.

If you know anything please let me know.

Thanks!
N9MXT1 - Jeffrey
N9MXT - Jeffrey

6115. Wanted: 250hz filters for ts830s

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: paul1@wizard.ucs.sfu.CA
Message-ID: <9512241513.AA12294@wizard.ucs.sfu.ca>
Source record: 208272

Anyone have some that they are willing to part with? Failing that
are there any after market filters that are better than the kenwood ones?

Merry Christmas,

Paul
ve7cqk
email: paul1@wizard.ucs.sfu.ca

6116. FS: Yaesu FTDX-100 and tri band (10,15,20m) Antenna...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: Sarah Tuttle <sarah@soliton.physics.arizona.edu>
Message-ID: <Pine.SUN.3.91.951224173236.23744A-100000@soliton.physics.arizona.edu>
Source record: 208273

I'm in Santa Cruz, bay area is probably as far as I'll sell unless you
want to pay shipping... (its biiiiiig. really big. did we mention heavy? ;>)
Its tubes and transisters. Was my starting radio, and the setup is far
too much to take to school. The antenna is bout 30ft all around and lives
on the roof. offers, questions, email or call. Happy Holidays to everyone!
Sarah Tuttle
(408) 426 3848

6117. Re: Trouble with Yaesu FT900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: Robert Blumenkranz <radiobob@earthlink.net>
Message-ID: <30DE226B.3922@earthlink.net>
Source record: 208274

It was my Ft-900 that Joe was refering to. I went through three of them before they discovered that more than just the micro can cause the problem. In my case after the third Ft-900 from Yaesu, they discovered that I had an bad (straight from the factory) remote head cable. It was causing the problem. But you also need to make sure that you have the latest micro. If not you will have the problem forever.

Mine never shuts off anymore. But I have another beef. I have never been able to see the Noise blanker do anything. I have many other rigs that kill the noise right away, but the FT-900 Noise blanker does not seem to work at all. Anyone else had this problem???

Good luck. 73 Ni6r
Robert Blumenkranz
radiobob@earthlink.net

6118. ATTN: All those posting For-Sale and WTB's in here...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: kyrrin@wolfenet.com
Message-ID: <kyrrin.1133.001CD9B2@wolfenet.com>
Source record: 208275

Folks, there is an alternative to clogging what I thought was supposed to be a technical discussion group with FS's and WTB's.

Specifically, check out rec.radio.swap. It's nothing -but- ads for radios and related gear. Seems to me those of you either looking to move stuff, or pick it up, would have better luck there.

So how about it?

73, de WD6EOS...

==Bruce
(kyrrin@wolfenet.com)

6119. Re: GAP Titan DX Ant - does it work?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: Robert Blumenkranz <radiobob@earthlink.net>
Message-ID: <30DE4542.5EEF@earthlink.net>
Source record: 208276

I have a Gap TITAN. It works on the ground OK. When I
put it on the roof it was a disaster. I could not even
make it resonate! It seems that the counterpoise ground
is very critical and the distance that the antenna is
mounted above ground (a few feet) is also critical. The
antenna works as poorly as any groundplane. The average
dipole or inverted V is a much better antenna. There is
no magic about the GAP antenna. It is really an inverted
dipole on most bands except the low bands. And on those
bands the ground plane is definetly required!
73 Bob Ni6r
radiobob@earthlink.net

6120. Filters for RACAL 6790/GM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: Irene Tosetti <tosetti@mbox.vol.it>
Message-ID: <30DD782B.3612@mbox.vol.it>
Source record: 208277
Cross-posted to: rec.radio.amateur.misc;,rec.radio.shortwave;,rec.radio.amateur.equipment

I am looking for second-hand/surplus symmetrical band pass filters for my Racal receiver RA 6790/GM. Please let me know if you have suggestions about where I could find them.

BANDWIDTHS:
0,3; 1; 3.2 khz or similar.

6121. Racal 6790/gm filters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: Irene Tosetti <tosetti@mbox.vol.it>
Message-ID: <30DD7988.1FC4@mbox.vol.it>
Source record: 208278
Cross-posted to: rec.radio.shortwave,rec.radio.amateur,rec.radio.amateur.equipment,rec.radio.amateur.misc

I am looking for second-hand/surplus symmetrical band pass filters for
my Racal receiver RA 6790/GM. Please let me know if you have
suggestions about where I could find them.

BANDWIDTHS:
0,3; 1; 3.2 khz or similar.

6122. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: Richard Dowling <rpd@alaska.net>
Message-ID: <4bkp6d$cm5@byatt.alaska.net>
Source record: 208279

Ed Hare <ehare@arrl.org> wrote:
>hduff@humnet.humberc.on.ca (Hugh Duff) wrote:
>
>>> This month's QST features a slick microprocessor-controlled automatic
>>> antenna tuner. The design seems solid, and the price for the parts

***stuff deleted

>Even more important here, the author has agreed to supply either a kit, a
>bare pc board or *only* the preprogrammed IC. His charge for the IC is
>$20.00 for a programmed part and socket. The latest Newark catalog lists
>the unprogrammed device for $15.23; I didn't take the time to look up the
>socket, but I bet it is at least a few bucks more.
>
deleted stuff
>a case-by-case basis. In this case, when I consider all the facts and
>the overall availability of the components, I believe we made the right
>choice.
>
>73 from ARRL HQ, Ed Hare, KA1CV, ARRL Laboratory Supervisor
>
>
Ed makes some useful points here. However, one of the main purposes of
Amateur Radio is the furtherence of the art. Witholding the software
that drives a project dependant on that software "art" does little to
advance the state of knowledge of the reader. Since the author obviously
isn't trying to make money on the source code, (at this time, at least)
at least a detailed description of the software, sufficient for the
energetic builder to re-create it, would seem an absolute requirement
for publishing in QST.

Richard Dowling fmr WS6CH

6123. Re: Alinco Radios Are "Not" Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: landisj@nad.com
Message-ID: <1995Dec24.120147.431@nad.com>
Source record: 208280

The only chronic problem that I'm aware of with Alinco radios is that the antenna jacks on the hand helds seem to loosen up. 3 guys in our club have had this happen. Thats 3 out of 4 radios. I have an old Alinco UHF mobile (ALR-72T). Only problem I have ever had with it was that it reset itself once.
YMMV
Joe - AA3GN
--
Joe Landis - Systems and Network Manager - North American Drager - Telford, PA
landisj@nad.com ..speaking only for myself, of course..

6124. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: dxk10@po.CWRU.Edu
Message-ID: <4bi65n$sjf@madeline.INS.CWRU.Edu>
Source record: 208342
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

In a previous article, kilgore@wichita.tivoli.com (Jeff Kilgore) says:

>In article <4a2h30$e59@remus.rutgers.edu>, hillgen@remus.rutgers.edu (Jay Hillgen)
writes:
>|> Gary Borich <GaryBorich@mail.utexas.edu> writes:
>|>
>|>
>|> >As a resident of Austin. Texas, who has unfortunately frequented Austin
>|> >Amateur Radio Suppy, I can attest first hand to their surly, impatient,
>|> >and at times down right abrasive attitude. As a ham for over 40 years,
>|> >I can not ever remember being treated so rudely when asking specific
>|> >questions about an impending purchase.
>|>
>|> WOW! In the past few years, I've spent about $1200 at this establishment and
>|> found that their people were friendly and helpful. As I'm in New Jersey, I was
>|> never a walk-in customer if that makes any difference. At least over the
>|> phone, I've had no problems with them.
>|> Jay
>|> N2OTK
>|>
>|>
>|>
>|>
>
>I have spent a few thousand at AARS in the last couple of years, and have
>always received friendly service. I have no complaints, and will return
>there in the future. YMMV, of course.
>
>Jeff, KC1MK
>

Vote here is positive--I have had excellent service from AARS. So has my
father.

--David
--
David Kazdan, M.D., Ph.D dxk10@po.cwru.edu; Amateur Radio: AD8Y
Anesthesiologist,
Whitacre Department of Anesthesiology, Meridia Huron Hospital,
East Cleveland, Ohio

6125. Re: MFJ 2m and 6m radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: boblucas@netins.net
Message-ID: <0099B4ED.520B6FCE@netins.net>
Source record: 208343

I dont think MFJ has 6 or 2 meter rigs...I have used a dipole on 6M SSB and it worked FB...ran 10 watts to dipole and worked 45 states... and the dipole was in an attic...if band is right, low power and crummy antenna work FB!

6126. Gen Cov. on TS-450?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: boblucas@netins.net
Message-ID: <0099B4ED.87D23EC1@netins.net>
Source record: 208344

Anyone know of the general coverage mod for a TS-450 (TS690)? thanks.,.
Z

6127. Smoke Filled Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: rvr@pacifier.com
Message-ID: <4bi8gp$cda@news.pacifier.com>
Source record: 208345

Well, I just purchased my first previously owned radio through the mail and it arrived and checked out just like the seller advertised. Looks great, works great.

One small hitch, the rig was a one owner who smoked. The shack now smells like old cigarette butts.

Anybody have any experience with eliminating the problem or at least minimizing the odor? I have a dish full of baking soda next to the rig and it helps a bit. Any other thoughts?

Thanks!

Ron

--
Heck, writing is easy. Just sit down and open a vein...

6128. NEED Schematic for DTMF decoder Using SSI202P chip

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: ke6tgn@ix.netcom.com
Message-ID: <4bi81j$hu8@ixnews5.ix.netcom.com>
Source record: 208346
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,sci.electronics,rec.radio.swap

Title pretty much says it all. Need a schematic for a DTMF decoder using the SSI202P chip (I picked up three of the chips at a swap meet for a buck each, they were still sealed in their Rat Shack packaging).

I need a unit that is handheld, uses an LCD screen, and is not connected to a computer.

Thanks!!

John
KE6TGN

6129. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: Garry Foster <gmfoster@epix.net>
Message-ID: <4bicsi$lk7@guava.epix.net>
Source record: 208347

>
>I don't speak in favor of the ARRL very often, simply because past
>policies were often contrary to my best interests. For the same
>reason, I have never been a member. Nevertheless, this is one
>instance where the League has used good judgement. I hope the
>editors will continue to publish useful articles without binding
>the authors to a rigid policy of full disclosure.
>
>73,
>Jack WB3U
Well I am a member, and the reason I support the league with my
membership is that over the years the have been the premier source of
instructiom for those in the hobby. And as a league rather than a for
profit corporation I feel at least some thought should be on what is best
for the membership. I have made a reasonable living over the years in
this general field and could not have done it if 30 years ago all the
authors thought thier work was to valuable to share with those less
knowledgeable than them selves. You have never been a member and if this
trend continues I will cease to be one.

Garry(WB0NNO)

6130. Re: Circuits vs Code?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: Garry Foster <gmfoster@epix.net>
Message-ID: <4biddm$lk7@guava.epix.net>
Source record: 208348

snip
>articles, I'd like to hear a logical argument for keeping source code
>private. Several of us have asked and I've yet to hear a good
>explanation of how code differs from a circuit design? Would QST
>consider publishing a construction article that contained a black
>box, only available from the author (even if at minimal cost), that was
>the major part of the project? The effort and skills that go into a
>good circuit design are at least the same or greater than that which
>go into implementing some program. Yet I can find volumes and
>volumes of circuit designs applicable to and developed by amateurs.
>In the area of software, the pickings are mighty slim. How many
This has been the point I fail to understand in this. I have asked and
and continue to wonder why the special status of software? Having written
a little code myself over the years I haver never found it ant more
diffucult than getting an analog circuit to be stable. The other thing I
have founf is that much of it is buggier than heck. And I'm sure that
many of these small outfits couldn't afford to send out revision 1 and 2
firmware. If source code was available many could fix specific segments
of code even if they didn't have the skills to write the entire program.

Garry(WB0NNo)

6131. FT-757GXII/FC-757AT Users?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: clo@midland.co.nz
Message-ID: <4bij8o$bol@midland.co.nz>
Source record: 208349

I just recently swapped some gear for the above equipment and would
like to establish e-mail contact with others who are using the
same equipment, or have previous working experience with.

Please email me at:

Craig Young
Cambridge,
New Zealand

craig@clo.midland.co.nz

6132. WTB SP-901 (spkr for FRG-7700) and Memory Unit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: "jimfloyd@in.net" <jimfloyd@in.net>
Message-ID: <4bijug$rp2@su3.in.net>
Source record: 208350

Want to buy a SP-901 speaker and the memory unit for my
FRG-7700 Communications Receiver.

Jim, KB9KID
jimfloyd@in.net

6133. Re: icom 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: chbrain@dircon.co.uk
Message-ID: <4bj3js$9q2@newsgate.dircon.co.uk>
Source record: 208351

In article <819750274snz@microvst.demon.co.uk>, "Anthony R. Gold"
<tgold@microvst.demon.co.uk> says:
>
>In article <4bhgnc$kc4@hermes.louisville.edu>
> deshel01@homer.louisville.edu "David E. Shelton" writes:
>
>> What freebies are available from the Icom UK people?
>
>"Bought an IC-706? Icom (UK) are giving away free log-books - and other
Hi,

Well I got my goodies, they consisted of 1 logbook, 1 icom pen,
1 icom on glass sticker and 5 icom qsls! (looks as I wont be working
much DX! this year). Ithe logbook is useful as it has a miniture version
of the ic706 menu card in it.

706s Charles G4GUO

6134. Digital Scope FAQ

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-2412950447290001@wd1v.mv.com>
Source record: 208352

IF... you want the complete version
of this Digital Scope.FAQ file sent
to you automatically as an
ATTACHED FILE <35k TEXT File>......
send me (john@wd1v.mv.com).........
an EMAIL where the subject contains
the text "subscribe scope.faq".....

or go to the WWW page listed at the
end of this file...................

KEY ISSUES REVIEWED IN THE FAQ (in order of appearance)

* DSO INDUSTRY TRENDS (Whats happening in DSO technology this year?)
* DSO FORM FACTORS (What types of DSOs are there?)
* PRIMARY DSO FUNCTIONS (What can DSOs actually do?)
* COMPARISONS (How can I best compare various models)
* APPLICATIONS (What are the most common DSO applications?)
* ADCs (What speed do I really need on each channel?)
* BANDWIDTH & TRIGGER (What numbers and functions are right?)
* ARCHIVAL & MEMORY (How fast, how deep, and can I get more?)
* DISPLAYS (What am I really looking at?)
* MEASUREMENTS (How much is my signal changing over time?)
* DIGITAL SIGNAL PROCESSING (How can I obtain more useful information?)
* DEMOS & PURCHASING (How can I see and get the DSO I really need?)

73,

FYI: The latest version of Digital Scope.FAQ <304> is on my WWW Home Page.
(All opinions are my own, including Digital Storage Scope.FAQ)

Best Holiday Wishes!

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr. |_| |_| www http://www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
LeCroy Sales Engineer | | | | | 800-553-2769

(H) 603-668-1096 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

6135. FS: Kenwood TS 180S HF Transceiver

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: KF5KF
Message-ID: <4bicpo$iol@giga.bga.com>
Source record: 208353

For Sale - Like New, Kenwood TS 180S HF Transceiver. 160-10 Meters. Sorry, No WARC bands. Digital Display, SSB, CW, FSK. 200 Watts PEP SSB input. Includes all operating and service manuals, in original box. Also includes 30 amp metered Power Supply. Will deliver and set up in Central TX area.

Great starter rig without paying the high dollars.

$600 including Power Supply.

Bob Redoutey KF5KF
Round Rock, TX
redoutey@bga.com

6136. Re: Ameritron AL811X

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-24 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <4bjfs1$o1@crash.microserve.net>
Source record: 208354

Coen Waasdorp <waasdorp@inter.nl.net> wrote:

>Hi all
>
>Does anyone have any experience with the Maritron AL811X 600W HF
Linear?
>I am very interested to know.

Can't tell you much about that specific amplifier, but I use an old
Gonset with (4) 811A's. These tubes easily output 1KW peak on SSB and
700-800 watts CW. They last a very long time and they're cheap.

As for Ameritron, I constantly run into folks on the air using their
amplifiers. I've yet to hear anything but good about the products and
the company.

73,
Jack WB3U

6137. Collins Transceiver KWM2 Want to buy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: dd@bga.com
Message-ID: <4bncd0$4mm@giga.bga.com>
Source record: 208205

Looking for Collins Transceiver KWM2

Pls. reply to Neel Eubank c/o Dan Daugherty (dd@bga.com)

6138. Re: Standard C-112 VHF Handheld?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4bncf5$rtr@oskgw.osk.sony.co.jp>
Source record: 208206

Dear John:
You are sh-t out of luck may be.
From over 5 years ago, the Japanese PTT has asked Japanese manufacturers to abid by an unwritten rule. It is called the J mark. On the side of the carton of the radio, there is
a triagular symbol with a letter "J" inside. This mark indicates that the radio is not modifiable. Pre-88 or so radios were easily mod'd for expanded rx and tx.
(I know for a fact that the Standard C500 was ok I had one, and so was the first bunch of C520's but not any later models) At that time, the Japanese police were still on VHF and probably had a lot of interference, before moving up and in to SS.
If you radio was old stock, ie there was no J mark on the carton it should be modifiable. Standard radios typically needed to have a diode removed to expand rx and another diode added or removed to add expanded tx. If it is a J marked radio , it is possible to expand the rx range but not the TX. One has to change the original CPU to a export model's cpu..
You should contact the Standard sales / service station near by.
Many pre-J mark era Japanese domestic models needed only a wire cut aka the typical US Mars/CAPs mod, but not all. I have access to some mod'd lists at home, but I don't remember if the C112 was listed. I threw away all my old catalogs, so I can't remember what vintage a C112.
Stardard has their own type of battery back design. The only compatible battery back in the USA that I know of is Heathkit's. Heathkit at one time OEM'd VHF radio's from Standard, and thus some Heathkit battery back may be available. This goes similarly for the instruction manual, I know for a fact that the instruction manual for the C500 was available form Heathkit, because I gave my dad a C500 for a present. He couldn't understand the manual either so we ordered an english version from Heathkit for a few dollars. I don't know if Heathkit carried a oem version of the C112.
Good luck with your CPU change.
Peter
PS some later models could be mod'd with a keyboard command sequence upon turning power on, but again this mod is only good for pre-J mark vintage radios for expanded TX.

6139. radio shack dsp help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: brucej@aardvark
Message-ID: <4bnbqi$a9q@panther.apana.org.au>
Source record: 208207

```
can anybody help me with the model number
of the radio shack dsp filter thanks
de vk3dht
brucej@aardvark.apana.org.au

--
------------------------------------------------------------------------------
AARDVARK Public Access Internet - Melbourne, Australia - (03) 562-0599
```

6140. Ten-Tec OMNI-VI-Help Please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: lmilrad@passport.ca
Message-ID: <4bnk6u$2rp@diplomatic.passport.ca>
Source record: 208208

I'm seriously considering purchasing the above unit (although not necessarily a brand new one).

What I would appreciate knowing is whether the Model 563 is the most current version and also what is the latest revision or modification no.

As well, all comments, both positive and negative, would be appreciated.

Finally, if you have any suggestions on minimal configuration (phone and digital use only), they would be greatly appreciated as would any leads for pre-owned units.

Thanks in advance.

--
Lou Milrad-VE3TRY
lmilrad@passport.ca

6141. duh

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: jgkamm@mis.net
Message-ID: <4bnc69$5m@netnews.mis.net>
Source record: 208209

[No readable article body recovered]

6142. Manual for ICOM IC-24AT Please!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-2512951152490001@ppp30.dowco.com>
Source record: 208210
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

I am in desperate need of the Manual for the ICOM Dual Band HT IC-24AT.

A photocopy would be just great and I will reimburse for your time and expenses.

Please reply via E-Mail

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club VA7SM - "To boldy VHF where no ham has VHFed before"

6143. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: Thomas Martin <tmartin@teclink.net>
Message-ID: <4bmh03$fu4@felix.teclink.net>
Source record: 208211

I read your message about your Alinco DR600 with it's software glitches in remote control mode. I have one that would display the wrong frequency after turning off crossband mode from an HT. Just out of curiosity, what kind of problems are you experiencing?

Thanks in advance....
Thomas Martin (N5ZNO)
tmartin@teclink.net

6144. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: Thomas Martin <tmartin@teclink.net>
Message-ID: <4bmh4q$fu4@felix.teclink.net>
Source record: 208212

Kenwood is definately guilty of sending out different models of radios with the same problem. I know several people with Kenwoods that have the old problem with the display going haywire and also several friends have the problem with the top row of mic buttons not working correctly. (intermittant short).

Thomas Martin (N5ZNO)
tmartin@teclink.net

6145. ts-830s with 6 meters for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: "YOUR_ID@AWOD.COM" <"MY NAME">
Message-ID: <4bkq7a$64o@harbour.awod.com>
Source record: 208213

```
>
> ----------------------------------------------------------------------
>
> Newsgroup: rec.radio.amateur.equipment
>
> (Earliest articles...)
> (Earlier articles...)
>
> * re adjusting DAIWA SWR meter - Danie Brynard (10)
> * RX coverage on IC475 - Danie Brynard (2)
> * re Daiwa Power Meter - Danie Brynard (10)
> * Alinco DR-MO6T or Azden 6mt any good - ZaaX (5)
> * Re: Do DSP's really help? - Conway Yee (119)
> o W8JI Tom (29)
> * Re: Cellular Phone Radio - Rhyolite95 (4)
> * Comparing Tiny HF (w/6m) Mobile Rigs - Robert J. Carpenter (28)
> * Need help identifing MOTOROLA radio - Skip Withrow (16)
> * Alinco radios are not junk - Scott Rosenfeld NF3I (13)
> * Gripe about QST Automatic Tuner Article
> o Zack Lau (37)
> + WB3U (47)
> + Garry Foster (24)
> + WB3U (31)
> o Hugh Duff (46)
> o Doug Faunt N6TQS +1-510-655-8604 (9)
> * 5$ Mod. For Dead HT Batts!
> o Kenneth M. Gianino (14)
> o Brian Williams (25)
> * Alinco Radios Are Junk
> o Thomas Brockdorf AA9IS (34)
> o WB3U (13)
> o WB3U (9)
> * IC 706 "Expanded 2 Meter TX" Mod, - Mike Aust (26)
> * Yaesu FT-51R Major Mod - daneke@interserv.com (47)
> * FT-530 NI-MH battery pack - Jim Higgins (8)
> o Brass Hat (6)
> + Rhyolite95 (4)
> * TS-870 Comments - Ed Harrington (3)
> * Re: IC-706 Filters - James Garland (23)
> * RE: IC-706 Filters - Mike Aust (106)
> * Wanted Motorola MFC 6070 i.c. chip source? - eugene@ loop.com
> (2)
> * Re: IC-706 Filters - Mike Aust (19)
> * Re: Help ! Manual Needed For Kenwood 520SE - Brian Williams
```

> (12)
> * Re: Alinco DX-70? - Brian Williams (12)
> * R-725 (R-390A Variant)??? - N5OFF (12)
> o Radiomatt (13)
> * Alinco - Allen Skaggs (9)
> * RE: RAYTHEON TUBE RADIOS-RAY-TEL PWR 2 - PWR 4???? - Jman1173
> (7)
> * WTB: Hallicrafters S-38C Exc. or Mint Only - Michael Neidich
> (2)
> * Ameritron AL811X - Coen Waasdorp (7)
> o WB3U (18)
> * Re: FT-990 MARS/CAP mod please! - Jim Reville (11)
> * Help ! Need Manual For Kenwood TS520SE - Frank Plumptre (11)
> * (none) - Bobby Raymer (2)
> * Circuits vs Code? - Todd Little (28)
> o WB3U (79)
> o Garry Foster (23)
> + W8JI Tom (32)
> + WB3U (37)
> * various test gear/ham - Michael Zero (16)
> * Re: HEATH HAM-SCAN - WB3U (13)
> * LOOKING FOR: - Chris Boone (10)
> * Is Kenwood loosing it or what?
> o Don Simpson (11)
> o Danie Brynard (6)
> * RE: Ten-Tec rig-Thanks!! - Steven Fritts (9)
> * icom 706
> o "David E. Shelton" (2)
> o "David E. Shelton" (4)
> + Charles Brain (16)
> o "David E. Shelton" (9)
> * Info Wanted on Kenwood TM-733A - Kcc007 (12)
> * q - ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ï¿½ (2)
> * WTB: Heath SB-614, SB-634, and SB-604 - Jack Glidden (12)
> * VHF MARS mod for IC-706 - Pieter Ibelings (43)
> * Re: Alinco Radios Are "Not" Junk - jls (14)
> * Re: MFJ 2m and 6m radios - boblucas@netins.net (4)
> * Smoke Filled Radio - Ronald Ries (18)
> o "C. J. Hawley Jr." (20)
> + WB3U (31)
> * Want opinions/experience with Hamtronics equipment - P.Bennett
> (11)
> * NEED Schematic for DTMF decoder Using SSI202P chip - Wanda M
> Desmond (11)
> * TS-440S parts - Bull 66 (5)
> * HAM RADIO GARAGE SALE !!!!!!!!!!!!!! - mw@hula.net (17)
> * Need specs for IC820H dual bander - Danie Brynard (7)
> * For Sale Icom R71A - Michael T. Hodgson (18)
> * q - Eddie Stark (2)
> * Re: Opinions please -- Ten-Tec Paragon II - WB3U (29)

> o "David E. Shelton" (20)
> o Greg Buhyoff (15)
> * Yes, Kenwood is losing it
> o WB3U (12)
> o Bull 66 (7)
> * Re: HTX-212 mod needed - Robert E. Garland (42)
> * Mods for Uniden/Bearcat 50XL ? - Andy Swain (11)
> * Kenwood TR-9130 Parts Needed - "Christopher A. Bowne" (6)
> * Re: Ten Tec Centurion Amp Comments - Felix G. Sassano, M.D.
> (13)
> o Greg Buhyoff (13)
> * Prices stink - daneke@interserv.com (20)
> * FS: Kenwood TS 180S HF Transceiver - Robert Redoutey (14)
> * Re: FT-980 CAT PROGRAM - Ed Coan (17)
> * 2m/220 HT, ICOM or STANDARD?? - My name is... (4)
> * Any mods for the Icom IC 2350H - J.FOX (5)
> * Re: Austin Amateur Radio Suppy - Robert Needleman (68)
> * Please re-post info on Portland, Oregon ham store closeout -
> Steve Kagan (8)
> * WTB: Standard C508a HT - Manny Tau, Psy.D. (11)
> * VARIAN MICROWAVE AMPS and related gear MUST SELL or TRADE -
> Johnny B. Goode (29)
> * MOD FOR HTX-212 NEEDED PLEASE - N9MXT1 (11)
> * Santa's Xmas Gift to you all - Santa (14)
> * FS 1.2GHz NEW REPEATER - Anthony O. Cardenas (14)
> * WTB: HF Wattmeter or SWR Meter - Steven Fritts (9)
> * FT-757GXII/FC-757AT Users? - Craig Young (12)
> o Dick DiVittorio (32)
> * F.S.or Trade D-104 - Steven Fritts (9)
> F.S. TS-830S WITH 6 METER TRANSVERTER
> --
>

6146. FS 1.2GHz NEW REPEATER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4bkq40$gig@kaiwan.kaiwan.com>
Source record: 208281

This is the ICOM Model 1220 Repeater Package.
It includes: The Repeater, Duplexer, Timers,
Power Supply and Manual. It is NEW in the box.
It has been bench tested and is perfect in condition.

New cost: $3,200
Your Cost: $2,500

Contact: Jim Champion N6UKN
(310) 534-2969

Thanks! (I'm posting this ad for him).
Tony WA6IGJ

6147. WTB UHF MICOR RPTR LoSplit

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4bkpvs$gig@kaiwan.kaiwan.com>
Source record: 208282

Can you help?

Our Ham Radio Club is looking for a used Motorola UHF Micor Repeater,
low-split.

We prefer 90 watts, and in very clean condition. Know anyone in the
two-way radio business that may have one?

Please EMail replies to: cardenas@kaiwan.com
or call: 310-549-5520

Many thanks!
Tony
WA6IGJ

6148. WTB: HF Wattmeter or SWR Meter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4bkre0$8bg@news.usit.net>
Source record: 208283

Do any of you have a HF Wattmeter or SWR meter with watt indicator to sell? Looking for something like an MFJ 941 or Drake wattmeter.

Thanks!

Steve
WA4GZE

6149. F.S.or Trade D-104

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4bl3f8$90m@news.usit.net>
Source record: 208284

I have an amplified D-104 that I would like to trade for an MC 50 or 60 microphone for my Kenwood HF rig. Might consider selling outright also.

Thanks,
Steve WA4GZE

6150. What receiver is good for me?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: Nereus@hitel.col.co.kr
Message-ID: <4bl7mq$3q1@news.kreonet.re.kr>
Source record: 208285

Nice to meet you.

I want a world band radio. I have use a old one which is not digital.
So I decided to buy a short wave radio.

I want a model of SONY because they are very popular at my place.
The model are ICF-SW30, ICF-SW33, ICF-SW7600G .

I don't like to listen the ham band but standard English
broadcasting.
Please help me choose the model.
Good Buy.

6151. Dual Band IC-245

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: carlosr@csulb.edu
Message-ID: <4blghf$aaj@garuda.csulb.edu>
Source record: 208286

[No readable article body recovered]

6152. Re: NEED Schematic for DTMF decoder Using SSI202P chip

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: jlundgre@delta1.deltanet.com
Message-ID: <4bljl2$lkr@news2.deltanet.com>
Source record: 208287
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,sci.electronics,rec.radio.swap

Wanda M Desmond (ke6tgn@ix.netcom.com) penned:
: Title pretty much says it all. Need a schematic for a DTMF decoder
: using the SSI202P chip (I picked up three of the chips at a swap meet
: for a buck each, they were still sealed in their Rat Shack packaging).

: I need a unit that is handheld, uses an LCD screen, and is not
: connected to a computer.

: Thanks!!
: John
: KE6TGN

If you got R-S parts, then the schematic should be stapled to the
package. It had several pages of info, basically the whole data sheet.
If you need it, SASE and I'll send a copy.

--
#==========H==A==P==P==Y=====H==O==L==I==D==A==Y==S==!==!==========#
John Lundgren - Elec Tech - Info Tech Svcs.	jlundgre@delta1
Rancho Santiago Community College	.deltanet.com
17th St @ Bristol \ Santa Ana, CA 92706	http://rsc.rancho
My opinions are my own, and not my employer's.	.cc.ca.us
"You can flame your brains out -- it won't take long."
I have gone out to look for myself.. If I should
return before I get back, hold me until I get here.
#======P=G=P==k=e=y==a=v=a=i=l=a=b=l=e==u=p=o=n==r=e=q=u=e=s=t======#

6153. Mocom 70 to 70cm Packet

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: gayle@ldd.net
Message-ID: <4bn890$9ot@sparky.midwest.net>
Source record: 208288

Hope someone out there can help with this...

I have an old Motorola Mocom 70 UHF rig with the following info:

MODEL # --------- U44BBN3110A
TRANS TYPE --- CC4112
SERIAL # ---------- NC173M

Is it possible to put this rig on 441.050 MHz for 9600 bps packet?

If the 441.050 freq is beyond the abilities of this old radio, what
about 446.075 MHz at 9600 bps?

I have pretty much zero tech info on this radio... I got it about two
years ago at a 'fest from an ARES group that had a ton of the things
they were selling to raise a few $$$... For $25, I figured it was at
least a good donation! ;-)

Anyway, I'm tired of tripping over the blasted thing and the XYL
(N0UTX) is _really_ tired of cleaning around it! If I can press it
into service on packet, that would be great.

Any help, info, ???? on converting the Mocom to one of the above freqs
(prefer 441.050) at 9600 bps would be greatly appreciated!

Take Care & 73

Marty Albert -- KC6UFM
PO Box 717
Fredericktown, MO 63645

6154. Re: New Ham Web Site with Information Content

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: "Peter C. McNulty" <wa1sov@localnet.com>
Message-ID: <4bmkv2$6d5@prometheus.localnet.com>
Source record: 208289
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space,re

Also see WEB Site at for interesting Ham Radio
Links.URL:http://www.localnet.com/~wa1sov/

6155. Re: Vertex UHF Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: cweddle@astro.as.arizona.edu
Message-ID: <4bl7vb$j8m@news.ccit.arizona.edu>
Source record: 208290

Jeff Fischer@thefishnet.com (JEFF FISCHER) writes:
>I have a Vertex 4 channel UHF mobile radio that I need to get
>programmed. Looks like a Motorola, but not too sure about this radio.
>Anyone know anything about one.

I own a 24 channel Vertex VHF. It programs via a PC interface/SW package
from the dealer. As I recall, our local dealer gets around $15 to
load up a unit's memory. The connection is thru the mic jack. A cable
with some interface circuit molded into the DB25 on the PC end is needed,
along with the Vertex SW. Suggest finding a local dealer. Last I checked,
the cable and SW were about $45 to buy outright, and they sell to anybody.

If it helps in finding a dealer, "VERTEX" is the commercial line put
out by YAESU. Perhaps a Yaesu dealer could assist you??

Chris, N7RME

6156. re need schematic fo 706's cpu

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4blque$amr@oskgw.osk.sony.co.jp>
Source record: 208291

Hi:
I am looking for a copy of the schematic of the cpu section of a IC-706.
If any one would be kind enough to email a scanned copy of the schematic to me
would be greatly appreciated. Don't worry about the file size, my email spool
is huge.
Peter

6157. Re: Advice on R-7 and grounding(2nd floor shack)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: CBAX63A@prodigy.com
Message-ID: <4bm01v$27bi@usenetp1.news.prodigy.com>
Source record: 208292

It's not clear how much power you are using but if you are using over 200 watts or so I do strongly suggest that you use ONE ground strap as short as possible directly straight down from the rig with the longest ground rod available.

Use a couple low pass filters maybe one between the Transmitter and Antenna Tuner and if necessary an additional one between any Exciter and Amplifier. Have a Television nearby to check how clean you signal is or listen to you own Stereo System, Telephones, etc. for any problems.

I have a second story shack also at full legal power and have always used the Artificial Ground Tuner made by MFJ even on my past first floor shacks with good short grounds. The manufacturer advices that the subject tuner acts as a counterpoise needing no direct ground connection just a cut wire of a certain wavelength. They also advise, and I use, the unit wired in series with the best direct ground I can make then follow the rather detailed but simple tuning instructions. Again listening to your own electronic devices within your home helps tremendously.

I would be interested in knowing what you intended to accomplish with so many unattached ground rods straps around your antenna mast. I'm sure you were reading something that gave you the idea.

Hope this helps.
-
ROLAND S GETER SR
WB6LNA
CBAX63A@prodigy.com

6158. Dual Band IC-245

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: carlosr@csulb.edu
Message-ID: <4bmhrq$ndc@garuda.csulb.edu>
Source record: 208293

I would like to get information on this old Icom radio. I know that it is an all mode transceiver. Somebody wants to sale it to me for $200. I would like to know if it has tones to hit the repeaters and if the price is reasonable. All your help would be appreciated.
Carlos

6159. Re: Circuits vs Code?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4bmirh$j6j@newsbf02.news.aol.com>
Source record: 208294

Hi Jack,

In article <819837219.25511@pinetree.microserve.com>,
jackl@pinetree.microserve.com (WB3U) writes:

>Hi Tom,
>
>Are you sure those goals are mutually exclusive? There are always
>parts used in a construction project that must be purchased, rather
>than fabricated. What about an article that builds on a new IC
>only available from one manufacturer? Isn't it possible that the
>IC could be homebuilt using discrete components?

OK, let's look at that. Suppose the manufacturer ONLY provided pin in's
and pin out's of that chip, and did the rest of the entire project. And
they gave you no hint of wow the IC handled the problem. Do I think they
should have an article printed? Heck no. It would be a self-serving
article.

> Why is it
>reasonable for the IC manufacturer to withold the blueprint of the
>IC, but software must be disclosed?

They don't do that very often. The only time they do is if is a custom IC
that they want to restrict access to so they can control it! Virtually
every chip has pin in's and pin out's, function block, and detailed specs.
If they don't and are sole sourced, they DON'T belong in a learning
article.

>No offense to anyone, but I
>don't think this argument is based on furthering the art of Amateur
>Radio. I think it's based on what some readers percieve to be an
>unnecessary expense.

I disagree. It smells of selfishness, a lack of consideration for the
builders, and detracts from the educational value of the project. It's
fine in a consumer device, but not in a fellowship where people are
supposed to be helping each other.

>>I can't image the software for the tuner is very unique. But it may
>>stop good hardware people from doing the project, or software people
>>from improving it!
>
>That's really not a fair evaluation. Good hardware people can also
>be stopped because the *hardware* costs too much or is difficult
>to obtain. I'm sure many hams would like to build an 8877 linear
>amplifier, but they're stonewalled by the difficulty (cost) in

>obtaining the tube, socket, and other hardware.

There's a huge difference. The builder could select another similar tube, and with appropriate voltage adjustments....plow right ahead. The true analogy is more like doing a project with a complex circuit block that has no published data. The tube is much too simple a device, so it doesn't really compare to the micro. Besides, any tube has it's internal functions fully defined for the public!

>Believe me, I don't like this situation either. I just don't think
>it's fair to single out software as an ingredient that must be given
>away for free in order to make a project suitable for publication.

I sure do, they could at least include a flow chart. I think it's very poor judgement to withold critical (or even interesting) information on a "public project". Suppose I did a nice phased receiving loop article, and withheld details on combining networks and phase shift systems that were key to the system's performance. Suppose I offered the missing system block as part of a "kit" available only from me. That's a much better analogy. Someone else could design a new phasing block, but why not make my work available so they had a baseline to work from? Is the object here to get paid for our work, or to help others? If it's to get paid, they did it the correct way. If it's to help others, they didn't.

Withholding a key area of a project shows poor consideration for the readers. I certainly see why some people are upset.

73 Tom

6160. Re: FS: Kenwood TS-850S/AT with 3 filters for $1,350

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: Charles Hobley <CHARLESHOBLEY@MSN.COM>
Message-ID: <c197cb$c336.311@news.ak.net>
Source record: 208295
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG) writes:
> FOR SALE: Kenwood TS-850S/AT, has factory installed
> auto antenna tuning unit, three optional filters (one
> SSB, two CW). No modifications, no damage history.
> One owner, non-smoker. Comes with hand mic, manual,
> original boxes, packing, and accessory connectors.
> Price $1,350 firm. Buyer pays shipping charges.
> Contact me via telephone or e-mail for more info.
> I WILL NOT SELL THE FILTERS SEPARATELY.
>
> Dean Hemphill, KC5NG, Lake Dallas, Texas
> (817) 497-5365 evenings and weekends
> E-mail --> QRP%mimi@magic.itg.ti.com
>
>

6161. Re: FS: Kenwood TS-850S/AT with 3 filters for $1,350

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: Charles Hobley <CHARLESHOBLEY@MSN.COM>
Message-ID: <c197cb$c362d.3de@news.ak.net>
Source record: 208296
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

QRP%mimi@magic.itg.ti.com (D W Hemphill KC5NG) writes:
> FOR SALE: Kenwood TS-850S/AT, has factory installed
> auto antenna tuning unit, three optional filters (one
> SSB, two CW). No modifications, no damage history.
> One owner, non-smoker. Comes with hand mic, manual,
> original boxes, packing, and accessory connectors.
> Price $1,350 firm. Buyer pays shipping charges.
> Contact me via telephone or e-mail for more info.
> I WILL NOT SELL THE FILTERS SEPARATELY.
>
> Dean Hemphill, KC5NG, Lake Dallas, Texas
> (817) 497-5365 evenings and weekends
> E-mail --> QRP%mimi@magic.itg.ti.com
>
> Please call me I want to purchase your radio. WB5ZLT
Is my call I am listed in the phone book in Houston, Tx
I would Like to pick it up tommorow.

6162. Mobile CW Iambic Paddles?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: bmitchel@kodaki.kodak.com
Message-ID: <4bmpkq$stc@kodak.rdcs.Kodak.COM>
Source record: 208297

Hi everyone. Now that Christmas is past, I can start
a search for a good mobile iambic paddles.

Any opinions? I have a stick shift truck. I was borrowing
a friends ten tec key, but needed to return it, so I'm
without one for now. I would like it to be able to be mounted
to something. :-).. 73 es Merry Christmas.
Brad WB8YGG
.

6163. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: rst-engr@oro.net
Message-ID: <4bmsjm$r4f@hg.oro.net>
Source record: 208298

ahall@netline.net wrote:

>Please - take some advice
[snip in consideration of bandwidth]

A little off direct point, but here we go with the bitching and moaning of an RF engineer who has been making this stuff for almost thirty years.

Everybody wants a thousand memory channels, five hundred odd-split memories, a digital clock with five time zones, an alarm that warns you of an impending anniversary, and puts out half a kilowatt on a single AA cell (rechargeable).

When the manufacturer shoehorns all that crap into the matchbox-sized case you wanted by dint of little tiny parts with little tinier solder joints and littlelittle itsybitsy wires connecting the boards together, it is going to fail. The more parts, the better the odds it is going to crap out, and if you want to know just how soon, go through the following math: Figure each part has 99.9% reliability for a ten-thousand hour life. Figure two thousand parts in the little booger and you find that roughly 15% of the radios will make it to the ten thousand hour point. 85% of them will have crapped out somewhere along the line. 99.9% @ 10,000 hours, by the way, is one hell of a reliability to ask of ANY component, much less one that is beat up, slammed down, twisted round, and generally given about as much care as the average trash can.

What's the answer? Demand radios that do what you want -- communicate. PL? Of course. Memories? How many of you use ten, no less twenty, and sure as hell not a hundred. A couple of watts for a HT and twenty watts for a mobile? Sounds about right. Asking for more is asking for less reliability. It ain't rocket science -- the equation for reliability is well known.

Back when I was fixing TVs to work my way for high school prom money, Zenith had an ad campaign showing all the parts it could take out of their TV sets and still have the TV "work". Whenever we got a Z in for repair (and we did, on a regular basis) we always said that if they hadn't put all those damned parts in, they wouldn't have failed and taken out the rest of the circuit when they did so.

My engineering paragon has always been the engineer back at Old Man Muntz' shop that designed a TV set with five (count em, five) vacuum tubes. Each tube did about half a dozen jobs in a Muntz by a clever scheme of bypassing and coupling, and I'll be damned if those old

Muntz sets didn't have the best reliability of the bunch.

KISS and BURP.

Jim

Jim Weir VP Engineering | "We seem to be standing on
RST Engineering | the foreskin of technology."
Grass Valley CA 95945 | (Gen. Chuck Yeager)
voice/fax 916/272-1432 |
rst-engr@oro.net AR Adv WB6BHI CFI A&G/Comml Inst A&G/A&P/C-182A N73CQ

6164. Re: Smoke Filled Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: cjones@ix.netcom.com
Message-ID: <4bmss1$ce0@cloner2.ix.netcom.com>
Source record: 208299

In <4bi8gp$cda@news.pacifier.com> rvr@pacifier.com (Ronald Ries)
writes:
>
>Well, I just purchased my first previously owned radio through the
mail
>and it arrived and checked out just like the seller advertised. Looks
>great, works great.
>
>One small hitch, the rig was a one owner who smoked. The shack now
smells
>like old cigarette butts.
>
>Anybody have any experience with eliminating the problem or at least
>minimizing the odor? I have a dish full of baking soda next to the rig

>and it helps a bit. Any other thoughts?
>
>Thanks!
>
>Ron
>
>--
>Heck, writing is easy. Just sit down and open a vein...
>
Ron,
You might try a good circuit cleaner like a freon-based component
cleaner or contact cleaner. Pop open the case and bathe the boards in
cleaner. You'll be amazed at the color of the fluid as it drips off
the boards...yuk!!! This should help.

73s
Clay KI5KT

6165. ...TEKTRONIX OSCILLOSCOPE...

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: fbagg@corpcomm.net
Message-ID: <4bn17g$nds@news.corpcomm.net>
Source record: 208300

I have a TEKTRONIX model 2215 scope for sale. It is a 60mhz bandwidth and dual trace with dual time bases giving you 4 traces to look at. It has delayed sweep and many other features. I paid $1400 + for it and I will sell it for $750. Got into computers and haven't had a need for it. Fred

6166. amp for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: jweiner@lfelem.lfc.edu
Message-ID: <DK4I3G.L1I@news.zippo.com>
Source record: 208301

ALPHA 76A HF LINEAR AMP...$1200.00 OR TRADE FOR ROLEX WATCH.....

6167. Mini Products HQ-1 Mini-Quad

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: wa8ulx@aol.com
Message-ID: <4bnb5h$otq@newsbf02.news.aol.com>
Source record: 208302

Hi Im looking for parts pices or whole units I can be reached at
504-8937227 or WA8ULX&AOL.COM 73 Bruce

6168. Yaeusu Ft101 Service Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: wa8ulx@aol.com
Message-ID: <4bnb9m$oun@newsbf02.news.aol.com>
Source record: 208303

i HAVE FORT SALE Ft101 Service Manual I can be reached at 504-8937227 or WA8ULX&AOL.Com 73 and thanks Bruce

6169. RCA Commercial Equiypment For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-25 00:00:00 UTC
From: wa8ulx@aol.com
Message-ID: <4bnb05$osj@newsbf02.news.aol.com>
Source record: 208304

Hi I have several rca Commerciual Units Xtal controlled 2mTRS AND 440 ALSO
HAND mICS aND dESK mICS pLUS Service Manuals for Many Commercial Rigs
Motorola Manuals RCA and G.E if interested I can be reached at
504-893-7227 or wa8ulx&AOL.Com thanks Bruce 73

6170. Re: Circuits vs Code?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: Garry Foster <gmfoster@epix.net>
Message-ID: <4bps8r$d9l@guava.epix.net>
Source record: 208105

jackl@pinetree.microserve.com (WB3U) wrote:
> w8jitom@aol.com (W8JI Tom) wrote:

SNIP
>
>
>don't think this argument is based on furthering the art of Amateur
>Radio. I think it's based on what some readers percieve to be an
>unnecessary expense.

>73,
>Jack WB3U

Well Jack in my case you couldn't be more wrong if you tried real hard. I mean the man only wants $20.00 for the programmed controller. I haven't looked up the price of the virgin controller, but I can't imagine that I could save $5.00 doing it myself if I had the programmer. So the problem certianly isn't saving money. The problem is what if I spend the 150.00 and the code has problems? Or I get to much rf in and burn the dang thing out in three years. The chip will still be available but more than likely the author won't program it for me.

And the most important thing is that I won't learn a dang thing from this even if I spend the $150.00 to build it. "L" networks have been covered many times over the years. And I have been soldering for more years than I care to remimber. However I have never studied the code for a micro controller based auto tunner. I do have every article ever published on auto tuners in the amateur field. And even one from a Navy publication back in the 50's. What intrests me about this on is its lack of a phase dectector. Allmost all the servo based tunners, and the circuit for the Icom tuner use both phase and magnitude detectors. The lack of a phase detector in this project concerns me. Therefore out of curiousity if nothing more I'd like to see the logic behind this tunner.

And I can't imagine that I am the only member of the ARRL that has similar intrests.

Oh by the way with the cost of membership these days none of us who are members can be to cheap or we would just go to the library.

I no longer subscribe to any other publication and really miss Jim Fisk and his great publications.

I may still order the product as the price is right. I might even consider an additional 50 bucks for commented source code.

Garry WB0NNO
ARRL Member

6171. Re: Alinco DX-70?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4bpser$d5d@ssi.syspac.com>
Source record: 208106

little@pecan.enet.dec.com (Todd Little) wrote:

>All the recent Alinco bashing aside, can anyone relate any experiences
>with the new Alinco DX-70? A local ham here is looking for a new HF
>rig and wouldn't mind also getting on 6 meters. I'd love to hear any
>comments positive or negative that I could relay to him.

Hi Todd,

I have had my DX-70 for abt 4 months now and love it. The noise blanker stinks but I am told that Alinco has a fix and all I have to do is ship it up to them for the mods. I use it both mobile and fixed and it performs well. Fixed on 6 meters is a hoot and I have had a ball on this "new OLD band". I can recommend it highly.

BTW, I have the split cable and run the rig separated ... Great in the car and handy in the shack. I velcro'ed the head to the console above my FT990 and can monitor whatever I like. Also works nice to receive RS-12 with the 990 Xmitter.

Have fun & GL

cdn

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

6172. Re: RFI FROM FORD EXPLORERS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4bpsun$dvv@ssi.syspac.com>
Source record: 208107

Peter Bealo <peter.bealo@iis.varian.com> wrote:

>A short time ago someone posted the FORD TSB # for the fix to the
>Explorer's RFI problem from the fuel pump....could someone please post
>the number again for me. Before Christmas the issue was moot for me (no
>HF rig for the car avaialable)...now its not, so I promise to pay MUCH
>MORE attention.

>Thanks and 73's

>Peter.Bealo@iis.varian.com

>WB2MJG@WB1DSW.NH.USA (for packet enthusiasts)

Try Ford TSB 95-11-3 From cliffor1@ix.netcom.com (Clifford Uyeda) 5
Dec 1995

gl

cdn

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

6173. WTB: Heath SB-634, SB-614, and SB-604

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: glidden@greene.pgh.net
Message-ID: <4bpvl7$805@dropit.pgh.net>
Source record: 208108

I am looking to buy a SB-614 Monitor Scope
SB-634 Station Console
SB-604 Speaker
SB-230 Amp (maybe)

Need to have them in working order and would perfer with manuals.
If you can help pleas E-mail as access to this group is random as best

Thanks......

6174. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: brasshat@aol.com
Message-ID: <4bpvei$gha@newsbf02.news.aol.com>
Source record: 208109

use a transformer

6175. Sony Radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: brasshat@aol.com
Message-ID: <4bq25p$h9v@newsbf02.news.aol.com>
Source record: 208110

I have a 55
It is a great radio I can here wwv on 5-10-15 mc.Is my earthquake radio
and bench radio. it recived better then my frg-7(I sold it.). some of the
early radios
came with a hard plastic case and a soft radio case-the new ones have 2
soft cases. I like it a lot- it not for ham radio like the frg-7 or R-71a
if you are not using it for ham use its fine small lots of goodies.

gary W6UV

6176. Re: Vertex UHF Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: "Jeff Fischer"@thefishnet.com
Message-ID: <8B7A57F.007400128A.uuout@thefishnet.com>
Source record: 208111

```
-> That radio is a Yeasu Business Band Division not Motorola! It uses a
-> computer program and interface to program. You can make arrangements
-> with Lewis at Radio City (http:\\www.radioinc.com) to ship it and he
-> can program it for you. It may also need to be aligned for the ham
-> band.
-> 1(800)426-2891
->
-> 73's
->
-> Kirby KA0ZTS
```

Thanks so much. Will have to give them a call. Actually I want to keep it in the commercial band, just need to get it reprogrammed.

thanks
Jeff KB4MKL

6177. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: John Fallows <fallowsj@cadvision.com>
Message-ID: <4bp3ip$11e4@huey.cadvision.com>
Source record: 208112
Cross-posted to: rec.radio.shortwave,alt.radio.pirate,rec.radio.amateur.equipment

thor@dodo.crown.net (Lincoln Thormahlen) wrote:
>Has anyone tried any of the DSP audio filters?
>Which one(Radio Shack, JPS, MJF, others)?
>I am mainly interested in voice (AM, SSB) notch filtering and noise
>reduction.

I have been using the Timewave DSP-59+ for the past year. It is excellent in SSB and Digital modes and fair/good in AM Mode. With the latest ROM, the 59+ provides for variable depth noise reduction from the front panel, and also signal regeneration (recreation) in the digital modes. The reason why I give a "less than excellent" rating in AM Mode is lack of bandwidth. The specified high end is 3.4 Khz which is not quite high enough for good broadband noise reduction under some AM listening conditions. (Timewave has a new unit on the market, as of November, which is optimized for AM - Model 599zx. Also, JPS has a reasonably priced unit, NTR-1, which is a wideband noise and tone remover: I have not tried it.)

--
John Fallows VE6MBA
Calgary, Alberta Ernst & Young (403) 261-4448
fallowsj@cadvision.com

6178. Re: RADIO STATION DATABASE.ZIP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: CBAX63A@prodigy.com
Message-ID: <4bnke1$24am@usenetp1.news.prodigy.com>
Source record: 208214

I've received the RADIO STATION DATABASE in about 5 or 6 parts but no unzip instructions. I have my own copy of PKUNZIP.EXE but to DATABASE. EXE C:\DEMO. . . .etc.
-
ROLAND S GETER SR
CBAX63A@prodigy.com

6179. Re: radio shack dsp help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: timcook@erinet.com
Message-ID: <4bnt1t$b3j@eri1.erinet.com>
Source record: 208215

brucej@aardvark (Bruce Johnson) wrote:

>can anybody help me with the model number
>of the radio shack dsp filter thanks
>de vk3dht
>brucej@aardvark.apana.org.au

>--
>--
> AARDVARK Public Access Internet - Melbourne, Australia - (03) 562-0599

Its model number DSP-40 and the catalog number was 21-543, (it's not
in the 96 catalog)

6180. Re: Vertex UHF Mobile

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: kirby@skypoint.com
Message-ID: <4bnule$69e@stratus.skypoint.net>
Source record: 208216

In article <8B782BA.007400120C.uuout@thefishnet.com>,
JeffFischer@thefishnet.com says...
>
>I have a Vertex 4 channel UHF mobile radio that I need to get
>programmed. Looks like a Motorola, but not too sure about this radio.
>Anyone know anything about one.

That radio is a Yeasu Business Band Division not Motorola! It uses a
computer program and interface to program. You can make arrangements with
Lewis at Radio City (http:\\www.radioinc.com) to ship it and he can
program it for you. It may also need to be aligned for the ham band.

1(800)426-2891

73's

Kirby KA0ZTS

6181. Re: Ham-Equip Digest V95 #711

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: sfylaqc@scfn.THpl.lib.fl.US
Message-ID: <Pine.SUN.3.91.951226000044.14151E-100000@scfn>
Source record: 208217

unsubscribe

6182. Re: Ham-Equip Digest V95 #712

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: sfylaqc@scfn.THpl.lib.fl.US
Message-ID: <Pine.SUN.3.91.951226000704.14151N-100000@scfn>
Source record: 208218

unsubscribe

6183. REQ: Mods for Uniden HR 2510 agc.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: griffith@bright.net
Message-ID: <4bo2dc$p9b@wariat.wariat.org>
Source record: 208219

Anyone got a mod to speed up my 2510 agc ?

6184. Re: Ham-Equip Digest V95 #713

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: sfylaqc@scfn.THpl.lib.fl.US
Message-ID: <Pine.SUN.3.91.951226001558.14151Y-100000@scfn>
Source record: 208220

unsubscribe

6185. Re: Circuits vs Code?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: little@pecan.enet.dec.com
Message-ID: <4bo55j$1je@usenet.pa.dec.com>
Source record: 208221

In article <819837219.25511@pinetree.microserve.com>
jackl@pinetree.microserve.com (WB3U) wrote:

> w8jitom@aol.com (W8JI Tom) wrote:
>
>>I think the action is determined by the goals of the publisher. If
>>the goal is to encourage subscriber's to build and learn, the publisher
>>will supply enough written information to complete the project. If the
>>goal is to support or protect effort the writer made, important data
>>will be withheld.
>
> Hi Tom,
>
> Are you sure those goals are mutually exclusive? There are always
> parts used in a construction project that must be purchased, rather
> than fabricated. What about an article that builds on a new IC
> only available from one manufacturer? Isn't it possible that the
> IC could be homebuilt using discrete components? Why is it
> reasonable for the IC manufacturer to withold the blueprint of the
> IC, but software must be disclosed? No offense to anyone, but I
> don't think this argument is based on furthering the art of Amateur
> Radio. I think it's based on what some readers percieve to be an
> unnecessary expense.

I don't understand your last statement at all. As was pointed out in
the discussion about the tuner, the expense of the programmed chip
was only slightly more than the cost of an unprogrammed chip. I
find it hard to believe this debate is because some people don't want
to spend an extra $5 for the programmed part when the entire project
is over $100 in parts along. I know amateurs have a reputation for
being cheap, but that is carrying it a bit far.

As to the IC argument. I guess if the manufacturer of the IC was
the author of an article that required one of their sole source parts,
I'd have a little bit of difficultly with that being published. Perhaps one
could argue that if Signetics tried to publish an article about an NE602
based receiver, that it might be questionable. The difference I would
see is that the function and construction of an NE602 is such that
other chips from other manufacturers although different, are close
enough to figure out an alternate design. Or particularly in the case
of the NE602, how to build an oscillator base, buffer, and doubly balanced
mixer (are those all the pieces of one?) are well understood. In the
case of software, it is generally not the case that the design of the
software is well understood. Now I believe that in the case of the tuner
article, a flow chart or similar design model of the software was

submitted by the author but not published. If that really is the case, then the problem there was with the publisher (editor?) and not the author.

One other comment about your above paragraph. The goals/purpose of an IC manufacturer and what is expected of them are a bit different than the amateurs submitting articles to QST. I don't see manufacturers of IC's submitting articles, so what they do with their designs is completely up to them. Their goal is to make money from their designs. If that is the goal of an author submitting an article to QST, then they've choosen the wrong avenue. They should have gone to a manufacturer or started a kit business on their own. (I'm not suggesting that this was the goal of any particular author.)

73,
Todd
N9MWB

6186. HAM RADIO GARAGE SALE !!!!!!!!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: mw@hula.net
Message-ID: <4bnl4l$bci@spartacus.hula.net>
Source record: 208222

-Super-Rare collectors item: Bird model 4342 dual
Wattmeter serial# 332 w/ 2 VHF slugs.
$Make Offer

-mint condition low serial number original PAKRATT
PK-232 (Not MBX model) with original software, manual,
and cables Asking $150 + Shipping / COD Charges.
$Make Offer

-intech mariner U-106 xtal controlled marine VHF
$25.00

-TE Systems Model 4410G 100W 440-470 Mhz Amplifier
w/ switchable in-line RX preamp, FM/ SSB-CW mode switch,
10w in for 100w out or 5w in for 50w out.

-Yaesu FT-711RH 25W UHF Mobile
$350.00 / OBO

-Icom IC-435 16 ch. 35W commercial UHF Mobile 460-470 Mhz band w/
CTCSS, mounting bracket, hand Mic.
$100.00

-Motorola M-100 Radius 25w 2ch compact commercial UHF
mobile 440-470 Mhz w/ mounting brkt, spkr, and hand mic.
$150.00

-Astron RM-50M Radc Mount Power Supply.
$Make Offer

All prices above do not include shipping / COD charges.
If Interested: E-Mail mw@hula.net

6187. Re: Connecting computers over radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: digimog@clark.net
Message-ID: <4bpstp$p75@clarknet.clark.net>
Source record: 208223
Cross-posted to: rec.radio.shortwave,alt.radio.digital,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

Seems to me I read somewhere that Harris Corporation of Melbourne, FL makes a radio used by the Navy that can move duplex signals at 9600 baud over HF. Don't know if civilians can buy them or how much they cost. If you find out let me know.

Good Luck

>>I am interested in an interesting idea that I have for my computer:
>>
>>I want to connect the computer to another one over the radio waves.
>>I need it to be running 24 hrs a day 7 days a week. It has to broadcast
>>over about a 60 mile range. And have a speed of about a 28.8 modem.
>
>this style of operation (unattended and personal/business) is not
compatible
>with ham bands
>
>>
>>Preferably I would want a full-duplex connection just hooked up to
>>modems on both sides. But other similar ideas I want to consider for
>>myself too.
>>
>>I live in the US, and in fact I want to transmit from the east cost of
New
>>Jersey to Long Island NY.
>>
>>I thought that maybe SW radio would be good, since it's a. not
regulated,
>
>it's very regulated
>
>>and b. can bend over the horizon.
>
>true, but due to multi path propagation your maximum baud rate is pretty
low
>unless you are frequency agile and operating close to the MUF. 1200bd is
about it.
>
>VHF through microwave is needed for this sort of data rate, 56kb modems
are
>available for this for about $300 (I think)
>
>

>
>>
>>Does anyone know how possible, leagal and/or expencive is this project?
>
>Well everyone wants one of these. They are starting to be off the shelf
but
>they're expensive in the kilo$ region I think. There's things like
>personal computer communicators which send RF around a building at about
>900MHz and if you put an antenna on them they go for about 2 miles.
>I understand that companies have developed stuff at about 2-5GHz to do
the same
>thing. I'm hoping that ham packet will all go over to this sort of stuff
>so we can have ethernet data rates on 10GHz.
>
>
>Joe Mack NA3T
> mack@ncifcrf.gov
>
>
>
>
>>
>>(e-mail is prefferable)
>>Dan Akselrod
>>------------
>>http://menger.eecs.stevens-tech.edu/~danax
>>mailto:danax@interport.net
>>
>
>

6188. LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DK6Hnq.2nF@netcom.com>
Source record: 208224

I have a TS820 that requires a high impedance mic (50K).
I bought it with a Electro Voice 607 LO-Z microphone.
The EV607 impedance is unknown other than "LO-Z" stamped
on microphone.

Does anybody know of a way to adapt LO to HI impedance
microphone? Audio transformer?

Any details would be helpful.

73 KC5LWF

6189. Re: IC-706 Filters

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: Peter Shintani <shintani@tv.sony.co.jp>
Message-ID: <4bo7t8$fbj@oskgw.osk.sony.co.jp>
Source record: 208225

Hi:
You two seem to be very knowledgeable.
Let me mention my two bits.
I live in Japan, and I will comment from my vantage point.
I don't know all the in's and outs of the intermod problem but perhaps
the following facts will shed some light, hopefully:
In Japan the : 1) FM BC band is 76~90 MHz
2) terrestrial TV channels (center frequencies)are:
93,99, 105,173, 179, 185, 191, 195...

Perhaps the ICOM engineers cut costs and corners based upon their knowledge of the
Japanese air waves and did not consider the USA/Canada which has a higher and wider
FM BC band. Furthermore, the Japanese FM BC stations are relatively speaking very
low power.(some stations are only a few watts) Commercial use of VHF is light in
comparision to North America,
many services have already migrated up. I am not sure but commerical services may be
restricted to a lower power level than in NA.

May be intermod is not a big deal in Japan, besides in Japan 2m is basically
a useless band since it is crowded, no repeaters, and very narrow, 144~146 MHz,
atleast in Tokyo.
Again the designers may have placed little emphasis upon the 2m performance since
most VHF users have become frustrated and have already moved up to 70cm or 1.2GHz
or they use very sharp stacked beam arrays.

One final point, the Japanese domestic version only rx's up to 2 meters and not 200 MHZ.

Hopefully, the above made some sense.

Peter

6190. For Sale - Tek Scope

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: john@wd1v.mv.com
Message-ID: <john-2612950227280001@wd1v.mv.com>
Source record: 208226

465 with 2 new volatge probes - looks and works great!

FYI: The latest version of Digital Scope.FAQ <304> is on my WWW Home Page.
(All opinions are my own, including Digital Storage Scope.FAQ)

Best Holiday Wishes!

John D. Seney |_|_|_|_| john@wd1v.mv.com
144 Pepperidge Dr. |_| |_| www http://www.mv.com/ipusers/wd1v
Manchester, NH 03103-6150 |_|_ _|_| wd1v@wb1dsw.nh.usa.noam
LeCroy Sales Engineer | | | | | 800-553-2769

(H) 603-668-1096 (F) 603-627-1623 (P) 800-SKYPAGE #5956779

6191. Swan 1200 x amp. Signet? info request

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: griffith@bright.net
Message-ID: <4bo2aq$p9b@wariat.wariat.org>
Source record: 208227

Hello.

I have obtained a Swan 1200 x amp that has no user manual.
It is in mint shape, clean enough to eat of off. I am having trouble
getting it loaded. I don't know if the tubes are flat or if I'm doing
something wrong.

If I could get a copy of the user manual I would be eternally
gratefull.

William
N8NCX

griffith@cannet.com
griffith@bright.net
www.bright.net/~griffith

6192. using portable Ham unit as phone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: scull@matrix.infomatch.com
Message-ID: <4bnnta$5ej@berlin.infomatch.com>
Source record: 208228

I am very new to Ham radios, but I am reading up on them so I will actually be able to understand the chatter in this forum =) My question is this: back when I was in high school, a few years back, two students got expelled for using portable Ham radios for making long distance phone calls. Not that I would want to do that, but the idea sounds interesting. I have heard rumors of being able to use a portable unit in conjunction with your phone at home to make outgoing calls, or take incoming calls. I've heard of something called a "phone patch kit". Does such a thing exist?

Regards,
Sean Cull
scull@matrix.infomatch.com

6193. Re: Alinco Radios Are Junk

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4bo21o$6k5@crow.cybercomm.net>
Source record: 208229

rst-engr@oro.net (Jim Weir) wrote:

>together, it is going to fail. The more parts, the better the odds it
>is going to crap out, and if you want to know just how soon, go
>through the following math: Figure each part has 99.9% reliability
>for a ten-thousand hour life. Figure two thousand parts in the little
>booger and you find that roughly 15% of the radios will make it to the
>ten thousand hour point. 85% of them will have crapped out somewhere
>along the line. 99.9% @ 10,000 hours, by the way, is one hell of a
>reliability to ask of ANY component, much less one that is beat up,
>slammed down, twisted round, and generally given about as much care as
>the average trash can.

>KISS and BURP.

>Jim

I was messing with my son's crystal set last week and the
damn Cat's Whisker busted..last time I buy that brand :o)

Steve, WA2NHZ

6194. Re: Ham-Equip Digest V95 #714

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: sfylaqc@scfn.THpl.lib.fl.US
Message-ID: <Pine.SUN.3.91.951226001912.14151d@scfn>
Source record: 208230

unsubscribe

6195. Req info: Uniden 900Mhz HT (FPS 910TS)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: CConklin@softkore.com
Message-ID: <30df8594.27765166@cobra.uni.edu>
Source record: 208231

As the subject sez, I am looking for any info on programming the Uniden 900Mhz HT (FPS 910TS). I believe this is a trunking type radio but I wish to use it for conventional (amateur of course...) service.

Anyone with experience, documentation, programming equipment or connections to anyone with programming equip- I would appreciate any help.

Need to program for ham band, and need to know about CTCSS capacity of these radios.

Thanks in advance es 73

6196. Comments On Yaesu FT-8500

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: gottria@aol.com
Message-ID: <4boi96$65f@newsbf02.news.aol.com>
Source record: 208232

I'am interested in this radio but not to sure about it. If anyone has
this radio or knows a lot about it please leave a message. What features
really made you buy the radio? Was it the Yaesu name, good service dept.,
easy to modify,
good performance? Any input would be great!!!
Greg KE6PTP

6197. FS Heath HW9

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: TLG@primenet.com
Message-ID: <TLG.4.00453C78@primenet.com>
Source record: 208233

Mint Condition HW9 with band pack and small Heath antenna tuner. No mods have been installed on the HW9.

$225(USD) firm (will ship to lower 48)

Reply via E mail ke0kb@primenet.com

6198. New Tech + Question -- What HF Base Rig to Buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: jgkamm@mis.net
Message-ID: <4bokcn$7hc@netnews.mis.net>
Source record: 208234

Well i got the tech + requirements out of the way
last friday. Now the fun part! Need recommendations
on good HF bas unit to start out with. If my plans hold
I'll be General in 30 days. $1800 investment is about
my limit now.

thanks in advance

john
(call sign pending)

6199. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: Cedric Walker <Cedric.Walker@Tulane.edu>
Message-ID: <4bp134$gkc@rs10.tcs.tulane.edu>
Source record: 208235

I, too, was annoyed by the "source code is not available" footnote in
that otherwise-excellent antenna tuner design article in January's QST.

Ed Hare, at ARRL, put forth a "we made the right decision" post earlier
in this newsgroup, and
jackl@pinetree.microserve.com (WB3U) wrote:

<<snip>>

>... The ARRL has to make a decision in
>publishing articles such as this as to the depth of proprietary
>disclosure and resources. That's true in any construction project.
>The question is, should you refuse to publish an article because
>an author witholds certain information? There are characteristics of
>the manufacturing process that no manufacturer will disclose, but that
>doesn't necessarily preempt their product from being utilized in a
>construction article. To my mind, this situation is no different.
>The author has a right to protect certain aspects of his work, but
>that doesn't automatically render his project useless to the builder.

... so now it's my turn:

Let me offer another point of view. Since the preprogrammed "HC11 chips
are being offered for only $20, nobody's going to argue in this case
that the author is out to make big bucks from selling his software.
That means that the mercenary argument can be removed from this
discussion and it can center on policy instead.

ARRL, like all publishers, tries to maximize the value of the
intellectual property that they own by offering for sale reprints,
collections, books compiled from selected articles, and so on. That's
fine, 'cause it can keep our dues down.

Now let's assume, for a minute, that the firm (it's a sole source)
selling the pre-programmed 'HC11 chips suffers some business reversals
and goes out of business in 6 months. The economic value of the
intellectual property of that article (for ARRL) has gone to zero,
'cause it's against their best interest to publish design articles with
unobtainable parts.

What's the argument _against_ archiving the source code on an ARRL FTP
server? Maybe for 6 months, the author should have the sole right to
sell his software (in the form of programmed 'HC11 chips). But after
some time window has elapsed, the copyright agreement that the author
signs with ARRL prior to publishing should permit ARRL to release full
source code. This protects the longer-term value of ARRL's
itnellectual property, but still allows the author to enjoy (for a time)

some economic reward for the good design work that he did.

In following this thread, and having written to the QST editors, I've been most impressed with ARRL's willingness to participate in and contribute to this discussion. I happen to think they were wrong, but their decision was neither capricious nor ignorant, and they're to be commended for taking the time to explain their actions. They deserve our support!

Cedric Walker
KC5NLJ
New Orleans LA

6200. Re: REQ: Mods for Uniden HR 2510 agc.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: kg7hq@paccar.com
Message-ID: <4bp0cv$l5f@ender.techcenter.paccar.com>
Source record: 208236

Hello,

In article <4bo2dc$p9b@wariat.wariat.org>, griffith@bright.net says...
>Anyone got a mod to speed up my 2510 agc ?

This is what I have listed........
Remove Q-111, This transtor swithches the AGC off for CW and SSB. This should
speed up your AGC response.
I have not tested this mod myself.
--
"Handcrafted From The Finest ASCII"
73's de KG7HQ

6201. FS:Wave Analyzer HP.3581A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: zact@pinn.net
Message-ID: <4bp3p3$9a@everest.pinn.net>
Source record: 208237

Hewlett Packard 3581A wave Analyzer in good condition works $250.00
email me at zact@pinn.net

Email me at zact@pinn.net
or fax me (804)498-0806

6202. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <30E04121.6624@arrl.org>
Source record: 208238

Garry Foster wrote:

> Well this is what I really don't understand. I have seen this attitude
> many times over the last few years and am totally baffled by it. Why is
> the ability to write software held in such high reguard while the ability
> to design a reciever is so simple its not worth protecting. I mean it
> takes a great amount of skill to just write an article for this type of
> journel, that is readable and understandable by the masses. Now if one
> goes to all the time and trouble to create an article that can make the
> diffucult easy then maybe it should be presented in an encoded format so
> that others can't learn from its publication. I know you will say silly
> example but whats the real difference?

Is there really a double standard? I've yet to hear complaints about
microwave construction projects not including the full computer model,
even though an expensive modeling program was used in the design. Such
a model accurately describes things like parasitic inductances and
capacitances associated with real parts. Should our policy with
microwave projects be more like DUBUS or the RSGB's Radio Communications?

Zack KH6CP/1 zlau@arrl.org

6203. European EMC Standards (NOT!)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4bp5rg$9m9@newsbf02.news.aol.com>
Source record: 208239

I need some help!

January first a new standard of European community RFI/EMC standards are supposed to go into effect. It is my understanding (from trying to collect the documents over the past year) that all standards are not in place even as of this date. Great Britian and others allow manufacturers to self-test their equipment, but Germany will not. I was told Germany requires a lab on European Community soil to do the testing.

Now the EC labs want a huge amount of money per test. If I was allowed to do the EMC tests here on my test range my direct cost would be under 200 dollars per unit, but two German labs want 15 to 30 times that amount. I was also informed standards will likely change in the near future as all the EC countries reach agreement.

Let me give an example. To export an antenna tuner to Germany, I was told it has to be tested by a German lab for EMC compatibility. So I sent a tuner to a lab and they hooked it up (with no transmitter) and tested it. It passed, it had absolutely no harmonic radiation! And it only cost $3000 US to find this out! The same tuner does not require testing in Great Britian, it is a passive device not part of any defined "system" and can be exempted from testing. But if it did require testing BSI told me I could do it here!

I am told by German labs they even need to test speakers and microphones for harmonic radiation and EMC !!!!!!

Does anyone know how I can verify the accuracy of my understanding?? Or who other than a test lab in Germany I can get information from on the German BZT or other applicable German laws??

I suspect I am being ripped-off.

73 and Thanks,
Tom

6204. Question: Ge master ii at

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <819971697.AA04720@hamlink.mn.org>
Source record: 208240

DB>From: "Donald I. Baker" <dbaker@mail.bcpl.lib.md.us>
DB>Just aquired 2 of these (1@100 watt and 1@50W). Both have Pl's and
DB>reeds. Simple question, who can send me info on disabling of the PL's
DB>and reeds. Want to use them as carrier not tone squelch.

The easiest way to disable the PL is just to remove the card. That will remove both TX and RX PL. BUT you also have to put back the TX PTT jumper. With the radio on the table, front panel connector closest to you, the PL board is the long board in the front compartment. Remove it. Then look at the PC board the PL board plugged into. Look for a couple stubs of wire about 1/2" in front of the left side PL connector pins. You should see 3 or 4 holes in a pyramid with one stub of wire and one more hole about 1/2" to the right with another stub of wire. The stubs of wire are the TX PTT jumpers that get cut when the PL board is installed. Just solder the wire stubs back together. The alternate option I use is to solder a 1N4001 or similar diode in place of the stub. If you solder the diode with the banded end toward the right (middle) of the PC board, the PTT will work either with or without the PL board installed. (If you solder the diode in backwards, the PL board and diode will cause the radio to hang in continuous transmit.) I do it this way so I can install or remove the PL board at will.

DB>also...The 100 watt will be put up as a fixed link-able remote base on a
DB>440 system. How far do I need to "turn down" the 100 watt to let it run
DB>at a high duty cycle (most off, but on at 50% or better during use).

The GE manual says that all MASTR II transmitters can run continuous duty at 40 watts or less. I've had trouble getting the 110 watt TX to run correctly at such low power but they generally will run in the 40 to 50 watt range. But that only means the final transistors are OK. The single most failure prone point on the GE TX is the power control transistor. If you pop the cover on the TX amp stage, look about 1" right of where the exciter power cable comes in. You should see a TO-220 tab transistor mounted to the thin metal that forms the front of the TX amp. This is the power control tranaistor. When you operate the TX at reduced power, this transistor reduces the collector voltage on the driver transistor from 10-12 volts to 4-6 volts. All the extra heat is dissapated in the transistor and it tends to burn out.

The best fix for this is to remount the transistor on the heavy side heat sink of the radio. What I do is remove the side panel of the radio along the left side. Then I drill a new hole thru the side panel about 5/8" below the top edge of the panel and counter sink for a flat head 4-40 screw. Don't forget the tab insulators when you bolt the transistor down. Then twist three colors of wire together, solder them

on the transitor leads and insulate the leads. Solder the other ends of the three wires where you unsoldered the transistor. If you're careful you don't even have to dismount the PC board. I've done everything from the top side of the board. Just be sure you use an ohm meter to verify you have the same resistance before and after the modification, no shorts.

A second option that you may also use is to build a simple T attenuator about 6 to 10 dB attenuation and put it between the exciter and TX amp. By reducing the drive you also reduce the power drop in the power control transistor, make it less likely to fail and make it easier to set TX power. If you are willing to add fans for TX cooling, you can really beef up the TX amp by mounting another heat sink on the BOTTOM of the TX amp compartment. I've taken a heat sink about 2.5" x 5" x 1.5" and drilled extra clearance holes in my heat sink to clear where the transistor mounting screws come thru the bottom of the GE heat sink. This let me place the new heat sink in good contact with the GE heat sink casting. I used some heat sink compound and used some 4-40 standoffs and a couple chunks of scrap metal to form a hold down clamp for the new heat sink. I also added more heat sink compound to the side panel castings and even filled the empty cavity between the heat sink casting and the side panels for better heat transfer.

With two 5" 12 volt fans blowing on the heat sinks, running 110 watts for 1 hour, the hottest parts in my TX are the 2 watt base resistors in the TX amp compartment. They seem to be the last failure prone part. A real GE base amp has twice the heat sink on the back of a mobile TX and adds a fan blowing on the top of the TX amp PC board. I'd use at least a small fan to blow air on those resistors. This is essentially all the mods you should need on the TX final amp. I've found the GE Mastr II to be well built and fairly easy to tune. The few times I've had tuning trouble it is always the stage before the last transistor in the exciter. If you stop at that point and go back to the GE directions it will generally work out OK. Another easy option is to use a sensitive power meter with a dummy load on the 50 ohm output of the exciter. I use a modified CB SWR bridge that is very sensitive. Then I can see the RF output even when I can't read it on the test point. Just peak for max and recheck tuning with the test points when done. It works for me. Good luck.
73's.
Doug Reed, N0NAS email: n0nas@hamlink.mn.org
St Paul, MN

* SLMR 2.1a * hAS ANYONE SEEN MY cAPSLOCK KEY?

6205. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <819997078.20730@pinetree.microserve.com>
Source record: 208241

[No readable article body recovered]

6206. Re: New Tech + Question -- What HF Base Rig to Buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4bpanp$auu@newsbf02.news.aol.com>
Source record: 208242

Base Rigs are traditonally CB radios, most Hams have home or fixed stations. If you want a good base rig buy a President, a used Siltronix 10/11, or a Tempo one.

If your looking for a Ham radio fixed or home station, there are a bunch to choose from. I always try to buy used stuff that has a good reputation. Then I don't spend thousands of bucks on a mistake, hi.

73
Tom

6207. Re: Opinions please -- Ten-Tec Paragon II

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: pete brunelli <pcb@connix.com>
Message-ID: <4bp4mg$i98@comet.connix.com>
Source record: 208243

jackl@pinetree.microserve.com (WB3U) wrote:
> "Gregory J. Buhyoff" <buhyoff@vt.edu> wrote:
>
>>I am most interested in any opinions of the Paragon II. I have an
>>OMNI VI which I love to death.
>
>I've heard nothing but good about Ten Tec until now. Earlier today,
>I worked a guy who said he owned a Paragon for several years. He
>went on to say that the rig was really superb when it worked, and
>that Ten Tec fixed it at no charge whenever it broke, but that it
>broke often and was a nuisance. He also questioned whether the price
>of these rigs is inflated because of their policy of free repairs,
>and the frequency at which those repairs are needed.
>
>As a final note, he said he opened it up once and was of the opinion
>that the individual components were cheap, and that the (single-sided)
>PC boards looked like they were etched in someone's basement. In short,
>he claimed these rigs have terrific circuitry design, but the worst
>implementation he has ever seen.

..snip...
I have heard similar opinions, but i have to say.... MALARKEY!!!!
TT makes excellent equipment, it performs very well, and is extremely
rugged. They service everything they have ever sold, and are very
compliant on solving recurring problems. The paragon is an intersting
case because it is a synthesized general coverage rig, unlike the OMNI.
TT rigs rely on a modular approach to allow ease of service and greater
ruggedness. It may not look like a 950SDX inside, but try to service a
950SDX sometime!!! ouch.

My opinion is that TT detractors are Japanese-rig snobs who have bought the
"stateseide made = second rate" bunk and wuvv their wittle wiggs.

Take advantage of the TT money back deal, no risk pardner.

73
>
>73,
>Jack WB3U

Pete Brunelli Amateur Call N1QDQ
Check out http://www.connix.com/~pcb
Home of the Rolling Thunder Contest Club
Mobileering for a Better Tomorrow

6208. Re: using portable Ham unit as phone

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: mikek@deltanet.com
Message-ID: <4bpfad$ii4@news2.deltanet.com>
Source record: 208244

Yes, Phone patches exist and the best way to use one is to join a
local repeater that has one on a high mountain-top somewhere.....

I'm very interested in hearing more about the kids that were expelled.
What else prompted the expulsion? I find it hard to understand how
(legally) two students could recieve such treatment...........
-Mike

scull@matrix.infomatch.com (Sean Cull) wrote:

>I am very new to Ham radios, but I am reading up on them so I will
>actually be able to understand the chatter in this forum =) My question
>is this: back when I was in high school, a few years back, two students
>got expelled for using portable Ham radios for making long distance phone
>calls. Not that I would want to do that, but the idea sounds interesting.
>I have heard rumors of being able to use a portable unit in conjunction
>with your phone at home to make outgoing calls, or take incoming calls.
>I've heard of something called a "phone patch kit". Does such a thing
>exist?

>Regards,
>Sean Cull
>scull@matrix.infomatch.com

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Mike Krueger - KC6ZSF
mikek@deltanet.com

"Back up my hard drive!?!
I can't even find the reverse switch!"
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

6209. Which 6mt FM only rig is the best?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: zaax@aol.com
Message-ID: <4bpcbf$bde@newsbf02.news.aol.com>
Source record: 208245

I ma thinking about buying a 6 meter FM from either Alinco or Azden. If you own
on of these rigs please send me an e-mail and tell me what you like or dislike
about it. Any info will be greatly appreciated!

73 Zack
N8FNR

6210. RELM Whistler 150, programing?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: gdavis@netins.net
Message-ID: <4bpd08$1mv@insosf1.netins.net>
Source record: 208246

Looking for information on how to program the RELM WHISTLER 150 HH.
If you are familiar with the radio would like to know how to find
resource material or manual. `thanks

6211. Re: RELM Whistler 150, programing?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: Andy Brinkley <brinkley@ols.net>
Message-ID: <4bpdb7$abv@server2.ols.net>
Source record: 208247

gdavis@netins.net (Gaylen Davis) wrote:
>Looking for information on how to program the RELM WHISTLER 150 HH.
>If you are familiar with the radio would like to know how to find
>resource material or manual. `thanks
>

Are you by chance talking about a RELM WHS-150? The WHS-150 is a portable 150-174 mhz radio that can be key pad programmed. I think that I have a programming sheet on them somewhere around here. Don't know any thing about a "Whistler" 150 though.

Andy (N4ROX) "brinkley@ols.net"

6212. Re: New Tech + Question -- What HF Base Rig to Buy?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DK7Gwo.It8@netcom.com>
Source record: 208248

In article <4bpanp$auu@newsbf02.news.aol.com>,
W8JI Tom <w8jitom@aol.com> wrote:
>
>Base Rigs are traditonally CB radios, most Hams have home or fixed
>stations. If you want a good base rig buy a President, a used Siltronix
>10/11, or a Tempo one.
>
>If your looking for a Ham radio fixed or home station, there are a bunch
>to choose from. I always try to buy used stuff that has a good reputation.
>Then I don't spend thousands of bucks on a mistake, hi.

I'm also a tech plus and went thru the same thing you are, finding
a cheap older rig that has retainable value.

The elmers, who had something of value to say, recommended:

TS520SE - $275 all transistorized except for reliable and forving finals.
(S means has digital display, E has heater switch)
TS820S - $350 all transistorized except for reliable and forving finals.
(S means has digital display)
FT101E - $300 all transistorized except for reliable and forving finals.

All three have very common 6146 (AKA 2001) tube finals that are easy
to replace. There are little to none proprietary parts and easy to
fix, so can not be orphaned.

If you want something current and cheap the TenTec Scout can
be had for about $500.

A more recent and most interesting radio is the 706. It costs
$1200, but has 2m,6m,10m-160m all in one compact package.

If you are REALLY on a budget You can get one of many QRP CW
kits. They cost $80-$500. The Norcal 40a costs $129 and highly
praised. It is all pcb mounted components so no messy wires
like other kits.

Tech plus are only allowed one band for voice on HF, 10 meters.
You can get a Radio Shack 10 meter mobile rig for $100 used.

6213. TM455 for sat work?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: bsmith@msn.com
Message-ID: <4bpg4q$hus@news.internetmci.com>
Source record: 208249

Have a chance to pick up a Kenwood TM455 for a song. Any opinions on this rig for SAT work. Need to get the 430 side covered.

Thanks in advance for any info.
--
Bob Smith, Atlanta, GA
n3ftu@amsat.org
TAPR 5412 ARRL

6214. Wanted Mods Yeasu FT 51R

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: REDLIGHT@NANDO.NET
Message-ID: <REDLIGHT-2612951533050001@vyger503.nando.net>
Source record: 208250

Looking for any mods for the Yeasu FT 51R handheld.

thanks

mike

reply to redlight@nando.net

--
Mike - Raleigh, NC USA

Opinions expressed herein are my own and do not in any way
represent those of my employer.

6215. RFI FROM FORD EXPLORERS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: Peter Bealo <peter.bealo@iis.varian.com>
Message-ID: <4bpm6u$9ug@falcon.varian.com>
Source record: 208251

A short time ago someone posted the FORD TSB # for the fix to the Explorer's RFI problem from the fuel pump....could someone please post the number again for me. Before Christmas the issue was moot for me (no HF rig for the car avaialable)...now its not, so I promise to pay MUCH MORE attention.

Thanks and 73's

Peter.Bealo@iis.varian.com

WB2MJG@WB1DSW.NH.USA (for packet enthusiasts)

6216. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <820010049.26828@pinetree.microserve.com>
Source record: 208252

charles1@netcom.com (charles copeland) wrote:

>Does anybody know of a way to adapt LO to HI impedance
>microphone? Audio transformer?

It's possible to build an active converter for this and that's
probably the "correct" method. However, I've been using a transformer
for some time with good success. In my case, the transformer is a UTC
ouncer rated at 1K : 50K that came from someone's junkbox.

Some of these miniature transformers are expensive, over $20.00 each.
However here are a few you might try:

Mouser Electronics (800) 346-6873
No. 42TM117 50K : 1K $2.36
No. 42TM017 25K : 600CT 2.36
No. 42TM006 20K : 1KCT 1.98

Hope this helps.

73,
Jack WB3U

6217. MOTOROLA GP300 Software Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: cardenas@kaiwan.com
Message-ID: <4bpnd5$k07@kaiwan.kaiwan.com>
Source record: 208253

I have access to licensed Motorola GP-300 software/program and program hardware/fixtures (a metal bed the radios rest in while programming). My radio is the 16 Channel, UHF, *TouchTone version with speaker mike.

Sadly, the F-1 Help/instructions are VERY poor! The Options and Commands on screen have very vague and misleading wording. I lost a lot of time getting this far.

* At present I have all 16 new UHF frequencies and PL's installed. All channels and PL's work fine. My new 'scan' list works fine.

** Since the new frequencies were installed the following items no longer work (but DID before the new freqs. were installed):

1. *TouchTone pad only issues a single-tone.
2. The two options buttons above the PTT no longer work.
3. The Speaker/Mike jacks don't work.

The owner of the Programming equipment does not have the MANUAL for my GP300, nor does he have the specific programming manual/instructions for the radio.

*** I'd love to have a photocopy (or original) of the programming instructions/pages (not software)! I'll be happy to pay any copy costs and shipping. ***

IMPORTANT!!!

The owner of the programming equipment and software is in the two-way radio business. He is a Motorola dealer but sells many other lines as well. He does NOT wish to provide *ANY* bootleg copies of radio programming software to anyone. A message requesting same will be fruitless.

Thanks!
Tony
WA6IGJ

6218. Trade D-104 mike

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-26 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4bpr9g$ksq@news.usit.net>
Source record: 208254
Cross-posted to: rec.radio.amateur.equipment,rec,amateur.misc,rec.radio.swap

I have a D-104 amplified mike that I would like to trade for a 444 or similar type mic.

Thanks,

Steve

6219. Wanted: Schematic for RCI 2950,2900

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: sohara2@ix.netcom.com
Message-ID: <4bpvl3$9f3@cloner2.ix.netcom.com>
Source record: 208113

I am looking for a schematic for RCI 2950, 2900 10m radios. Anyone
with these or suggesting place to find this information please reply
by mail to: sohara2@ix.netcom.com
Thanks, Steve

6220. %%% HELP! ICOM TH-2SAT INFO! %%%

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: CBAX63A@prodigy.com
Message-ID: <4bq6ui$q38@usenetp1.news.prodigy.com>
Source record: 208114

1) Anybody tell or E-Mail me how to set or check PL Tones on this unit.

2) I have someone trying to sell me a pair but I don't know how to check
if they have encoder inside before I make an offer.
3) I don't really want to order 2-6 week delivery operation manuals if
they have no PL's and are overpriced.
4) How much should I offer for it (them)?
5) They have only internal battery; no externals!

ROLAND S GETER SR
WB6LNA
CBAX63A@prodigy.com
800-399-4383 x765 24hrs

6221. Vehicle's computer causes interference.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: bd703@scn.org
Message-ID: <DK86rA.729@scn.org>
Source record: 208115

Has anyone else had problems with the computer used in the `93 Chevy
Suburban causing interference on 2 meters?

The problem I've encountered is lots of spurious signals across the vhf
band, 147.54 mhz to be specific.

Any ideas on how to fix this?

Kerwin, N7JGW

--
~~~~~~
#
bd703@scn.org # History is a thing of the past.
#
~~~~~~

6222. Re: NEED Schematic for DTMF decoder Using SSI202P chip

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: georgec@onramp.net
Message-ID: <4bqheu$o7g@news.onramp.net>
Source record: 208116
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,sci.electronics,rec.radio.swap

In article <4bi81j$hu8@ixnews5.ix.netcom.com>, ke6tgn@ix.netcom.co says...
>
>Title pretty much says it all. Need a schematic for a DTMF decoder
>using the SSI202P chip (I picked up three of the chips at a swap meet
>for a buck each, they were still sealed in their Rat Shack packaging).
>
>I need a unit that is handheld, uses an LCD screen, and is not
>connected to a computer.

I used a Motorola 67805P3 microcontroller to do something like this. Reads the BCD from the SSI202, and decodes it to control functions, if this info might help let me know, but there may be a stumbling block in writing the code for the purpose, and display driver.

-G

6223. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: georgec@onramp.net
Message-ID: <4bqh86$o7g@news.onramp.net>
Source record: 208117
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

In article <4bi65n$sjf@madeline.INS.CWRU.Edu>, dxk10@po.CWRU.Edu says...
>
>
>In a previous article, kilgore@wichita.tivoli.com (Jeff Kilgore) says:
>
>>In article <4a2h30$e59@remus.rutgers.edu>, hillgen@remus.rutgers.edu
(Jay Hillg
>en) writes:
>>|> Gary Borich <GaryBorich@mail.utexas.edu> writes:
>>|>
>>|>
>>|> >As a resident of Austin. Texas, who has unfortunately frequented
Austin
>>|> >Amateur Radio Suppy, I can attest first hand to their surly,

Hey! What did you ask them to get the folks there even close to surly,
etc???

I've dealt with them while I lived in Austin, bought probably around 7 or
8K of stuff, and always, always was treated just fine by all concerned.

Austin Amateur Radio is a must call when shopping, and I can tell you, I
have always had the best deal from them.

-G

6224. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Garry Foster <gmfoster@epix.net>
Message-ID: <4bqgoa$lrp@guava.epix.net>
Source record: 208118

Zack Lau <zlau@arrl.org> wrote:
>Garry Foster wrote:
>

>> Well this is what I really don't understand. I have seen this attitude

Snip
Zack said.
>
>Is there really a double standard? I've yet to hear complaints about
>microwave construction projects not including the full computer model,
>even though an expensive modeling program was used in the design. Such
>a model accurately describes things like parasitic inductances and
>capacitances associated with real parts. Should our policy with
>microwave projects be more like DUBUS or the RSGB's Radio Communications?
>
>Zack KH6CP/1 zlau@arrl.org

Well Maybe? I don't really follow the microwave articles. However you
can't compare the expensive modeling program to the code for the tuner.
The comparision to the modeling software would be the assembler or
development package for the controler. And in most cases the authors have
made thier models availabe somewhere.

The more important point IMHO is that the microwave construction can be
duplicated with out the software, The tuner is useless without the code.
In fact the article even mentions the ability of the micro controller to
erase itself.

I don't have a problem with the author not wanting to make this
available, its his choice. I don't see the purpose of QST publishing it
as a construction article. Why not just do a product review and let him
buy advertising like the rest of the vendors? As stated several times the
price is excelent.

And again why is code so sacred? There is no way you would publish an
article where someone tried to hide the operation of thier circuits by
sanding off the part number of a device, and showing it as a box. However
a microcontroler without the code is the same thing.

Now maybe if the ARRL held the code and only released it when the product
ceased to be supported it could serve all parties. The learning potential
would still be lost,but long term support for buyers would be secure.

Garry WB0NNO
ARRL Member

6225. Re: New Ham Web Site with Information Content

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: vbook@vbook.com
Message-ID: <4bsh9c$ft9@news.accessone.com>
Source record: 208119
Cross-posted to: rec.radio.amateur,rec.radio.amateur.antenna,rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space,re

In article <4bmkv2$6d5@prometheus.localnet.com>, wa1sov@localnet.com says...
>
>Also see WEB Site at for interesting Ham Radio
>Links.URL:http://www.localnet.com/~wa1sov/
>
>

Check out Ham Radio Online at
http://www.accessone.com/~vbook/hronline.htm

Newsletters, Feature Stories, Real-time solar and radio propagation conditions, real-time disaster communications news (world wide earthquake, volcanic and severe weather reports). In short, real content, not just pointers to hyperspace.

73, Ed, KF7VY
---
personal email to vbook@vbook.com
Visit Ham Radio Online, it's free, at
http://www.accessone.com/~vbook/hronline.htm

6226. Radio-TNC Cable Wiring Diagrams at Web Site

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: medcalf@idir.net
Message-ID: <medcalf-2712951403280001@port2.idtslw1.idir.net>
Source record: 208120
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment

Radio to TNC wiring diagrams and other information about digital
modes can be found at the following site:

Wiring Index URL: http://www.idir.net/~medcalf/ztx/wire

The site also contains the following articles:

Site URL: http://www.idir.net/~medcalf/ztx/

Desense: Some Possible Solutions

TOR Modes: Hearing the Difference (includes sound files)

Getting Information from a Weathernode

73 gloria ka5ztx medcalf@idir.net

6227. Help with Icom 720A on Amtor A.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: UGH@UGH.UGH
Message-ID: <4bshcn$mvb@midland.co.nz>
Source record: 208121
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

>ZL1ANY/TPK 1.82 Msg #:259 Date:19-11-95 Time:11:08Z
>
>
> Trying to use icom 720a on amtor mode a.
>I note in the instruction manual (p16 5.2.3) they say it has a fast
>attack/slow release agc system. I have adjusted the vox delay pot
>to a minimum (no. 37 in photo on page 9) and am keying and feeding the
>tx drive audio via the mic socket a la fig. on page 19.
>
> 1/ amtor mode b and rtty work fine but any arq operation (amtor
>pactor ... have not tried clover) causes problems ...the
>transceiver keys on and off but it seems the agc recovery even
>with the agc button in fast position is so slow that the receiver is
>severely desenced ....
> 2/also although the transceiver keys with the
>vox button turned off no power is transmitted(despite mic gain well up)
>.. need the vox activated to produce power out.This is puzzelling
>as it seems to me that it should behave just like the microphone (which
>does not need the vox activated to transmit a signal.
> Does any one have a fix for the first problem ...and/or an
>explanation for the second?
>
> many thanks
> Stephen
>
>

6228. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Garry Foster <gmfoster@epix.net>
Message-ID: <4bqi9b$mu9@guava.epix.net>
Source record: 208122

Cedric Walker <Cedric.Walker@Tulane.edu> wrote:
>I, too, was annoyed by the "source code is not available" footnote in
>that otherwise-excellent antenna tuner design article in January's QST.
>
Snip
>What's the argument _against_ archiving the source code on an ARRL FTP
>server? Maybe for 6 months, the author should have the sole right to
>sell his software (in the form of programmed 'HC11 chips). But after
>some time window has elapsed, the copyright agreement that the author
>signs with ARRL prior to publishing should permit ARRL to release full
>source code. This protects the longer-term value of ARRL's
>itnellectual property, but still allows the author to enjoy (for a
time)
>some economic reward for the good design work that he did.
>
>In following this thread, and having written to the QST editors, I've
>been most impressed with ARRL's willingness to participate in and
>contribute to this discussion. I happen to think they were wrong, but
>their decision was neither capricious nor ignorant, and they're to be
>commended for taking the time to explain their actions. They deserve
>our support!
>
>Cedric Walker
>KC5NLJ
>New Orleans LA
>
>
And if not the source code at least the binary so the part could be
reprogramed in case of failure.
Garry WB0NNO
ARRL Member

6229. Want ICOM IC-W31A Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Brian Cox <Brian.Cox@internetMCI.com>
Message-ID: <4bql3t$sg4@news.internetmci.com>
Source record: 208123

If anyone has any mod, software or hardware, to the IC-W31A
HT, please let me know where to get them.

Thanks.

6230. FTdx-400 Schematic !!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Dave Phillips <dphillips@ips.iac.honeywell.com>
Message-ID: <4bqmha$6nj@cst715.iac.honeywell.com>
Source record: 208124

Woule the gentleman who requested the copy of the FTdx-400 Schematic and
Manual PLEASE re-send your mailing address to me.

73's
Dave
KB7JS
dphillips@ips.iac.honeywell.com

6231. Re: Wanted: heathkit, lafayette, allied catalogs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: rew5808 <bwilder@reallink.com>
Message-ID: <4bqn11$4rp@ferengi.prismnet.com>
Source record: 208125
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.shortwave

searching for heathkit, allied electronics, lafayette catalogs from 1955
thru 1965. if you have any laying around, please let me know.

bobby wb5wur

6232. WTB Antenna tuner/wattmeter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: sfritts@usit.net
Message-ID: <4bqonu$nff@news.usit.net>
Source record: 208126
Cross-posted to: rec.radio.amateur.equipment,rec.amateur.misc,rec.radio.swap

Hello,

Looking for an antenna tuner/wattmeter comb. such as a MFJ 941 or
similar.

Thanks,

Steve

6233. Re: Trade D-104 mike

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: "Daniel E. Lechliter" <lechliter@fishnet.net>
Message-ID: <4bqtvm$7i6@donatello.leonardo.net>
Source record: 208127
Cross-posted to: rec.radio.amateur.equipment,rec,amateur.misc,rec.radio.swap

Steve; I have a Shure 444d I'll trade you if yours is in good shape. Call me or leave message here. 805 4851398 VR Dan L.

6234. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: rhyolite95@aol.com
Message-ID: <4br0ft$rk9@newsbf02.news.aol.com>
Source record: 208128

I re-read the article after reading the initial gripe about the article. I must agree that the author is not out to make "big bucks" on his source code since he does offer the chip for 20 bucks programmed.

In fact a real hacker has at least three options in addition to buying the "kit".

Buy the board only and build the unit from scratch including writing your own code which might be better.

Buy the chip and layout your own improved electrical design

Build your own from scratch using the knowledge learned from the article.

I will agree that putting the source code in "escrow" would be in the best interest for QST in the unlikely event that the author or the source code files were to go QRT.

6235. WTB- Recording equipment

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: mhline@aol.com
Message-ID: <4br2in$s39@newsbf02.news.aol.com>
Source record: 208129

I am interested in buying all kinds of pro-audio equipment
(mics,compressors, preamps, consosles etc) for my recording studio. I am a
serious buyer, and will pay your price for equipment that I can use.
Please contact me via e mail or phone me at 818-244-1909.
Thank you..... Mark

The following is a partial list of equipment that I am looking for:

Microphones by- RCA, Neumann, AKG, Telefunken, Schoeps, Altec etc.

Compressors, mic pres etc by- Langevin. UREI, Universal Audio, Altec,
Pultec, Fairchild , API etc

Any tube audio gear including professional tape decks.

6236. 2-meter rig suggestions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: jdy18@aol.com
Message-ID: <4br9e7$77@newsbf02.news.aol.com>
Source record: 208130

Hi - I've been thinking about a new 2-meter FM rig to use as a base station. I would use this mostly for packet, and some phone. I'd like something with a dedicated TNC jack (so I don't have to keep switching mic plugs) and also something that will be able to run 9600 baud packet. Suggestions would be appreciated.

73 de Jay,
KD2L

6237. Re: Circuits vs Code?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4brdrs$1um@newsbf02.news.aol.com>
Source record: 208131

In article <4bps8r$d9l@guava.epix.net>, Garry Foster <gmfoster@epix.net>
writes:

>What intrests me about this on is its lack of a phase
>dectector. Allmost all the servo based tunners, and the circuit for the
>Icom tuner use both phase and magnitude detectors. The lack of a phase
>detector in this project concerns me. Therefore out of curiousity if
>nothing more I'd like to see the logic behind this tunner.
>
>

Hi Gary,

That bothered me also. It must just take off in one direction at a guess,
and if it's wrong after several steps try the other way! The problem is if
the detector behaves the way most couplers of that style do in the real
world, it really needs a phase detector. I guess I would have paid more
attention if the software was described, who needs to see a bunch of
switched components!

The relays used (if they handle any voltage) should take between 5 to 15
mS to settle, and the rest of the circuit has to settle to the new
detector voltages. That's why the software interests me.

I go along with you on this. Everything I've done has used phase
detectors, except one medical device. But that device never went above a
3:1 load (that was the VSWR range caused by the difference between a large
round fatty female rump and and a skinny small male rear).

The point is, the circuitry isn't anything novel. How the guy gets away
(or doesn't, hi) with a simple detector in software may be though.

73 Tom

6238. Ham God born

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <4brf80$pcn@alterdial.UU.NET>
Source record: 208132
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.packet

Once again the world celebrated the birth of Rick Palm on December 25.
You know him, from ARRL fame the one that had TWO columns on him in the
Diamond feature in QST, the one who was on several QST covers, and the one
who fired Luck Hurder for being competent.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt |
#================#=========================================================#
| k1oik@ccsnet.com MAC is 5% of the market |
#=============================================================================#
```

Get a GIF of K1OIK by telnet://ccsnet.com and go to FREE downloads for
bf1pres.gif (hams never had such excitment!) or call 508-385-3427 and
download from file area 21 (free).

6239. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Ed Hare <ehare@arrl.org>
Message-ID: <4bri5t$sa0@mgate.arrl.org>
Source record: 208133

Cedric Walker <Cedric.Walker@Tulane.edu> wrote:

>I, too, was annoyed by the "source code is not available" footnote in
>that otherwise-excellent antenna tuner design article in January's QST.

Hi, Cedric,

I think the definative words here are "otherwise-excellent." But let me clarify a bit: First, if QST *ever* consists only of, or even mainly of, articles that really are just a description of a kit that contains proprietary information not avialable to the readers, I am outa' here; I have more important things to do with my life. But the likelihood of that happening is essentially zero; ARRL HQ is populated with a lively group of hams, including some top-notch homebrewers who put a lot of effort into making QST into a tool that encourages learning, design and construction (among other things, of course -- there are parts of QST *I* don't read!)

In addition, we work to encourage our outside authors to obtain their permission to distribute source code. In some cases, we have been successful with an author who otherwise would have kept it proprietary.

But when all is said and done, it is the author who decides what he or she wants to offer to QST, and it is our editorial team that decides what we publish. When I say we made the right decision, it is not because I believe that it is not important to distribute source and other construction information, but because this is an "otherwise-excellent" article and construction project that is useful and important to the ham community and offers a good way to obtain an outboard automatic antenna tuner. If, IMHO, an article is still "appealing and useful" without the inclusion of source, as in this case I believe it is, I think it is the right decision to publish it. As an OBTW, I am not part of the team that decides these things; I am judging this as an outsider. (And even though my Boss is in charge of the QST team, as everyone who knows me knows, knows, that doesn't usually stop me from speaking my mind. :-)).

>ARRL, like all publishers, tries to maximize the value of the
>intellectual property that they own by offering for sale reprints,
>collections, books compiled from selected articles, and so on. That's
>fine, 'cause it can keep our dues down.

Actually, at $3.00 per reprinted article (ARRL Member rate), it is really not a big $$$ maker for ARRL. That just about covers the time to send our hard-working Tech Secretary into the ARRL Library, locate the article, make the copy, put the book back, address and mail it postpaid, etc. While there is an economy of scale in batch processing, at about

15-20 article copies a week, this is not a lucrative market. When you add to that the time spent for the requests for the "antenna-tuner article that appeared sometime in the 80s" (really found in 1962, in some cases), plus the fact that we often "bill" our Members who request reprints by telephone or email rather than have them prepay, not getting paid in some cases, I think it costs us a bit rahter than makes us money.

>Now let's assume, for a minute, that the firm (it's a sole source)
>selling the pre-programmed 'HC11 chips suffers some business reversals
>and goes out of business in 6 months. The economic value of the
>intellectual property of that article (for ARRL) has gone to zero,
>'cause it's against their best interest to publish design articles with
>unobtainable parts.

This point has been raised by a few. I am less concerned about the economic value of our reprints going down than I am that, if a company goes belly up, Members will have NO way of replacing that device if it fails. I am going to pitch to our editor types that if we accept any proprietary source articles, we do request that the author supply it to *us*, with the provision that we can release it if he or she ever stops making the devices available.

I am also passing along a request that if we can't obtain the source, we should ask the author if he or she is willing to supply a flow chart. That could at least help folks who want to learn more about how it was done. (I can make no promises on either suggestion, but they are good ideas and I will pass them along. Of course, when all is said and done, if the author does not want to take either step, and the article is still a good one, we may publish it anyway.)

>In following this thread, and having written to the QST editors, I've
>been most impressed with ARRL's willingness to participate in and
>contribute to this discussion. I happen to think they were wrong, but
>their decision was neither capricious nor ignorant, and they're to be
>commended for taking the time to explain their actions. They deserve
>our support!

Why thanks, Cedric, I, too, disagree with ARRL from time to time (gasp!), but when I look at the big picture, I still think the organization does some important things and is worthy of support. :-)

73 and Happy New Year from ARRL HQ, Ed Hare, KA1CV, ARRL Laboratory Supervisor

6240. What rig did the downed Pilot in Bosnia use?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: ekv@panix.com
Message-ID: <4brk10$qhp@panix.com>
Source record: 208134

If memory serves me right, that pilot used some type of CW rig to aid in
his own rescue. Its probably something that all pilots carry. What unit was
this and where can I get one and approximately how much do they cost?
Can it be modified for amateur use?
Please e-mail with reply .
Thanks in advence.
Elmar

--
Elmar Vaher **********----------**********
ekv@panix.com

6241. Need Kenwood repairman CT/MA for AT250

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: white_hae@ccsua.ctstateu.edu
Message-ID: <1995Dec27.090455.1@ccsua.ctstateu.edu>
Source record: 208135

I have a Kenwood AT-250 that probably needs a relay replacement. Does
anyone know of a good Kenwood repairman in the CT/Southern New England area?
Thanks es 73
Harry/N1QVE

6242. Which is best BUYER'S GUIDE?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: rich@sentex.net
Message-ID: <rich-2712950811110001@p15.gallium.sentex.ca>
Source record: 208136

I'm in the market for a piece of equipment, but I find magazine adverts to be somewhat limiting on the information it provides on simple things like:

frequency
price
components, etc.

So, I thought a buyer's guide would be best for my position. Which one should I get? How can I get it?

Cheers.

--

Rich Fortnum (aka BeeRich)
F&M Breweries
Guelph, Ontario
rich@sentex.net (temporary)
Renaissance Brewers of Fine Ales and Lagers

6243. What is HF?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: rich@sentex.net
Message-ID: <rich-2712950812350001@p15.gallium.sentex.ca>
Source record: 208137

I'm confused what HF is.

I thought it was 30 to 50 MHz, with VHF being 140 MHz, and UHF being UHF.

What is below 30 MHz?

Cheers.

--

Rich Fortnum (aka BeeRich)
F&M Breweries
Guelph, Ontario
rich@sentex.net (temporary)
Renaissance Brewers of Fine Ales and Lagers

6244. Re: What is HF?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: ham@w3eax.umd.edu
Message-ID: <4bri34$cuv@cville-srv.wam.umd.edu>
Source record: 208138

>I'm confused what HF is.
>
>I thought it was 30 to 50 MHz, with VHF being 140 MHz, and UHF being UHF.
>
>What is below 30 MHz?

MF = 300 kHz - 3 MHz
HF = 3 MHz - 30 MHz
VHF = 30 MHz - 300 MHz
UHF = 300 MHz - 3 GHz

Note that since wavelength (meters) is 300,000,000 / freq (Hz), this makes
sense.

MF (Medium) 1000 - 100 m
HF (High) 100 - 10 m
VHF (Very high) 10 - 1 m
UHF (Ultra high) 1 m - 10 cm

If I remember right, SHF (Super high) and EHF (Extra-high) are next.
Below MF, there's LF and VLF.

--
Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

6245. Re: What is HF?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: jms@col.hp.com
Message-ID: <4brhu1$a5b@nonews.col.hp.com>
Source record: 208139

Rich Fortnum (rich@sentex.net) wrote:
: I'm confused what HF is.

: I thought it was 30 to 50 MHz, with VHF being 140 MHz, and UHF being UHF.

: What is below 30 MHz?

: Cheers.

HF: 3-30 MHz
VHF: 30-300 MHz
UHF: 300-3000 MHz

Mike

6246. 'ISM' type comm equipment: thread for 70cm band?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: geertj@ripe.net
Message-ID: <DK8z6r.Kp3@inter.NL.net>
Source record: 208140
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Hi there,

The Europification has brought some very bad news to European
hams who like to use the 70 cm band.
In most countries, this band is shared with the ISM service
(Industrial, Scientific, Medical). ISM is intended for those
applications where RF is needed (and can leak) for other purposes
than communcation: welding, melting, and the like.
One of the ISM allocations is 433.920 MHz +- 0.87 MHz.
The European 70 allocation is 430-440 MHz (in some countries
4332-438 MHz, may be even less). Small-bandwith is concentrated
on the lower end of the band; 432.300 is SSB calling freq,
433.500 is FM calling freq.
Other users (including hams), 'should accept interference caused by ISM'.
Since ISM is usually in industrial areas and hams usually don't live
there, these usages were more or less compatible.

Apart from ISM usage, this ISM band is also used for door openers,
car alarm remote control, and the like. This has lead to situations
where people were unable to unlock their car because of the neighbour
having a contest, but no serious harm was done.
All of these are 'low power apps'

However, some new rules may change that all. The low power apps
limit is now raised to 10 mW, and plans are made to build wireless
loudspeakers and 2-way comm equipment for the band.

Of course, if these applications are interfered by hams, then the
ham applications have precedence. (if you ever thought that RFI problems
were difficult, then try to explain THIS to an angry neighbour who
just bought a $3000 high-end TV set with wireless surround speakers!)
I'm not shure if the precendence rule will work for us in practice.

Another concern is the 2-way radios, as these may be compatible
with regular ham equipment, and we all know what can happen then.
Note that most of the 70cm FM allocation would be part of the ISM
frequencies, and there's no protection against someone calling himself
W1AW there - it would be nearly impossible to protect against making
contacts with non-hams.

Has anyone seen these 2-way radios yet? What frequencies do they use?
What raster? modulation? Are they provided with built-in CTCSS or something
like that? Would we hams be able to use CTCSS or something similar to
shield against the ISM folk?

How have other people dealt with this kind of situation? Are we doomed?

73, and best for 1996,

Geert Jan PE1HZG

6247. FS: Kenwood TS440s/AT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: n2mdq@li.net
Message-ID: <4broaq$qj6@linet02.li.net>
Source record: 208141

FOR SALE:
Kenwood TS440s/AT HF Transceiver $675.00
- General Coverage Receive, 10-160m Transmit.
- Built in antenna tuner for all bands except 160m.
- YK-88C CW Filter.
- YK-88SN Narrow SSB Filter.
- On board chips for computer interface.
- Original carton, docs, service manual.
- With hand mic.
- Price includes ups, insured shipping.

Steve Dworkin, N2MDQ
n2mdq@li.net

6248. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Zack Lau <zlau@arrl.org>
Message-ID: <4brnqp$tsm@mgate.arrl.org>
Source record: 208142

Garry Foster <gmfoster@epix.net> wrote:

>
>Well Maybe? I don't really follow the microwave articles. However you
>can't compare the expensive modeling program to the code for the tuner.
>The comparision to the modeling software would be the assembler or
>development package for the controler. And in most cases the authors have
>made thier models availabe somewhere.

No, I'm asking for the equivalent of the source code. A precise description of the circuitry so that it can be analyzed and possibly improved.

Together with the published results, this ought to allow others to test their modeling programs. Or, to possibly make component substitutions if they can't get the exact parts specified. Often, you need to characterize parts for microwave applications--I see some reluctance to share this information.

True, I have published a number of circuit descriptions--but it certainly would be nice to get other opinions on how to best model circuits.

Zack KH6CP/1 zlau@arrl.org.

6249. Wanted: TNC comparison

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: markus@sp051.cern.ch
Message-ID: <DK96vz.E9q@news.cern.ch>
Source record: 208143

I'm a new ham in Switzerland and want to do some packet radio. I'm
especially interested in the TCP/IP part. For this I will need a TNC.

Is there a comparison chart / overview of current TNC's ?

I'd like to inform myself about what's available at what cost before
hitting a ham shop around here.

Markus

Markus Baertschi Phone: ++41 (22) 901-0101 (++41 (22) 791-5563)
Geneva, Switzerland Mail: markus@oahu.cern.ch (maba@vnet.ibm.com)

Rap's Law of the Inanimate Reproduction:
If you take something apart and put it back together enough times,
eventually you will have two of them.

6250. Question: Ge master ii at

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <820051477.AA04727@hamlink.mn.org>
Source record: 208144

Since you will be using these radios as base transmitters, there is another modification to the exciter you might want to try. The mike input is designed for a low impedance carbon/active mike. The mike amp IC puts about 10 volts on the input pin thru a resistance as required for a 600 ohm carbon mike. This voltage source in the mike amp IC loads down the input quite a bit, reducing input sensitivity and introducing high frequency roll-off. Removing the two components responsible for the mike bias voltage significantly increases the mike input sensitivity as well as improving audio response.

*** These directions are for the crystal controlled exciter, not PLL. First remove the exciter from the chassis. In the front corner of the board you'll see the mike amp IC. This is U101 on the schematic. It is a 14 pin inline circuit with pin 14 nearest the corner. Locate pin 11 of the IC. Depending on the exact board model, you should be able to follow the trace to a 22 mfd capacitor that goes to ground and a 200 ohm resistor that connects to the 10 volt buss, pin 7 of the main PCB header or pin 1 of the channel elements. On later model boards there is a wire jumper between pin 11 of U101 and the resistor and capacitor. If you have the jumper, cut it. If you don't have the jumper, remove the two parts. Removing the resistor removes the 10 volts. Removing the capacitor improves frequency response and gain. This does make it impossible to test the transmitter with the control head and mike. A similar change will probably work for the PLL exciters.

This mod and the previous suggestion for putting an attenuator in the exciter output to reduce power foldback were both developed by Chris Peterson, KF0FX (kf0fx@aol.com). Our repeater has not yet used any of these mods but they have worked on the bench. We have used an unmodified Mastr II transmitter for about three years. It originally ran for a year at 80 watts out until the power control transistor failed. After replacing the transistor it ran for another year until the transistor shorted. We left it and ran 125 watts out for another year until the 2 watt resistors in the final amp got flakey and the transmitter died. Our next transmitter will have all the mods from these messages. Another repeater used one of these amps for about 9 months before he had trouble with the resistors and the amp died. After adding heat sink, the GE base stations add a perforated metal cover over the whole final amp and a 5" fan blows air on the board.

The heat sink, power control transistor and resistors are the only trouble points I know of in this amp. If anyone else has suggestions for improving the GE Mastr II transmitter, I'd like to read them.

73's.
Doug Reed, N0NAS email: n0nas@hamlink.mn.org

* SLMR 2.1a * Doug Reed, N0NAS email: doug.reed@hamlink.mn.org

6251. Need Schematic for dtmf d

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: n0nas@hamlink.mn.org
Message-ID: <820051477.AA04728@hamlink.mn.org>
Source record: 208145

WMD>From: ke6tgn@ix.netcom.com(Wanda M Desmond)
WMD>Subject: NEED Schematic for DTMF decoder Using SSI202P chip
WMD>Title pretty much says it all. Need a schematic for a DTMF decoder
WMD>using the SSI202P chip (I picked up three of the chips at a swap meet
WMD>for a buck each, they were still sealed in their Rat Shack packaging).
WMD>I need a unit that is handheld, uses an LCD screen, and is not
WMD>connected to a computer.

Hi John.
The SSI202 is a nice little DTMF decoder with parallel binary outputs.
It is not capable of driving an LCD display without adding significant
amounts of circuitry, such as a small micro-controller (micro-computer).
What is fairly feasible is to have the SSI202 drive four LEDs to display
the binary or add more circuitry to drive a single 7 segment LED
display. You should find the basic SSI202 circuit in the ARRL Handbook.
I know I've seen it in the 1988 book and I'm sure it is in later years
as well. If you don't have a copy of the Handbook, you'll probably find
it at the local public library. The SSI204 is a similar decoder with
fewer pins. We use a lot of them at work from various mfgrs.

73's.
Doug Reed, N0NAS email: n0nas@hamlink.mn.org
St Paul, MN

* SLMR 2.1a * What happened to the Paperless Computerized Revolution?

6252. DX 70 mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <30E1795C.5B04@csg.mot.com>
Source record: 208146

Does anybody have a mod for the DX70 that will allow out of band TX?
This is needed to use 10.151, the dial freq for the national 30m APRS
freq. Thanks.

Paul_Moller@csg.mot.com

6253. Antenna recomendation needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: mi@aldan.star89.galstar.com
Message-ID: <4bs44c$g33@news.bu.edu>
Source record: 208147
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.shortwave

Some time ago, I asked here for suggestions on how ot get European (Eastern European) stations in USA (Boston). Quite a few people tried to help, with directions on how to make an antenna for my Sony ICF-SW7600G (FM stereo/SW/MW/LW, PLL synthesized world band receiver). As time shows, I can not follow their recomendations myself): I am not a radio specialist personally. So, I guess, I'll need to buy an antenna and enjoy fruits like warranty and technical support (: Here I am with the <subject>... Thank you very much!

-mi (Please, CC to mi@ALDAN.star89.galstar.com)
--
"Has anyone seen my brain around?"

6254. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4bs7li$ba8@newsbf02.news.aol.com>
Source record: 208148

In article <4brnqp$tsm@mgate.arrl.org>, Zack Lau <zlau@arrl.org> writes:

>
>No, I'm asking for the equivalent of the source code. A precise
>description of the circuitry so that it can be analyzed and possibly
>improved.
>
>
Isn't the real question this?

Should an educational article withhold information necessary to complete the project, especially if the information only applies to the project and can't be used for other applications? Isn't one of the goals of the ARRL to advance the skill and knowledge of members in our fraternity? Isn't that one of the reasons our hobby even exists?

Even a flow chart would have been nice, so the reader could learn a little bit about how the author solved the problem. That certainly couldn't have been a "major deal".

Besides the questions above, consider this fact of life. The real motive behind "forcing" builders to purchase something from an author is not important at all. The only thing that matters is what the readers **think** the motive was.

The reasons for not publishing at least a software description have been pretty lame so far.

73,
Tom

6255. Re: ICOM 706 Mic/ALC problem?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Ray <n3rkh@voicenet.com>
Message-ID: <4bsgs3$bjm@news.voicenet.com>
Source record: 208149

spbellamy@aol.com (SPBellamy) wrote:
>
> I got an ICOM 706 radio for Christmas, but have received reports of low
> audio. Using the instruction manual directions, I tried to set mic. gain
> using the ALC meter function. I was unable to get a reading. I then
> screamed into the mic. with the gain set at 10 and just got the bottom LCD
> element on the ALC meter to light. Needless to say this makes it
> difficult to even think about setting levels in the compression mode.
> I took the unit back to the store and got the old story of, "you're the
> only one complaining of this problem." I did get the local tech. to check
> other new units in the store and they had the same problem. Anybody else
> unable to get a decent ALC reading out there?
> By the way--I was asked if I had the radio hooked up to a good power
> supply and was I using the stock ICOM microphone. The answer is yes to
> both.
> AA8MX

I did not have this problem with my 706, although I did have to bring
the MIC gain up further than I thought I would. (It is about maxed out.)
I found the adjustment of the mic gain while watching the ALC meter
confusing. I couldn't tell how much, if any, the ALC was pegging out
too far to the right. I considered this to be Operator Error. I am not
used to LCD meters.

73 and good luck...I'll be watching for other replies.

Ray

6256. Atlas 210X power output Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: "Michael G. Reiney" <mreiney@hevanet.com>
Message-ID: <4bsigj$o4j@vista.hevanet.com>
Source record: 208150
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I have an Atlas 210X that works fine on 40 meters and up. On 75 meters, I can only get about 40W out of it.
I hypothesize that if the high freq power out is ok, the transistors are good.
The 80M filters are not tunable, so they've probably not been tweeked.
Ideas?

The only thing I can think of is that one of the broadband transformers in the final have a cracked core and insufficient inductance to get to 80M. They look ok. I don't have any idea how to check it out without disassembling the transformer and checking each core. High risk of breaking something.

Any guidance would be appreciated. I do have access to equipment, GHz scope, spectrum analyzer etc. Don't be shy with wild test ideas.

thanks, miker

6257. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: wnewkirk@iu.net
Message-ID: <4bskjs$rss@cc.iu.net>
Source record: 208151

In <4bs7li$ba8@newsbf02.news.aol.com>, w8jitom@aol.com (W8JI Tom) writes:
>The reasons for not publishing at least a software description have been
>pretty lame so far.

author didn't have one? (suspecting the code won't exactly be a pinnacle
of structured design as most of these sorts of things go...8)...hey, wait! maybe
this is the famed Pinnacle Chip Dexter Douglas had that turned him into the
Freakazoid when the chip is connected to the ethernet, an exact key sequence
is entered followed by Delete! Crum! and i didnt' tape that show!)

Bill Newkirk WB9IVR The Space Coast Amateur Technical Group
Melbourne, FL duty now for the future of amateur radio
Lombardi's 1st Law of Business:
Companies succeed in spite of their best effort. If they succeed at all.

6258. Sound Blaster 16 as a DSP unit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Sean McDonald <seanmcd@iaccess.za>
Message-ID: <4bs9vt$cal@grovel.iafrica.com>
Source record: 208152

Hi. Does anyone have any programmes / information on the
Creative Labs Sound Blaster 16 being used as a DSP unit
similar to the MFJ-784 unit ?

I would appreciate any related information. Where are such
programmes available ? Commercial or Shareware ? On the Net ?

Thanks, 73s

Sean McDonald
email: seanmcd@iaccess.za

6259. Re: ICOM 706 Mic/ALC problem?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-2712951745150001@paul_nix.aud.alcatel.com>
Source record: 208153

In article <4bsdnl$dfj@newsbf02.news.aol.com>, spbellamy@aol.com
(SPBellamy) wrote:

> I got an ICOM 706 radio for Christmas, but have received reports of low
> audio. Using the instruction manual directions, I tried to set mic. gain
> using the ALC meter function. I was unable to get a reading. I then
> screamed into the mic. with the gain set at 10 and just got the bottom LCD
> element on the ALC meter to light. Needless to say this makes it
> difficult to even think about setting levels in the compression mode.
> I took the unit back to the store and got the old story of, "you're the
> only one complaining of this problem." I did get the local tech. to check
> other new units in the store and they had the same problem. Anybody else
> unable to get a decent ALC reading out there?
> By the way--I was asked if I had the radio hooked up to a good power
> supply and was I using the stock ICOM microphone. The answer is yes to
> both.
> AA8MX

A Response

To: Stephen Bellamy, AA8MX

Stephen:

I've had the same experience with my IC-706. I have a relatively
soft voice, and have noticed (with other radios) that I don't
'push' ALC's nearly as hard as a lot of other people.

Try this ... go into the 'quick-setup' mode, and cut the RF
transmit power back to say 5 or thereabouts. Then watch your
ALC meter, I think you'll see that, at reduced power settings,
the ALC circuitry is much easier to 'push'.

Take heart ... my ancient Heath HO-10 monitor scope shows that,
even though I'm not making the ALC indication do very much
(with the IC-706's RF output set to "Hi"), that the RF output
looks 'about right' (ie roughly what I'm used to seeing with
my Tentec Paragon).

I'm currently building an adaptor, so I can use my Heil headset
with the IC-706. I called the folks at Heil, and a nice lady
there commented that they frequently have found that ICOM radios
seem to show 'weak' audio when using a non-amplified Heil
microphone element. So, I've taken a circuit out of the ARRL
'Handbook', and am going to build it into the adaptor,
to provide a bit of audio gain.

73

Paul Nix, WB5AGF
e-mail: Paul_N_Nix@aud.alcatel.com

6260. Re: What is HF?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: ka9egw@aol.com
Message-ID: <4bsp9h$ieb@newsbf02.news.aol.com>
Source record: 208154

you ask what's below 30 MHz?

dimmer switches, flourescent lights, motor speed controls, summer static, thunderstorm QRN, auroral blackouts, sunspots (or lack thereof), pirate broadcasters...

novices, tech/plus's, generals, advanced, extras...

challenge, intrigue, entertainment and fun...

cw...

(he said tongue-in-cheek)

6261. Re: "Boatanchor" email exchange?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: ka9egw@aol.com
Message-ID: <4bsp9n$ied@newsbf02.news.aol.com>
Source record: 208155

to subscribe, send an e-mail to

LISTPROC@theporch.com

msg: subscribe boatanchors <your full name and callsign>

6262. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: "C. J. Hawley Jr." <hawley@aries.scs.uiuc.edu>
Message-ID: <30E1BA54.3500@aries.scs.uiuc.edu>
Source record: 208156

W8JI Tom wrote:
>
> In article <4brnqp$tsm@mgate.arrl.org>, Zack Lau <zlau@arrl.org> writes:
>
> > >
> > >No, I'm asking for the equivalent of the source code. A precise
> > >description of the circuitry so that it can be analyzed and possibly
> > >improved.
> > >
> > >
> > Isn't the real question this?
> >
> > Should an educational article withhold information necessary to complete
> > the project, especially if the information only applies to the project and
> > can't be used for other applications? Isn't one of the goals of the ARRL
> > to advance the skill and knowledge of members in our fraternity? Isn't
> > that one of the reasons our hobby even exists?
> >
> > Even a flow chart would have been nice, so the reader could learn a little
> > bit about how the author solved the problem. That certainly couldn't have
> > been a "major deal".

The authors wrote me that QST chose not to publish the originally supplied flow chart because they (QST) felt that the readers would not be interested. The authors will send you a free copy in return for a SASE to the address (I'm guessing on the address) in the article.
I do believe that QST chose not to print the supplied flow chart, but in their defense I don't think that they thought that we wouldn't be interested. Probably something more to do with available space.....and maybe the flow chart was rinky dink and it could be said that anybody interested wouldn't gain much from what was supplied. Trying to be FAIR here. I haven't seen the flow chart. I like QST and feel that it's extremely valuable in many ways to the art, so I hope that this controversy causes hams to join so they can vote, rather than join the chorus of quitters who think that quitting gives them power over their disagreements.

> >
> > Besides the questions above, consider this fact of life. The real motive
> > behind "forcing" builders to purchase something from an author is not
> > important at all. The only thing that matters is what the readers
> > **think** the motive was.

Well, I don't know about this. I think that it's pretty obvious that the authors wanted to capitalize on their efforts (in the long run at least) and that QST decided to sympathize with them feeling that the tradeoff was a good one. In fact

that is exactly my problem with the whole thing. I never thought that I was being FORCED to buy something. I just think that QST should have ethical standards which would have led them to choose differently on this one. They could have given us access through a product release or something. Save the article space for learning. I have a hard time seeing how this article teaches much of anything in it's present form....it's kind of like a "73" article on how to make a relay box to switch antennas that belongs in that "New Ham" section. If the majority of us do benefit from the relay articles then maybe the exams ARE too easy (we know they are, but we could at least lie to ourselves a little by saving the serious space for serious stuff). Maybe we could aspire to greaterness.

> The reasons for not publishing at least a software description have been
> pretty lame so far.

Yes.

> 73,
> Tom

73 de KE9UW
--

Charles Jack Hawley Jr.
Amateur Radio KE9UW (A.K.A. 'Chuck' in Ham Radio)
BMW K100RS, BMWMOA #224 (A.K.A. 'Jack' in Motorcycles)
hawley@aries.scs.uiuc.edu
Sr. Research Engineer Emeritus
Univ of Ill, Urbana-Champaign

6263. ICOM 706 Mic/ALC problem?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: spbellamy@aol.com
Message-ID: <4bsdnl$dfj@newsbf02.news.aol.com>
Source record: 208157

I got an ICOM 706 radio for Christmas, but have received reports of low audio. Using the instruction manual directions, I tried to set mic. gain using the ALC meter function. I was unable to get a reading. I then screamed into the mic. with the gain set at 10 and just got the bottom LCD element on the ALC meter to light. Needless to say this makes it difficult to even think about setting levels in the compression mode.
I took the unit back to the store and got the old story of, "you're the only one complaining of this problem." I did get the local tech. to check other new units in the store and they had the same problem. Anybody else unable to get a decent ALC reading out there?
By the way--I was asked if I had the radio hooked up to a good power supply and was I using the stock ICOM microphone. The answer is yes to both.
AA8MX

6264. FT-900 & FT-900ATs ARE LEMONS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: THORNTONRP@nisewest.nosc.mil
Message-ID: <1995Dec27.224228.24047@nosc.mil>
Source record: 208158

Hello Bob,
I read your e-mail report on the internet. I concur. I bought a brand new FT-530 dual band UHF/VHF handi-talkie and FT-900AT transceiver from "Squeak" AD7K at Amateur Electronic Supply (AES) in Las Vegas in October 1995. First of all, the FT-530 worked like a champ. So I said, this YAESU stuff works like their reputation indicates. Immediately I called "Squeak" AD7K at AES and ordered the FT-900AT. I envisioned using the FT-900AT after I retire shortly in my motor home. Not anymore its back to the old reliable Kenwood TS-520 transceiver. I better buy some more 6146 tubes before they are all gone.

The first thing that I noticed when the FT-900AT arrived was that because of the lack of an RF gain control the background noise was objectionable. The IPO and ATTN controls lowered the signals but the background noise remained objectionable. If you like to "ragchew", where you turn the RF gain down so that the pure audio comes through, then forget it when using the FT-900AT. The problem with the FT-900AT is that it is run wide open, so even if you attenuate the RF front end, the IF stage is still pumping out noise. In the "old days" when you reduced the RF gain you at the same time reduce the IF gain.

The second thing that I noticed was that the Noise Blanker did not work for any kind of noise. I contacted YAESU's Customer Service and complained via telephone and via letter. They did not seem concerned. "Could this be shades of a Kenwood style attitude creeping in." I stated that my Kenwood TS-520 which I also use in my motor home puts the FT-900AT to shame. The TS-520 is quiter with equal sensitivity and the audio is absoutely superb (stereo quality) when you reduce the RF GAIN control. Additionally, the Noise Blanker works too. I asked the YAESU Customer Service representative if there was a way that the useless SQL control could be switched via hardware/software to control RF gain. I stated that if this radio was supposed to be the same as the FT-890AT which has an RF gain, why doesn't the FT-900AT have one. His reply was that they ran out of space on the control head. So I said how about providing me with a schematic of the FT-890AT, maybe I'll be able to modify my SQL control to an RF gain control. He stated that would void the warranty. Big deal, I am back on the TS-520 anyway. The $1300 FT-900AT makes a good short wave and broadcast receiver but not a good ham transceiver.

You can bet I'll never buy another YAESU product. Just think, I had an ICOM IC-706 new in the box and I sent it back to AES in exchange for the FT-900AT. El Stupido mi! Pass the lemon juice please.

Rubin
WB6ELM

P.S.
Are there any FT-890AT owners out there that can send me a copy of your schematics?
Does the Noise Blanker work on the FT-890AT?
Does the RF GAIN control reduce the background hash to allow clear audio reception on the FT-890AT?
Does anyone have a fix for this FT-900AT piece of junk?

6265. FT-900 & FT-900ATs ARE LEMONS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: THORNTONRP@nisewest.nosc.mil
Message-ID: <1995Dec27.224310.24103@nosc.mil>
Source record: 208159

Hello Bob,
I read your e-mail report on the internet. I concur. I bought a brand new FT-530 dual band UHF/VHF handi-talkie and FT-900AT transceiver from "Squeak" AD7K at Amateur Electronic Supply (AES) in Las Vegas in October 1995. First of all, the FT-530 worked like a champ. So I said, this YAESU stuff works like their reputation indicates. Immediately I called "Squeak" AD7K at AES and ordered the FT-900AT. I envisioned using the FT-900AT after I retire shortly in my motor home. Not anymore its back to the old reliable Kenwood TS-520 transceiver. I better buy some more 6146 tubes before they are all gone.

The first thing that I noticed when the FT-900AT arrived was that because of the lack of an RF gain control the background noise was objectionable. The IPO and ATTN controls lowered the signals but the background noise remained objectionable. If you like to "ragchew", where you turn the RF gain down so that the pure audio comes through, then forget it when using the FT-900AT. The problem with the FT-900AT is that it is run wide open, so even if you attenuate the RF front end, the IF stage is still pumping out noise. In the "old days" when you reduced the RF gain you at the same time reduce the IF gain.

The second thing that I noticed was that the Noise Blanker did not work for any kind of noise. I contacted YAESU's Customer Service and complained via telephone and via letter. They did not seem concerned. "Could this be shades of a Kenwood style attitude creeping in." I stated that my Kenwood TS-520 which I also use in my motor home puts the FT-900AT to shame. The TS-520 is quiter with equal sensitivity and the audio is absoutely superb (stereo quality) when you reduce the RF GAIN control. Additionally, the Noise Blanker works too. I asked the YAESU Customer Service representative if there was a way that the useless SQL control could be switched via hardware/software to control RF gain. I stated that if this radio was supposed to be the same as the FT-890AT which has an RF gain, why doesn't the FT-900AT have one. His reply was that they ran out of space on the control head. So I said how about providing me with a schematic of the FT-890AT, maybe I'll be able to modify my SQL control to an RF gain control. He stated that would void the warranty. Big deal, I am back on the TS-520 anyway. The $1300 FT-900AT makes a good short wave and broadcast receiver but not a good ham transceiver.

You can bet I'll never buy another YAESU product. Just think, I had an ICOM IC-706 new in the box and I sent it back to AES in exchange for the FT-900AT. El Stupido mi! Pass the lemon juice please.

Rubin
WB6ELM

P.S.
Are there any FT-890AT owners out there that can send me a copy of your schematics?
Does the Noise Blanker work on the FT-890AT?
Does the RF GAIN control reduce the background hash to allow clear audio reception on the FT-890AT?
Does anyone have a fix for this FT-900AT piece of junk?

6266. Re: RCA Commercial Equiypment For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: David Werner <werner@itis.com>
Message-ID: <4bsbku$cu5@tower.itis.com>
Source record: 208160

Do you have a sevice manual for a Motorola HT-220
UHF slimline?

Thanks,

Dave

6267. "Boatanchor" email exchange?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: garland@ohstpy.mps.ohio-state.edu
Message-ID: <1995Dec27.173352.8639@ohstpy>
Source record: 208161

I'd appreciate it if someone could tell me how to subscribe to the "boatanchors" email exchange. I lost the info. Tnx. Jim W8ZR

6268. Knight-Kit-Electoinic-Lab

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: dws@sgfb.ssd.ray.com
Message-ID: <DK9nz3.10n@ssd.ray.com>
Source record: 208162
Cross-posted to: rec.radio.amateur.equipment,sci.electronics

While I was back in the old home town over Xmas
I was rummaging around in the attic and found a Knight Kit
that I had built back in the 50's. I was wondering if
there was anyone out there who remembers the 12-in-1
Electronic Lab Kit. The kit consisted of a particle
board base about one foot square. On the left side
was the power supply and a 12K5 tube under a perforated
cover. The rest of the board had three terminal strips
mounted an inch or so above the board. Various electronic
components were mounted between the strips and could be
interconnected by soldering wires in appropriate places.
There were terminals for an antenna, mic, earphones and ground.
There was a hand key in the right front corner and a volume
control and variable capacitor along the front edge.

There were 12 projects to wire including an AM
transmitter that put out a signal on the AM broadcast band.
I seem to remember a photo-electric project and a morse key
also. I had a ball with it at the time.

I was unable to find the book that explained the
hookups. It is probably long gone. I was wondering
if anyone else remembers this and perhaps might even
have the book. I sure would appreciate a copy of it.

Happy New Year!

Dave Smith WA1UWU

6269. Re: Want diagram computer if ic706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: Paul_N_Nix@aud.alcatel.com
Message-ID: <Paul_N_Nix-2712951725140001@paul_nix.aud.alcatel.com>
Source record: 208163

Enno:

In reference to your query, for a circuit that will
provide an RS-232 interface to your ICOM IC-706 radio;

Do you have access to the magazine "QST", the monthly
publication of the American Radio Relay League (ARRL)?
There have been at least three articles, since about 1991,
that provide interfaces that can be used with ICOM radios.

The simpliest interface uses 5 or 6 transistors, a few
resistors, a few capacitors, perhaps a diode or two, and
it takes power from the transmit data line coming from the
computer, using the negative going data transisitions to
charge up a capacitor to provide the negative voltage for
the RS-232 signal going into the radio.

The other articles use either the MAX232 chip (which has its
own on-board negative voltage supply), or the MC1488/1489
chips, which need a source of negative voltage to work.

I have an IC-706, and am planning on building my own
interface, following the first example that I've given.

Please let me know if you need actual schematic information.

73

Paul N. Nix, WB5AGF
e-mail: Paul_N_Nix@aud.alcatel.com

6270. Is "Code Quick" any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: zaax@aol.com
Message-ID: <4bt2te$m6s@newsbf02.news.aol.com>
Source record: 208164

I would like to hear from anyone that has used "Code Quick". Did this system
work for you? Any info will be appreciated.

73
Zack Schindler
N8FNR

6271. Re: What is HF?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: ka9egw@aol.com
Message-ID: <4bsouv$i9l@newsbf02.news.aol.com>
Source record: 208165

```
VLF=3-30 khz
LF=30-300 khx
MF=300-3000 khz
HF=3000 khz-30 mhz
vhf=30-300 mhz
uhf=300-3000 mhz

for further info, refer to the first two chapters of any post-WW2 ARRL
Handbook.

73.
```

6272. Re: Atlas 210X power output Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <820123178.20343@pinetree.microserve.com>
Source record: 208166
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

"Michael G. Reiney" <mreiney@hevanet.com> wrote:

>I have an Atlas 210X that works fine on 40 meters and up. On
>75 meters, I can only get about 40W out of it.

That could be many things besides the final amplifier circuitry.
Have you looked at the RF amplitude feeding the drivers or PA?

73,
Jack WB3U

6273. Re: Connecting computers over radio.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: pyro@primenet.com
Message-ID: <4bte25$kl3@nntp3.news.primenet.com>
Source record: 208167
Cross-posted to: rec.radio.shortwave,alt.radio.digital,rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc

In article <4b77u4$ljf@tofu.alt.net>,
sierra.electronics@connectus.com (Eucke Warren) wrote:
-mack@ncifcrf.gov (Joe Mack) wrote:
-
(Previous article deleted)

->VHF through microwave is needed for this sort of data rate, 56kb modems are
->available for this for about $300 (I think)
->>Does anyone know how possible, leagal and/or expencive is this project?
-
->Well everyone wants one of these. They are starting to be off the shelf but
->they're expensive in the kilo$ region I think. There's things like
->personal computer communicators which send RF around a building at about
->900MHz and if you put an antenna on them they go for about 2 miles.
->I understand that companies have developed stuff at about 2-5GHz to do the
same
->thing. I'm hoping that ham packet will all go over to this sort of stuff
->so we can have ethernet data rates on 10GHz.
-
-
->Joe Mack NA3T
-> mack@ncifcrf.gov

AT&T is busy installing PCS equipment licensed for band A 2GHZ and Narrow band 940Mhz at a public facility I work at. Review of their specifications show a singular T1 driving the installation. Range on a line-of-sight installation in open terrain with antenna HAAT around 100', the effective coverage zone is 1 mile. Getting into 2 miles puts you deep into the roll-off zone. The facility has several buildings with several floors and configurations. Due to presence of public, ERP is being limited to around 150W. (About 6-10 Watts at the Amp)
[Look Ma, This plastic dome is a magic sun lamp]

I dont think we'll be seeing ethernet data rates on any publicly offered PCS net with these kind of specs I'm reading through. I think their target market isnt the heavy video conferencing crowd they play it up to be. Most lines will service digital cellular telephony.

Cheers

+----------------------+-----------------------------------+
Mike Carter	
Pyro@primenet.com	Happiness is a rocket in flight
MAD ROCKET SCIENTIST	
+----------------------+-----------------------------------+

6274. Kenwood R-599D Receiver?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4bs32g$kvf@news1.sunbelt.net>
Source record: 208168

I recently picked up a Kenwood R-599D (Or maybe it is R-5990). It has space inside for two converters - 6M and 2M.

Anybody have either of these converters for sale?

Also, I might be interested in picking up the matching transmitter (it transceives with it).

Also need a manual.

Anybody??

Jerry F. W4UKU South Carolina

6275. Re: Smoke Filled Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-27 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4bs6ub$s21@news1.sunbelt.net>
Source record: 208169

rvr@pacifier.com (Ronald Ries) wrote:

>Well, I just purchased my first previously owned radio ...

>One small hitch, the rig was a one owner who smoked. The shack now smells
>like old cigarette butts.

>Anybody have any experience with eliminating the problem or at least
>minimizing the odor?

What you smell is molecules "evaporating" from the radio. That is why the smell will eventually disappear by itself, after most have naturally evaporated. You can help it along considerably:

After you wash it as well as you can using the methods already outlined by the other guys responding to your post before me, help the remainder evaporate by using mild heat. You can place it in a box in the sun on a warm day, inside a car with the windows just cracked a half-inch, inside my South Carolina attic any day in July, or some similar way to heat it moderately for several hours, while allowing the evaporated materials to escape. If you can smell the odors after the first evaporation, repeat it once or twice.

Don't get cocky and put it inside your kitchen oven, though - the temp is not well controlled and you could ruin the plastics in it. You might be able to use a hair dryer inside a box for this, if you are careful and can monitor the temp. I would keep it down to temps that humans can tolerate - like up to about 120 degrees F.

Jerry Flanders W4UKU South Carolina

6276. Re: Ham-Equip Digest V95 #721

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: RSmall01@aol.COM
Message-ID: <951228150928_25782297@emout05.mail.aol.com>
Source record: 208055

WTB:

Searching for an HQ-170 or 180 in 9 to 10 condition. No mods. Will pay top $ for the right unit.

6277. Re: Ham-Equip Digest V95 #721

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: RSmall01@aol.COM
Message-ID: <951228150934_25782365@emout06.mail.aol.com>
Source record: 208056

Heath SB-200 1KW AMP was just passed on to me. Looks like new on the outside-no scratches on cabinet or green front. Tests Ok per original manual meter test including HV at 2400 volts. I have not had this unit on the air. First $250 takes it..You ship.

6278. Re: 2 Channel Maxtrac to 16 Channel Maxtrac Conversion??????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: flanders@znet.groupz.net
Message-ID: <4buh2h$1i3@news1.sunbelt.net>
Source record: 208057

scanner119@aol.com (Scanner119) wrote:

>I saw a posting on here the other day on converting a 2 channel Motorola
>Maxtrac(VHF High Band) to a 16 channel. I have access to both the
>software and hardware I need some technical advice on how to do it. I
>have
>4 mobiles and 1 base station I use for my construction company and would
>like to convert them to 16 channel radios. I priced out new radios from a
>local guy and he wants $425 a pop for 16 channel ones(used, no less) and I
>spoke to a friend who says the hardware is only about $25 for each radio
>so I
>figured this was the way to go. I really could use some help from you
>guys.
>I'm really not a radio-guy, I'm a scanner-guy myself. Any help would be
>greatly appreciated. Thanx in advance.

>Scott

Scott, you need a radio-guy. You can identify a radio-guy by the
commercial FCC-issued license that he holds. You will find him at a
commercial 2-way radio shop.

Jerry Flanders W4UKU South Carolina

6279. $$$ Buyers BEWARE// VE7-EXG $$$!!!!!!!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4bsq80$5pm@whidbey.whidbey.com>
Source record: 208170

When buying New/Used equip from Frank be sure you
perform an operational check on the equip. Be sure
and verify that ALL of the options that he says are
"installed" are actually in the equip in question.

I bought a Icom V68 HT in which he told me the CTCSS
tone board was installed. I took his word as a fellow
ham. To my dismay, I later discovered that NO CTCSS was
installed!!!

When I contacted Frank he was very rude and told me that I
should have known better and that CTCSS was an option, not
standard. I knew that it was an option and specifically
asked if it was installed as the radio was useless to me
without the option. He told me it was installed!!!

Franks told me that If I wanted any refund that would have
meet him in Burnaby BC, a 6hr drive from my location. Not much
of a solution, eh?

So,take this into consideration if you are thinking about making
a purchase from Frank.

de VE7-LFA/W7

6280. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: faunt@netcom16.netcom.com
Message-ID: <FAUNT.95Dec27165312@netcom16.netcom.com>
Source record: 208171

In article <4bskjs$rss@cc.iu.net> wnewkirk@iu.net (Bill Newkirk) writes:

author didn't have one? (suspecting the code won't exactly be a pinnacle
of structured design as most of these sorts of things go...8)...

One of the authors stated that getting the code into the ROM available
called for programming tricks. I suspect the code is, by current
standards, pretty grungy. Of course, those of us who worked with 32K
7040's, 4K PDP-8's and 256 byte Altairs, not to mention 6502's in all
their various incarnations, are not easy to offend.
73, doug

6281. I need help/advice on homebrew device

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: VCBN48B@prodigy.com
Message-ID: <4bstju$2fae@usenetp1.news.prodigy.com>
Source record: 208172

I am looking for a kit or device or circuit which can be built into a desk microphone that will send the letter "K" when the PTT button is released. This would signify that you are now ready to receive. If anybody has any Ideas, please let me know.
Brian

Please reply via E-Mail

6282. Recommend fast charger for AA Nicad Cells

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: dgf@netcom.com
Message-ID: <dgfDK9xqs.Cw9@netcom.com>
Source record: 208173

I'd like to find a fast charger that would be good for AA size NiCad
cells, including those high capacity ones you can get at rat shack.
I would like one that could do 8 cells at a time. Any suggestions?

73 Dave WB0GAZ dgf@netcom.com

6283. MOTOROLA GP300 Software Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: KMAGLOUGHLIN@delphi.com
Message-ID: <4bsuqk$6ps@news1.delphi.com>
Source record: 208174

Quoting cardenas from a message in rec.radio.amateur.equipment
>From: cardenas@kaiwan.com (Anthony O. Cardenas)
>Newsgroups: rec.radio.amateur.equipment
>Subject: MOTOROLA GP300 Software Help
>Date: Tue, 26 Dec 1995 20:50:30 GMT
>Organization: KAIWAN Internet
>(310-527-4279,818-756-0180,909-785-9712,714-638-4133,805-294-9338)
>Lines: 42 Message-ID: <4bpnd5$k07@kaiwan.kaiwan.com>
>NNTP-Posting-Host: kaiwan009.kaiwan.com
>X-Newsreader: Forte Free Agent v0.55
>I have access to licensed Motorola GP-300 software/program and program
>hardware/fixtures (a metal bed the radios rest in while programming).
>My radio is the 16 Channel, UHF, *TouchTone version with speaker mike.
>Sadly, the F-1 Help/instructions are VERY poor! The Options and
>Commands on screen have very vague and misleading wording. I lost a
>lot of time getting this far.
>* At present I have all 16 new UHF frequencies and PL's installed.
>All channels and PL's work fine. My new 'scan' list works fine.
>** Since the new frequencies were installed the following items no
>longer work (but DID before the new freqs. were installed):
>1. *TouchTone pad only issues a single-tone.
>2. The two options buttons above the PTT no longer work.
>3. The Speaker/Mike jacks don't work.
>The owner of the Programming equipment does not have the MANUAL for my
>GP300, nor does he have the specific programming manual/instructions
>for the radio.
>*** I'd love to have a photocopy (or original) of the programming
>instructions/pages (not software)! I'll be happy to pay any copy costs
>and shipping. ***
>IMPORTANT!!!
>The owner of the programming equipment and software is in the two-way
>radio business. He is a Motorola dealer but sells many other lines
>as well. He does NOT wish to provide *ANY* bootleg copies of
>radio programming software to anyone. A message requesting same will
>be fruitless.
>Thanks!
>Tony
>WA6IGJ
>.
If the shop with which you are dealing is is fact a true Mother Motorola
dealer, then he should be ordering the manual for the software himself.
Look up the part number and order it. That's what I do when I want to find
Motorola information.

Kevin KA0JQO
The faster you put things together, the faster they come apart. Dr.Who

6284. Re: Radio-TNC Cable Wiring Diagrams at Web Site

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: stan@mutadv.com
Message-ID: <4buekc$94k@news-2.csn.net>
Source record: 208175
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.misc,rec.radio.amateur.equipment

In article <medcalf-2712951403280001@port2.idtslw1.idir.net>, medcalf@idir.net says...

>Radio to TNC wiring diagrams and other information about digital
>modes can be found at the following site:

>Wiring Index URL: http://www.idir.net/~medcalf/ztx/wire

>The site also contains the following articles:

>Site URL: http://www.idir.net/~medcalf/ztx/

Wow! Is this ever a gem! If all new TNC users would check out this web page before warming up the soldering iron there would be far fewer unused TNCs gathering dust in the shacks of frustrated hams. And Gloria has published a marvelous book that reveals all the mysteries of TNCs. A must-read for anyone who wants to go beyond "appliance operating" with digital radio.

73 es gud dx in '96.

Stan
--
Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: http://www.mutadv.com/kawin/
KaWin FTP Site: ftp.csn.net in the directory /kawin

6285. Re: MFJ 2m and 6m radios

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: Curt Sanders <csanders@redrose.net>
Message-ID: <4bt36c$lj5@lily.redrose.net>
Source record: 208176

MFJ does have a new 6m SSB/CW xcvr on the market (MFJ-9406) for $249.95

Thanks for the comments about working 6m SSB as I was thinking about purchasing this rig.

```
*******************************************************
* "There is nothing constant but change." ï¿½ Heraclitus *
* --- *
* N3TLJ@WA3KXG.FN10RE.PA.USA.NA (Amateur Radio) *
* Reunion Users Group (genealogy) * Hershey Apple Core *
*******************************************************
```

6286. Re: AM reception in your teeth?!?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: <>
Message-ID: <4bt9se$tbe@prometheus.localnet.com>
Source record: 208177

Albert Liao (liao@emedia.net) wrote:
: here's a question i've been trying to figure out:
: a lot of people claim they can hear AM transmissions through
: their dental work or bedsrpings. how does this happen? obiviously,
: the metalic structure of the dental work and the springs can act as
: antenna's but what is demodulating the signal from the carrier?
: and what is used to amplify the sound?

Any combination of a nonlinear device followed by a low-pass filter
(something slow) can demodulate an AM signal. Anything going down in a tooth
is not going to need much amplification- touch a piece of aluminum to
a silver/mercury dental filling and the resulting current going through the
nerve will be easily felt.
A double edge razor-blade makes a good demodulator. Electrically attach a
piece of graphite to a pin, connect the blade to an antenna and the other
end of the pin to one input of high-impedance earphones, with the other input
grounded and you can feel around on the blade for AM stations. The oxide layer
on the blade makes a semiconductor.

6287. Re: MOTOROLA GP300 Software Help

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: Brian Kitaoka <bk104@hgea.org>
Message-ID: <4btjc1$k5r@hgea01.hgea.org>
Source record: 208178

Tony: Did you check the following:

1) On the DTMF Keypad issue, it seems your radio is not seeing the DTMF Keypad. You DO have to enable it in the software. Each channel has to be turned on. This is done on the DTMF field not the channel programming.

2) As far as your side buttons, you can change the settings under side buttons. I don't have my notebook with me so can't walk you thru.

3) On the speaker mic jack issue, the speaker mic jac & radio programming are NOT related. If you noticed, you program the radio from the back. MAKE SURE THAT YOU PLUG THE SPEAKER MIC IN WITH THE RADIO IN THE OFF MODE. If you still have problems, recommend you send it in for service. Could be your mic jack went bad. There were some service memos a while back concerning the jack and a warning that you DO NOT plug any NON MOTOROLA Jacks in the socket. The Jack on the GP300 is very percise. We have found customers who have plugged in their own walkman type earphones and have damaged this jack.

By the way, if your friend is a Motorola dealer, he should know all of this. I have been associated with on since 1987 when RADIUS started.

73's and have a safe holidays.

6288. Re: Atlas 210X power output Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: leigh@rain.org
Message-ID: <4btb41$cm7@news.rain.org>
Source record: 208179
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

I've found my Atlas 210 to be EXTREMELY SWR sensistive, so you might take a closer look at your 75 meter antenna.

I sometimes do 40 meter mobile with a Hustler 40 meter coil and a SWR around 1:1.5. My Icom 735 will put its full 100 watts into this antenna, but the Atlas 210 will drop to QRP levels, unless I have a tuner inline, then I get full power out.

Even though it is a little drifty on warm-up, has no CW sidetone and awkward CW TX/RX switching, I like my little old Atlas 210. I bought it from a newer ham for a mere 50 bucks, one of the best radio deals I've stumbled upon.

73. --Leigh/KM6JE.

6289. 2 Channel Maxtrac to 16 Channel Maxtrac Conversion??????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: scanner119@aol.com
Message-ID: <4bthoa$s15@newsbf02.news.aol.com>
Source record: 208180

I saw a posting on here the other day on converting a 2 channel Motorola Maxtrac(VHF High Band) to a 16 channel. I have access to both the software and hardware I need some technical advice on how to do it. I have
4 mobiles and 1 base station I use for my construction company and would like to convert them to 16 channel radios. I priced out new radios from a local guy and he wants $425 a pop for 16 channel ones(used, no less) and I spoke to a friend who says the hardware is only about $25 for each radio so I
figured this was the way to go. I really could use some help from you guys.
I'm really not a radio-guy, I'm a scanner-guy myself. Any help would be greatly appreciated. Thanx in advance.

Scott
SCANNER119@AOL.COM
Scanner119@AOL.COM

6290. Re: ICOM 706 Mic/ALC problem?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: "Richard L. Duell" <rduell@iac.net>
Message-ID: <4bu5c1$ric@cheyenne.iac.net>
Source record: 208181

I have an IC-706 and have had zero problems with mike gain. I'm using the hand mike that came with it and an Astron RS-35m power supply. I just got the mike extender/converter cable and plan to connect my Heil to it (have to install a blocking capacitor first).

The only problem I ran into was my own doing. I couldn't get rated output to my dummy load on 6m. After much fussing, I realized I was sending the signal to my dummy load through the low pass filter that I have in line for HF work. It really works - lets very little 50 MHz enery through it. When I took the filter out of the line, I got full rated output.

6291. ICOM 706

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: BSDS13A@prodigy.com
Message-ID: <4bu0cj$1b3k@usenetw1.news.prodigy.com>
Source record: 208182

I AM LOOKING FOR ANY MODS FOR THE ICOM 706. I UNDERSTAND THERE IS ONE FOR
THE HAND MIC THAT WILL BOOST AUDIO RESPONSE. ALSO ARE THERE ANY FREQ
EXPANSION TYPE MODES OUT THERE. TNX ES 73
JOHN WA4BMG

6292. Need procedure to zero-beat Heathkit HW-16 and HG-10B

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: draagen@forge.connectnet.com
Message-ID: <DRAAGEN.95Dec28060858@forge.connectnet.com>
Source record: 208183

I have a Heathkit HW-16 CW transceiver with the companion HG-10B VFO.
I also have the original manuals for said station. I'm planning on
putting it on the air soon.

What I'm lacking is an understanding of how to 'zero beat' the station
so that I'm transmitting and receiving on the same frequency. When I
begin operation, I'd like very much to be a good operator, but this
particular requirement isn't documented anywhere in the manuals.

Can you help?

--
David Negaard o San Diego District Youth Executive
625 Shenandoah Avenue o aquarist
San Marcos, CA 92069 o linux-phile
draagen@connectnet.com o 73 de KB0PXK
--
David Negaard o San Diego District Youth Executive
625 Shenandoah Avenue o aquarist
San Marcos, CA 92069 o linux-phile
draagen@connectnet.com o 73 de KB0PXK

6293. DSP-12 LL Grace Info Request

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: cscott@freeway.net
Message-ID: <4buakc$2nn@onramp.freeway.net>
Source record: 208184

Hi All:
I've been so busy the last year or so that my DSP-12 has just been
sitting here doing nothing most of the time. I'd like to get back to
at least pretending that I'm a Ham and the DSP-12 is one thing I'd like
bring up to date (whatever that might be at this point).

QUESTIONS:

* Is L.L. Grace still in business

* Is there an E-Mail address or Web presence for L.L. Grace
(I can't seem to find any and don't remember his CIS address)

* Is the DSP-12 still supported at all

* What's the last update to the Firmware

Thanks for any assistance.

Chuck Scott - N8DNX

6294. Re: Need Kenwood repairman CT/MA for AT250

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: "Thomas C. J. Sefranek" <sefranek@iii.net>
Message-ID: <4bu8h4$92@news.iii.net>
Source record: 208185

Kenwood Repairs:

Jacques Patry
Groton Electronics
12 Hemlock Rd.
Groton, Ma.

1-508-448-3322

6295. Source for tubes for HW-16 and HG-10B

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: David Negaard <draagen@connectnet.com>
Message-ID: <30E2B4CF.5D58D06B@connectnet.com>
Source record: 208186

Out of curiosity, where does one obtain replacement tubes for such 'vintage' hardware? I _suspect_ that a tube or three might be less than perfect with this stuff, and in any case think it wouldn't be a bad idea to lay in a set of spares.

Tubes needed include:

QTY	DESCRIPTION
1	12AX7
2	6CL6
2	6EA8
2	6EW6
1	6HF8
1	6GE5
1	OB2
1	6CH8

On another note, the days of tube testers in every grocery store are long gone, I'm afraid, so where does one go to test suspect tubes these days? Inquiring minds want to know...

--
David Negaard o San Diego District Youth Executive
625 Shenandoah Avenue o aquarist
San Marcos, CA 92069 o linux-phile
draagen@connectnet.com o 73 de KB0PXK

6296. What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: jamest@netcom.com
Message-ID: <jamestDKB4Hv.n1q@netcom.com>
Source record: 208187

Just out of curiosity, what's considered a boat-anchor?

Does my Hallicrafters SX-101 or my HP-608 classify? They both seem heavy enough to anchor most small craft. And I have considered sending them both deep :)

Later.

James KB6NYG

--
jamest@netcom.com

6297. FS: VINTAGE - GONSET G-76 HF- 6 METER TRANSCEIVER $150.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: jman1173@aol.com
Message-ID: <4bul82$6ur@newsbf02.news.aol.com>
Source record: 208188

I HAVE A GONSET G-76 TRANSCEIVER WITH MATCHING POWER SUPPLY.
TRANSMITTS ON(50,) (28)(,21)(14)(,7),(3.5) AM AND SSB HAS VFO OR CRYSTAL
CONTROL, BFO, PLATE,GRID,LOAD,SPOT,DRIVE,DIAL SET,REC, TR-REC,
HEADPHONE JACK-SPEAKER IS IN THE MATCHING POWER SUPPLY, I THINK IT TRANS.
AT 100 WATTS. ALL TUBES LITE AND ARE ALL THERE, DONT HAVE MIKE.
DARK BLUE IN COLOR. A GREAT 6 METER 10 METER HF AM RIG!!!
$150. PLUS SHIPPING FROM S. FLORIDA C O D ONLY. IT IS HEAVY. 14"X12"X6"
WITH THE SAME SIZE POWER SUPPLY

6298. FS: Yaesu FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: ctompkin@infi.net
Message-ID: <4bulpl$ia7@news.infi.net>
Source record: 208189

Well, I won this the radio at a computer show and I really don't know much about this sort of thing so I'm trying to sell it. It looks kind of small and is probably designed for use in a car. This is what it says on the box:

Military spec construction
High effiency, integrated die cast chassis and heat sink
Advanced track tuning (ATT) receiver
Alpha-numeric LCD display
31 variable power output levels
31 memories

The specs in the manual are as follows:

General

Frequency range: (Tx)144 ~ 146 or 148 MHz, (Rx)144 ~ 146 MHz or 140 ~ 174 MHz
Channel steps: 5, 10, 12.5, 15, 20, 25 & 50 kHz
Frequency stability: < +- 10ppm (-20 to +60C)
Mode of Emission: F3 (G3E)
Antenna Impendance: 50 ohms, unbalanced
Supply voltage: 13.8V DC +- 10%, negative ground
Current Consumption(typical): Rx: 600 mA, Tx hi/mid/low 12/9/5A
Operating temperature range: -20 to +60C
Case size (WHD): 160x50x180 mm (w/o knobs)
Weight: 1.5 kg (3.3 lbs)

Transmitter

Output power (hi/mid/low): 50/25/5W
Modulation type: Variable Reactance
Maximum deviation: +- 5 kHz
Spurious radiation: less than -60 dB
Microphone Impendence: 2k omega

Receiver

Circuit type: Double Conversion Superheterodyne
IFs: 21.4 MHz & 455 kHz
Sensitivity (for 12dB SINAD): better than 0.2 mu V
Selectivity: (-6/-60 dB): 12/30 kHz
IF Rejection: better than 70 dB
Image Rejection: better than 70 dB
Maximum AF Output: 3.5W into 4 ohms @10% THD

Accessories

FTS-17A CTCSS Unit
FRC-6 DTMF Pager Unit
MH-26g8j Hand Mic w/ Burst
MH-27a8j DTMF Keypad MIC
SP-7 External lounspeaker
FP-800 AC Power Supply

The radio is brand new. It's never been used and it includes all manuals, warranty cards, etc. I've been told that this thing retails for about $400 so I'm asking for $275 (willing to compromise). You can contact me at ctompkin@infi.net

Cort Tompkins
ctompkin@infi.net
Virginia Beach, VA

6299. free catalogue

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: ddilger@prtel.com
Message-ID: <ddilger-2812951235400001@fergus-19.dialup.cfa.org>
Source record: 208190

```
call 800 334-6455 for free catalogue of access equipment from skyvision.
They also provide free technical support at this number.
```

6300. Re: re need schematic fo 706's cpu

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: Robert H&#65533;yvald <72242.477@CompuServe.COM>
Message-ID: <4bup8j$1d7$1@mhafm.production.compuserve.com>
Source record: 208191

I have a copy and will e-mail you a scanned version of it later
today.

6301. FS: IFR AM/FM 1000A Service monitor

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: danjones <danjones@tiac.net>
Message-ID: <4buocl$rv6@sundog.tiac.net>
Source record: 208192

For Sale:

IFR AM/FM 1000A Service Monitor
For testing & allignment of radio equipment

Generates / receives AM & FM up to 999.999 MHz.
Provides following for transmit and receive;
Frequency reference, deviation measurement, power meter to 100 watts,
field strength, audio scope, internal tone oscillator, and more.
Powered by 110 VAC or 12 VDC, portable.

Asking price $2500.00

Contact: danjones@tiac.net
Telephone: USA 617.338.4455 ext.# 132

6302. FS: IFR AM/FM 1000A Service monitor

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: danjones <danjones@tiac.net>
Message-ID: <4buoed$rv6@sundog.tiac.net>
Source record: 208193

For Sale:

IFR AM/FM 1000A Service Monitor
For testing & allignment of radio equipment

Generates / receives AM & FM up to 999.999 MHz.
Provides following for transmit and receive;
Frequency reference, deviation measurement, power meter to 100 watts,
field strength, audio scope, internal tone oscillator, and more.
Powered by 110 VAC or 12 VDC, portable.

Asking price $2500.00

Contact: danjones@tiac.net
Telephone: USA 617.338.4455 ext.# 132

6303. Drake Stuff

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: neil@eden.com
Message-ID: <neil-2812951354330001@199.171.21.209>
Source record: 208194

Howdy, I have an R-4B that I want to sell: The price I am asking is $140.00. I also have a 6 meter rig, a TR-6 and for this I would like $450.00. I would like to be paid in advance and can take Visa or Mastercard. I will also charge for the shipping. Let me know. Thanks, Neil L. Chavigny

6304. Re: Gripe about QST Automatic Tuner Article

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: w8jitom@aol.com
Message-ID: <4buoli$845@newsbf02.news.aol.com>
Source record: 208195

In article <30E1BA54.3500@aries.scs.uiuc.edu>, "C. J. Hawley Jr." <hawley@aries.scs.uiuc.edu> writes:

>The authors wrote me that QST chose not to publish the originally supplied
>flow
>chart because they (QST) felt that the readers would not be interested. The
>authors will send you a free copy in return for a SASE to the address (I'm
>guessing on the address) in the article.

Shheeshe, why would someone going through all the trouble of reading the article NOT be interested in how someone else solved the problem. Let alone if they built it!

Wiley was right, the world is an illogical place. Men should ride side-saddle.

73 Tom

6305. * Thanks to all who advised that Portland Radio is no more *

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: 2WSK000@gc.maricopa.edu
Message-ID: <01HZB4UCY1E60002GO@gc.maricopa.edu>
Source record: 208196

The word is that Portland Radio Supply (Ham Radio Heaven) has indeed closed its doors and gone out of existence.

And so goes history. THANKS TO ALL WHO RESPONDED.

Happy Holidays!

-73
Steve N7AJP/Phoenix

6306. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: stever@raven.cybercom.com
Message-ID: <4bv4n1$vro@crow.cybercomm.net>
Source record: 208197

jamest@netcom.com (JT) wrote:

>Just out of curiosity, what's considered a boat-anchor?

>Does my Hallicrafters SX-101 or my HP-608 classify? They both seem
>heavy enough to anchor most small craft. And I have considered
>sending them both deep :)

>Later.

>James KB6NYG

>--
> jamest@netcom.com

HI James,
They sure do...If you send them deep please let me know so
I can put on my diving gear! I'll take the sx101 off your hands :o)

Steve, WA2nhz

6307. Kenwood TS-830S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: hamradio@innet.com
Message-ID: <4butn0$sh5@lucky.innet.com>
Source record: 208198

I'm looking at purching my first HF rig. I can't afford a new one but
I was wondering about the TS-830S. I've seen them in the $500 to $700
range. I would like to hear from someone who is famillíar with them.
Any comments are appreciated. Thanks, Tony, KC5OQE

6308. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: jlowman@netcom.com
Message-ID: <jlowmanDKBAIM.C7E@netcom.com>
Source record: 208199
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

ME (georgec@onramp.net) wrote:

: Hey! What did you ask them to get the folks there even close to surly,
: etc???

: I've dealt with them while I lived in Austin, bought probably around 7 or
: 8K of stuff, and always, always was treated just fine by all concerned.

: Austin Amateur Radio is a must call when shopping, and I can tell you, I
: have always had the best deal from them.

I have never dealt with AAR before, but will probably call them for a quote on an IC-706, along with Oklahoma Comm Center.

There was a similar thread on this newsgroup a few months back, where there were numerous complaints about the attitudes of salespeople at both HRO and AES, experienced by walk-in customers.

However, I have bought quite a few items since from HRO, visiting their stores in Anaheim, Burbank and San Diego. I have never been treated any less than I would expect on any visit. One of the salesmen at HRO-Anaheim even held on to his last antenna of the type I wanted, until I visited the store two days later, with just my word that I would be there to buy it.

Last time this thread went around, someone suggested that the attitude of the customer could have something to do with the problem. Not to accuse anyone here, but this is something to consider.

Jim

jlowman@netcom.com | Jim Lowman * KF6CR* San Bernardino, CA
Systems Analyst | San Bernardino City Unified School District
(909) 881-8146 (O) | Unix: "It isn't supposed to be easy...If it
(909) 862-0662 (FAX)| was, everyone would be doing it." -Unknown-

6309. FS: MFJ telephone autopatch J-COM

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: ESENYAN <esenyan@medlib.hscbklyn.edu>
Message-ID: <9512282122.aa22810@news.demon.net>
Source record: 208200

73 from N2ZEB.

J-COM personal patch, for sale: $185 + shipping.
With schematics, programming instructions, power supply etc. in
absolute mint condition. it will do reverse patch and also has relay
output. Separate codes for long distance and local calls. Will
regenerate DTMF tones internally. Programmable CW ID.
(almost a year old, not much used.)
Call 718-270-1373 for more information or
email
esenyan@medlib.hscbklyn.edu
Please include your HAM call letters.

6310. Up-Grade/ETC in January in Richmond, Va.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: wboyden@freenet.vcu.edu
Message-ID: <4bvl3d$7e1@freenet.vcu.edu>
Source record: 208201

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RICHMOND, VIRGINIA, U.S.A.

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Warren Boyden, KB4STL, (804)-233-3170
Raymon Roberts, W4MYI, (804)-740-5850

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(S)lower (T)han (L)ight

6311. (no subject)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: Library Internet 2 <unknown>
Message-ID: <1995Dec28.161400.1061@ecc.tased.edu.au>
Source record: 208202

Does anyone have a cheap 70cm or 2m/70cm set? I don't care if it's mobile, h/held or what.

Reply... johnatha@cin.gov.au

6312. Help RS HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: "James H. Huss" <huss@cliff.cs.rl.af.mil>
Message-ID: <30E2B6A5.167E@cliff.cs.rl.af.mil>
Source record: 208203

I just bought a Radio Shack HTX-202 of of the net.
It is in new condition, however I do not have the manual.
It is like my Icom 32AT but I cannot figure out how to
program in the memory chanels. If anyone knows how
and or knows where I cand get a manual please e-mail
me directly.

Thank You,
Jim Huss
KB2LET
fjhh@sunyit.edu

6313. FS: FT-530 Handy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-28 00:00:00 UTC
From: dg5ffa@port.ve3mch.ampr.ORG
Message-ID: <11609@port.ve3mch.ampr.org>
Source record: 208204

G'day !

I'm selling my Yaesu FT 530 Handheld ! It have a Frequencerange from 110-180 MHz, 350-500 MHz and 800 to 950 MHz. VHF/UHF Power are 5 Watts. All this features you'll get for 390 $ or 550 DM

Pse E-Mail to : dg5ffa@port.ve3mch.ampr.org

6314. $$$ Buyers B E W A R E // VE7-EXG $$$!!!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: subbustr@whidbey.net
Message-ID: <4bvhvv$4h2@whidbey.whidbey.com>
Source record: 208058

When buying New/Used equip from Frank be sure you
perform an operational check on the equip. Be sure
and verify that ALL of the options that he says are
"installed" are actually in the equip in question.

I bought a Icom V68 HT in which he told me the CTCSS
tone board was installed. I took his word as a fellow
ham. To my dismay, I later discovered that NO CTCSS was
installed!!!

When I contacted Frank he was very rude and told me that I
should have known better and that CTCSS was an option, not
standard. I knew that it was an option and specifically
asked if it was installed as the radio was useless to me
without the option. He told me it was installed!!!

Franks told me that If I wanted any refund that would have
meet him in Burnaby BC, a 6hr drive from my location. Not much
of a solution, eh?

So,take this into consideration if you are thinking about making
a purchase from Frank.

de VE7-LFA/W7

6315. Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: THOMAS COSTA <tomcosta@mci.newscorp.com>
Message-ID: <4bvekn$ms6@merlin.delphi.com>
Source record: 208059

I've been thinking of getting a HF amp, and wondered if anyone has
any comments on the Ameritron 811 series?
Any info would be helpful.
Thanks,
Tom N9GMW

6316. tubes for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: tubes@i1.net
Message-ID: <4bvn9b$ikh@news1.i1.net>
Source record: 208060

I have many tubes for sale both new and used. Here are just a few:
6LQ6 new $25 ea
6146Wor
6146B new $25ea
6JB6 new $20
6HF5 new $15 ea
12BY7A new $10 ea
6GK6 new $6 ea
6KD6 new $25 ea
6JG6 new $22 ea
572B new $35 ea yes it's chinese, but these tubes work fine. Can't say that about all chinese tubes, though
811A new USA $35 ea
I have Bazillions more. Please e mail me at tubes@i1.net or call 314-770-0119 (mike)
NO 8950'S, OR M-2057'S IN STOCK
I make most major hamfests next one is South Bend IN on Jan 7
73,
Mike, WB0SND

6317. tubes for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: tubes@i1.net
Message-ID: <4bvnb0$ikh@news1.i1.net>
Source record: 208061

I have many tubes for sale both new and used. Here are just a few:
6LQ6 new $25 ea
6146Wor
6146B new $25ea
6JB6 new $20
6HF5 new $15 ea
12BY7A new $10 ea
6GK6 new $6 ea
6KD6 new $25 ea
6JG6 new $22 ea
572B new $35 ea yes it's chinese, but these tubes work fine. Can't say that about all chinese tubes, though
811A new USA $35 ea
I have Bazillions more. Please e mail me at tubes@i1.net or call 314-770-0119 (mike)
NO 8950'S, OR M-2057'S IN STOCK
I make most major hamfests next one is South Bend IN on Jan 7
73,
Mike, WB0SND

6318. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: jamest@netcom.com
Message-ID: <jamestDKBpsL.MC4@netcom.com>
Source record: 208062

Stephan Rashkin (stever@raven.cybercom.com) wrote:

: HI James,
: They sure do...If you send them deep please let me know so
: I can put on my diving gear! I'll take the sx101 off your hands :o)

: Steve, WA2nhz

Steve,

Maybe your smiley should have been

o
o
o
o
=O-)

SX-101

Later,

James KB6NYG

--
jamest@netcom.com

6319. Re: program info ft23-r

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: glau@ccmail.com
Message-ID: <DKBr0p.F1u@ccmail.com>
Source record: 208063

In article <4ati37$76a@news.tcd.net>
donb29@tcd.net (Don Breazile) writes:

> A friend of mine just bought a yaesu ft-23r and it did not come with a
> manual. he needs to know how to program the tones. if you can help with
> this info. please let me know.
> thanks and 73 Don

Don-- Your friend's FT-23R also needs the optional CTCSS tone board
installed. I forget what the model number is from Yaesu but you'll
know whether the board is in or not by pressing the "F" and then the
"T" button. If you don't see a tone frequency displayed, the board is
not installed.

Gary Lau
Internet: glau@ccmail.com
Amateur : N6MMM @ N0ARY.#NOCAL.CA.USA.NOAM

6320. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: romanr@bga.com
Message-ID: <4c03up$huo@giga.bga.com>
Source record: 208064
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

Just to add my 2 cents worth...

We live in Austin. I have bought 3 HTs from Austin Amateur Radio Supply as well as the usual fare of cables/coax/connectors/books. My experience has been that one of their staff members is friendly and the others are 'in business'.

My wife surprised me this Christmas with a *pair* of Cushcraft A270-10S beams. She bought them at AARS. She also told me that she never wants to go there or let me spend another dollar there again because no one was WILLING to help her make her selection in any way. She is not a ham, but she is not a dummy either (she has a Master's in Applied Math...)-She just didn't know enough to make an informed selection. She DID know that I wanted to work satellites on 2m and 70cm and that I wanted a pair of beams for circularly polarized signals.

It would seem good business to at least make suggestions or talk about the options available. They didn't even tell her which manufacturers or models would meet her stated needs. They told her that she would have to give them a part number before they could "help". She was in person in the store twice! They didn't even offer her a catalog to help.

These guys are in a business which 'feeds' on a hobby - pure and simple. An eager to assist - let's have fun - type of attitude would seem to be a good approach. Maybe they need competition closer than Oklahoma/Ohio/etc.

...for what it's worth...

73s and happy shopping
roman
Roman Robles KI5XZ
Austin, TX

6321. R-7100 mods for 800-900 MHz

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: romanr@bga.com
Message-ID: <4c0447$huo@giga.bga.com>
Source record: 208065

I would appreciate any help in finding out
which diodes need to be removed/added to
enable the ICOM R-7100 to receive the 800-900
MHz portion of the spectrum.

Thanks in advance
roman
Roman Robles KI5XZ
Austin, TX

6322. Re: Manual for ICOM IC-24AT Please!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: rgdong <rdong@eskimo.com>
Message-ID: <Pine.SUN.3.91.951228220554.25855D-100000@eskimo.com>
Source record: 208066
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Scott:

Can do. Have both the user's manual as well as the
factory service manual. Will count up the pages and
give you an estimate on the p/copy cost. RSVP if your
request is still outstanding.

Ray - N7VWG
Seattle, WA

On Mon, 25 Dec 1995, Scott Leaf wrote:

> I am in desperate need of the Manual for the ICOM Dual Band HT IC-24AT.
>
> A photocopy would be just great and I will reimburse for your time and expenses.
>
> Please reply via E-Mail
>
> --
> Scott Leaf VE7ZVZ CN89os
> ve7zvz@dowco.com
> Port Coquitlam, British Columbia, Canada
> Mountain DX Club VA7SM - "To boldy VHF where no ham has VHFed before"
>
>

6323. IC706 SWR METER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: fitr%mimi@magic.itg.ti.com
Message-ID: <4c0886$6is@tilde.csc.ti.com>
Source record: 208067

Hi,
Any Icom 706 owners out there care to comment on the internal SWR meter? I have the following questions that a copy of the manual were unable to answer:

1. What is the minimum power output to get an accurate VSWR reading?

2. By reducing the rig's power output, does the SWR meter "sensitivity" need to be readjusted internally or is the VSWR auto-computing?

Dont own one of those rigs, but was curious none the less. Could someone try running the rig, say at full output into a 2:1 SWR and then reduce power to 20 or 30 watts and confirm the SWR reading via the LCD meter is still 2:1? I've found that most internal SWR meters are "calibrated" based on full output power, and as forward power is reduced, the SWR meter accuracy declines rapidly. Since SWR is a simple ratio, the SWR meter reading (in theory) should not change regardless of power output.

Appreciate an email response -- current newsreader stinks. Thanks!

Joe
the

6324. Re: Kenwood TS-830S

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: Stan Griffiths <W7NI@teleport.com>
Message-ID: <4c0h5h$bq7@maureen.teleport.com>
Source record: 208068

I have been using a TS830S for years and I still have it. I consider it one of the best buys available. A great radio for the money. CW filters are optional and the best choice is two 500 Hz filters, one in each IF. Also, I have never seen this written anywhere, but the VFO120 External VFO that is usually sold with TS120 and TS130 rigs plugs right into the TS830S, is much smalller than the external VFO normally recommended for the TS830S, and much cheaper, too. I use one with my TS830S.

Stan W7NI@teleport.com

6325. Re: "Boatanchor" email exchange?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: Stan Griffiths <W7NI@teleport.com>
Message-ID: <4c0gk2$bq7@maureen.teleport.com>
Source record: 208069

```
To subscribe to the boatanchors list, send an email to:
listproc@theporch.com and put the work "subscribe" in the text.
```

6326. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: davros@daisy.cc.utexas.edu
Message-ID: <4c0cr7$rqj@daisy.cc.utexas.edu>
Source record: 208070
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

While I have only had one experience with the Austin store that was disagreeable (buying a FT530 a couple years ago, I got a "They came in the back door and went right out the front door...no, I don't know when we're getting more, but they're spoken for anyway"--very rude), I have met so many people who have had bad experiences that I'm inclined to believe it. Yes, one staffer is a really nice guy, and the other one?...well...doesn't seem to be.

By the by, there *is* competition closer: K-Comm in San Antonio is a really nice store; the atmosphere is very relaxed and friendly, the guys there are more than happy to help you with anything you might need help with, even if you're not buying today, thank you very much. You can ask questions on equipment, and you'll get straight answers--and if they don't know, they'll tell you that, too. Real nice guys there; definitely worth the drive.

--
Buddy Brannan, KB5ELV | PC-MATTIC
Voice: (512) 441-3246 | MAXIMUM Adaptive Technology
Internet: davros@eden.com | Training, Integration, and Consulting
davros@ccwf.cc.utexas.edu | Voice: (512) 441-3246

6327. Re: What rig did the downed Pilot in Bosnia use?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: ke3mf@atc.ameritel.net
Message-ID: <c1d7cb$b147.88@NEWS>
Source record: 208071

Most likely it was a PRC-90 (or a newer version), A small hand held carried by military flight crews. The PRC-90 xmitts on 243.000 MHz (the Guard or emergency frequency) and 282.800 MHz. It has MCW capibility and a morse code chart on the back cover. I believe it also has a beacon mode. It also had an ear phone that magneticlly disconnected the speaker. It was powered by a battery that was approx. the diameter of a "c" cell but was about 1 1/2 times in length. The battery dropped in and had a ring around it so it couldn't be installed backwards (Pilot proof? Hi!). They are water tight to 10 PSI (we would drop them in a water tank and pressureize them).

Don't quote me, but I think the power output was 5 watts... it may have had a low power mode but I'm not sure.

I used to work on them (and other stuff) when I was in the navy.

Hope it helps

de Glenn

P.S. It might have been water tight to 15 psi... it's been a while

6328. A radio you can sit on. AM reception in your ....!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: Ray Dennis <cbmbest@ix.netcom.com>
Message-ID: <4c1226$aus@ixnews8.ix.netcom.com>
Source record: 208072

I think I can top the AM in your teeth stories.

One of the strangest such stories I have ever heard involved local ham operator back in the days that many hams ran high powered AM. He had just put his kilowatt of AM on the air and got a call from his neighbor who reported that he was hearing the ham coming out of his toilet.

The neighbor finally convinced the ham to put his wife on the mike and he went over and sure enough, a distorted, but recognizable voice was coming out of the toilet.

They ended up pulling the stool and found a number of razer blades that someone had disposed of in the toilet.

I wonder what the neighbor would have thought if he would have heard the old ham expression "You're splattering old man?"

Ray W0DQ
Des Moines, IA

6329. Re: Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: ka9egw@aol.com
Message-ID: <4c0vvn$1ou@newsbf02.news.aol.com>
Source record: 208073

the 811H, with 4 811's in parallel, is not a bad amp from what I've heard. I know of one other amplifier that uses 4 811's in parallel...the Collins 30L1.

6330. W31A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: dbrewer@nr.infi.net
Message-ID: <4c0qtv$ptm@news.infi.net>
Source record: 208074

Does anyone have any feedback on an ICOM W31A? I was thinking about buying this dual band HT. I who be interested in any comments concerning this radio. Please e-mail me at dbrewer@nr.infi.net, and post to the group so everybody can review it for their information. Thanks, Daryl

6331. Icom 706 Review

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: randall@informix.com
Message-ID: <4c164f$g93@news.informix.com>
Source record: 208075
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc

ICOM IC-706 HF/VHF AMATEUR RADIO TRANSCEIVER
Product Review, Hints and Tips, and Modifications
As Of: December 28, 1995
by Randall Rhea, KG0HW

OVERALL IMPRESSION

"Too good to be true". This was my understandable reaction to Icom's announcement of the IC-706 amateur radio transceiver last summer. It looked like my dream mobile rig: very small size, detachable face plate, all HF bands, FSK, 6 meters with 100 watts ... AND 2 meters, all in one rig? It sounds too good to be true, but after using this radio in my car for about a month, I can tell you that this radio is real. Although the rig is not without its faults, Icom has produced an innovative masterpiece. The rig does just about everything as advertised. It is an easy-to-use radio that replaces several other radios that I was operating in my car.

Over the Christmas holidays, I took a couple of long car trips here in Texas. The 706 was installed under a car seat, leaving plenty of room for luggage and packages. (Do NOT block the top of the rig. Leave room for air circulation. The rig gets VERY hot when transmitting!) The face plate was installed just below the dash within easy sight when driving. I used headphones, so my wife and daughter could listen to CDs while I was working DX. The headphone plugged into the face plate. I used a 7-foot whip mounted on the trunk of the car tuned for the SSB portion of 6 meters, my favorite band. The radio was a pleasure to use, even while driving.

During a nice opening on 6 meters on the evening of December 27, I worked several new grid squares in the midwest and Arizona. I also worked North Dakota for the first time. I was able to work a station in Mexico City quite easily, despite the pileup. That 100 watts sure helps. (I previously used a 10-watt rig.) The sensitivity of the receiver, although not quite what the "pros" would want, was quite adequate. Noise from the car engine was only a minor problem; the noise blanker was effective for SSB.

During the trip I also listened to a football game on TV channel 2, listened to truckers' traffic reports on CB channel 19 (27.185 MHz), worked a couple of 10m stations during the sporadic E opening on December 27, worked a couple of 20m stations, listened to WWV on 2.5, 5, and 10 MHz, eavesdropped on some interesting baby monitors and cordless phones on 49 MHz, listened to NOAA weather forecasts on 162.55 MHz, monitored some aircraft traffic, and did some ragchewing

on 2-meter repeaters. Not bad for ONE radio!

PRICE

I paid $1249 for mine at Tucker Electronics in Dallas. They told me that they have sold about 200 of them in six weeks, making the IC-706 their best selling rig of all time. They are getting them from Icom in lots of 20 and are having trouble keeping them in stock.

Prices for accessories are pretty high. There is little profit margin in the box, so they make up for it with high accessory prices. The cable to allow for front-panel detachment is $48.

UNIQUE FEATURES AND INNOVATIONS

See

http://www.icomamerica.com/icom/amateur/hf/#IC-706

for a list of features.

* The smallest HF rig on the market (similar in size to the Kenwood TS-50)

* Detachable face plate with a jack for a speaker or headphone. The mic plugs into the face plate using a plug similar to a modular telephone plug. (A spare plug is included.) The cable to allow for this detachment costs extra.

* Full HF/VHF transmit coverage from 1.6 to 54 MHz and 144-148 MHz (the rig transmits only on the ham bands out of the box, but an easy modification unlocks the transmitter, see below)

* General coverage receive from 50 KHz to 163 MHz (requires modification, see below) Rig receives up to 200 MHz but with poor sensitivity above 162 MHz even with the modification. You will be able to receive: longwave, AM broadcast band, shortwave broadcast, all amateur bands in all modes from 160m to 2m, FM broadcast band (wide FM), aircraft (118-136 MHz AM), VHF from 30 MHz to about 162 MHz, US TV channels 2 through 6, NOAA weather at 162 MHZ.

* 6 meters and 2 meters, all-mode

* 100 watts on HF and 6 meters (10 watts on 2 meters)

* Innovative, easy-to-operate menu system. It becomes quite easy and natural to use after reading the well-written manual for about an hour. (In contrast to my Yaesu FT-470 HT, which I still cannot figure out.)

* The manual is very well written, with lots of easy-to-understand diagrams.

* Simple, but useful and configurable band scope. (Previously available only on very expensive rigs like the Icom 781.) This

allows you to examine nearby frequencies for activity.

* Split frequency operation appears complicated at first, but the rig's "quick split" mode makes it fast and easy.

* Built-in electronic keyer at no extra charge. The Up/Down buttons on the mic can be used as a paddle. This has rejuvenated by interest in CW. I worked a couple of slow CW stations on the novice portion of 80m, which made me remember how fun CW is.

* FSK (Nice feature for this price range)

* DTMF and programmable offset for repeaters and split frequency work

* Good audio reports from contacted stations. A station on 3.85 MHz reported "a very good signal for a mobile". A 2m FM station reported "very good audio ... so that's the 706 I've been hearing about."

* Works very well with the AH-3 antenna tuner. This is the Icom HF (1.8-30 MHz) random wire tuner that worked with the 725. The tuner is mounted under the trunk lid of my car with cable ties. It can also be mounted outdoors. It will tune any 8-foot whip or wire for any HF band. (You need 40 feet for it to tune to 160m.) You can press a button to enable the tuner, or the tuner can fire off automatically if your SWR is too high. With my 7-foot 6-meter whip, I can tune to any HF band above 3.5 MHz. That means I need only one simple antenna for HF and 6m.

* 100 memories that store frequency, split offset, mode, and FM tone.

* Two antenna connectors: one for HF/6m and one for 2m. The connectors are switched at 60 MHz.

* Jacks for remote speaker and/or headphones on both the face plate and the back of the rig.

* Multifunction meter: S meter, SWR, relative power output, ALC.

DRAWBACKS/FLAWS

* Extended VHF receive requires modification (see below).

* Poor sensitivity above 162 MHz.

* Noise blanker does not work on AM. Very irritating pulse noise on AM while the car's engine is on. The blanker works well on other modes (except FM, where it is not needed). Not good for listening to AM while driving. A rather serious flaw in my opinion, since my $40 CB has a noise blanker that works well.

* Poor QSK (full break-in) capability. Not recommended for high-speed CW operators who want QSK. Use semi-break-in instead.

* No CW narrow filter. You can install one as an extra-cost option or use an external CW filter or DSP unit.

* The built-in speaker provides surprisingly good audio for its size, but you will probably want to use an external speaker. The speaker can be connected to the face plate or to the rig itself.

* Automatic repeater offset is not programmed into the rig. You need to program -600 or +600 yourself through the menu system. This is not a problem if you store your favorite repeaters into one of the 100 memories.

* The S-meter is inaccurate below S9. Above S9, it is quite accurate.

* High prices for accessories (typical of just about all other vendors)

* The AH-3 antenna tuner is shipped with an unshielded cable, which picks up a lot of auto engine noise. You need to make your own shielded 4-wire cable. The AH-3 also blocks signals above 54 MHz. It also only works for HF, not for 6m or 2m.

* Expect performance and receiver sensitivity similar to other rigs in this price range. This is a low-end rig in terms of price. For price vs. performance, this is probably the best amateur radio of all time. However, it will not outperform your $4000 rig. You probably won't win contests with it. You will have a lot of fun and own a nearly ideal rig for mobile work.

HINTS AND TIPS

1) Take time to read the manual. The menu system will be bewildering unless you read the manual. One you get used to it, you will find the rig to be amazingly easy and fun to use.

2) You need to set the mode to wide FM to receive FM or TV broadcasts. Tune to the station, press the MODE key until the front display shows FM, then press and hold the MODE key for 2 seconds. WFM will appear in the display, and you will hear the station with nice audio.

3) Don't use the noise blanker on AM. It will not be effective and may distort your audio.

4) Don't use the QSK feature.

5) The rig gets very hot while transmitting. Keep the top of the radio clear to allow air circulation.

MODIFICATIONS

WARNING: Improperly performed modifications can severely damage your radio. I have performed these modifications successfully, but I offer no guarantee or warranty for them. Proceed at your own risk.

TOOLS NEEDED:

1) Small philips-head screwdriver 2) Tweezers 3) Magnifying glass 4) Low-wattage (15 watt) soldering iron 5) Long-nosed pliers

MODIFICATION 1: Enables out-of-band transmit for 1.6 MHz to 54 MHz. This does not enable extended VHF transmit; a modification for this may be available soon. This does not enable AM or FM broadcast band transmit. Your memories will be cleared after this modification, since you need to reset the CPU.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you. screws.

2) Gently pull up the speaker and set is aside without damaging the speaker or the wires that attach it to the rig.

3) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

4) Move your eyes up from this filter toward the back of the radio. Just before you get to the "D 108" marking, you will see two tiny diodes, two blank spaces, and one additional diode. They look something like this:

D108

[XX] [XX] [ ] [ ] [XX]

Remove this diode ^^^^

5) The second diode from the left needs to be removed. I did this by crushing it with long-nosed pliers. You can also heat it with a low-wattage soldering iron and pull it up with tweezers. Be sure not to damage the other diodes or the PCB. Be sure that you don't apply too much heat, since the heat can damage the PCB and the other diodes.

6) Re-assemble the radio. Reset the CPU by pressing and holding down the UP and DOWN buttons on the front panel and pressing POWER.

MODIFICATION 2: Enables more sensitive transmit above the 2 meter band. (148 to about 162 MHz; after that, sensitivity drops off.) Keeps sensitivity for the FM broadcast band.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you.

2) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

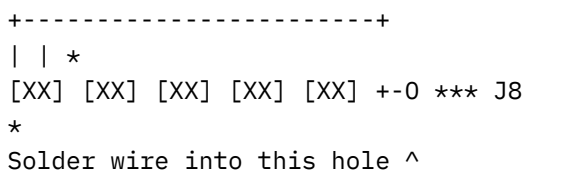
3) Move your eyes up from this filter toward the back of the radio. Follow the ribbon cable up. Notice a wide white connector with several colored wires in it on the back of the PCB.

4) The fourth wire from the left is a yellow wire. Cut this wire. Rather than cutting it, you can remove the connector, stick a paper clip in the side of the connector under the wire, push it in, and pull the wire out. Be careful not to remove the other yellow wire.

5) Re-insert the connector back to its original place on the PCB.

6) Open the bottom of the radio. You will again need to remove 5 screws.

7) Look at the radio with the front panel facing you. Note 5 tiny transistors behind the MENU button. Follow the trace from the middle transistor to a hole just to the left of jack J8.



8) Solder a small wire into this hole. Be careful not to apply too much heat; use a low-wattage soldering iron. Be careful not to damage the PCB or the grey cable coming out of J8. Use a magnifying glass.

9) Run the other end of the wire you just soldered to the front of the radio and attach it to the yellow wire you just cut.

10) Re-assemble the radio.

- END OF DOCUMENT -

6332. mfj-422 opinions?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: morel@shani.NET
Message-ID: <9512290507.AA20732@shani.net>
Source record: 208076

Hi, fellows !

I intend to buy a mfj-422 voice keyer. Please let me know what's your
opinion if you're using one.
Any RFI problems ?

73 and happy new year
Morel, 4X1AD

6333. Any one out there own an ADI AT-200 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: tlierman@earth.execpc.com
Message-ID: <4c1ejn$f0g@daily-planet.execpc.com>
Source record: 208077

Did you get the frequency expansion mod to work???
Any help would be appreciated, thanks!

KB9MCT

6334. TX mod for Kenwood TH22AT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: bosak@sequent.com
Message-ID: <1995Dec29.175607.7463@sequent.com>
Source record: 208078

Hello out there,
I am looking for Tx mod for a Kenwood TH22AT, 2 meter handheld
to have the capability to broadcast outside of 144-148MHz
FOR EMERGENCY PURPOSES ONLY.

Help and or pointers greatly appreciated.

Thanks in advance.

bosak@sequent.com

6335. Re: ICOM 706 Mic/ALC problem?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: Thomas AA9IS <tbrock@execpc.com>
Message-ID: <4c1bfr$d9o@daily-planet.execpc.com>
Source record: 208079

spbellamy@aol.com (SPBellamy) wrote:
>I got an ICOM 706 radio for Christmas, but have received reports of low
>audio. Using the instruction manual directions, I tried to set mic. gain
>using the ALC meter function. I was unable to get a reading. I then
>screamed into the mic. with the gain set at 10 and just got the bottom LCD
>element on the ALC meter to light. Needless to say this makes it
>difficult to even think about setting levels in the compression mode.
>I took the unit back to the store and got the old story of, "you're the
>only one complaining of this problem." I did get the local tech. to check
>other new units in the store and they had the same problem. Anybody else
>unable to get a decent ALC reading out there?
>By the way--I was asked if I had the radio hooked up to a good power
>supply and was I using the stock ICOM microphone. The answer is yes to
>both.
>AA8MX

My IC 706 behaves the same way with the stock mike. If I turn on
the speech compressor, I can get ALC indication. There is also
the comp. setting pot on the side of the radio that you can
adjust. With my SM-8 Icom mike, which has a pre-amp, the radio
works fine. The stock mike has no pre-amp, that I am aware of.
I think the mike is some type of noise cancelling mike for mobile
use.
It seems to work fine with the comp. on, so you may have to leave
it on all the time.
Another thing I found, is to set the carrier point (menu
accessable) at around -130 or so. It makes for much richer
sounding audio, although it won't do anything for your ALC.
All in all, I am extreamly happy with my 706.

AA9IS

6336. Re: Ham God born

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: dnorris@k7no.com
Message-ID: <4c1acc$do1@ssi.syspac.com>
Source record: 208080
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.packet

Burt Fisher <k1oik@ccsnet.com> wrote:

[snip]

MAC is 5% of the market |
>#===#

That may be true, but is it the top 5% or the bottom 5%? Inquiring
minds want to know.

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

6337. Have you had a bad 2 mtr power module - Toshiba S-AV24 ?? (In Yaesu FT-5200)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: Charlie <charlie@pcix.com>
Message-ID: <4c1c8r$nsf@alpha.pcix.com>
Source record: 208081

I have a Yaesu FT-5200 that uses this module in the 2 meter
final. The module is now defective after about 2 years of use,
but what got my attention was that I saw another ham selling
the same rig with the same problem about two weeks ago.
It's a pretty expensive component - almost $100 at RF parts.
I'm inclined to take issue with Yaesu over this defect,
especially if it's widespread. Comments??

73, de Charlie, KS1C

6338. Re: Mini Products HQ-1 Mini-Quad

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: tmeudt@liberty.com
Message-ID: <237.6571T591T1320@liberty.com>
Source record: 208082

>Hi Im looking for parts pices or whole units I can be reached at
>504-8937227 or WA8ULX&AOL.COM 73 Bruce
I have one that is complete for sale make me an offer to include shipping
I'm good in the callbook KA6EYU

tmeudt@liberty.com

6339. DX70 and auto antenna tuner?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: Paul Moller <Paul_Moller@csg.mot.com>
Message-ID: <30E43CCD.38FE@csg.mot.com>
Source record: 208083

I have an Alinco DX70 (and like it very much thank you) and am wondering about incorporating it with an automatic antenna tuner such as the one described in Dec. QST construction article. I see there is an antenna tuner connector on the DX70, but no documentation as to how to use it. Does anybody know what the pin out is and how the controlls to an automatic tuner normally work?

Paul_Moller@csg.mot.com

6340. SP-102P manual needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: maplejay@zeus.ia.net
Message-ID: <4c1cv3$n2b@hera.ia.net>
Source record: 208084

Can anyone help me get a copy of a Yaesu SP-102P speaker/patch manual?

If so, please reply to: maplejay@ia.net

73's de Jay WD9X

6341. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4c1ih6$8db@usenet.continental.com>
Source record: 208085

If you have a fax number, I'll send you the schematic of an interface I recently designed for somebody on CompuServe. It uses a singe op-amp. available from radio shack, along with a few other external components. I also deigned another using a single JFET transistor. I can include that as well.

-Paul, N9AZ

6342. Re: W31A

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: mead@dg.com
Message-ID: <4c1e2f$lhm@dg-rtp.dg.com>
Source record: 208086

In article <4c0qtv$ptm@news.infi.net>, dbrewer@nr.infi.net (Daryl Brewer) writes:
|> Does anyone have any feedback on an ICOM W31A? I was thinking about buying
|> this dual band HT. I who be interested in any comments concerning this radio.
|> Please e-mail me at dbrewer@nr.infi.net, and post to the group so everybody can
|> review it for their information. Thanks, Daryl
|>

I have 2 of them and REALLY like them.

* Excellent transmit audio
* Small
* Light
* Backlit keypad and display
* Easy to program
* Used for packet with no problems
* Larger display (for a small ht) that is easy to read
* [#] [B] while turning on opens up receive to something
like 108 to 799
* Weather channels are built in, so you don't need to
use up memory channels for the weather channels.
* Battery gauge is useful for checking batttery level,
especially if checked during transmit.
* Extra low power (15 milliwatts) helps save batteries
when you don't need extra power. I was surprised how
often I could use the extra-low power setting.
* Memories can be labeled with text.
* encode/decode/page
* shipped with a pretty decent antenna, you don't need to
run out and replace it with something that works.
* Decent audio for a small ht. In a loud car or truck you
might want to add an external speaker or use the adapter
RS sells to use the cassette player in your car.
* Good scanning options, including the ability to save 3
scan ranges.
* Backlight can be turned on perminantly (nice when using
a power supply other than the battery).

6343. Re: Do DSP's really help?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: Randall Rhea <randall>
Message-ID: <4c1l4m$h84@news.informix.com>
Source record: 208087
Cross-posted to: rec.radio.shortwave,alt.radio.pirate,rec.radio.amateur.equipment

John Fallows <fallowsj@cadvision.com> wrote:
>thor@dodo.crown.net (Lincoln Thormahlen) wrote:
>>Has anyone tried any of the DSP audio filters?
>>Which one(Radio Shack, JPS, MJF, others)?
>>I am mainly interested in voice (AM, SSB) notch filtering and noise
>>reduction.
>

I have used the Radio Shack DSP unit. Its main advantages are low price
(on sale now at $49.00) and ease of use.

It works well as a narrow filter for CW and a heterodyne (squeal)
reducer for SSB. For AM, it can reduce heterodyne noise, which is
especially helpful for CB. It does not reduce other noise (e.g.
car engine pulse noise) and can reduce the quality of the AM signal.
The processor is a bit slow.

--

=-=
Randall Rhea Systems Engineer
Informix Software randall@informix.com

6344. Re: Antenna recomendation needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: Randall Rhea <randall>
Message-ID: <4c1lab$h84@news.informix.com>
Source record: 208088
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.shortwave

```
mi@aldan.star89.galstar.com (Mikhail Teterin) wrote:
>Some time ago, I asked here for suggestions on how ot get European
>(Eastern European) stations in USA (Boston). Quite a few people
>tried to help, with directions on how to make an antenna for my
>Sony ICF-SW7600G (FM stereo/SW/MW/LW, PLL synthesized world band
>receiver). As time shows, I can not follow their recomendations
>myself ): I am not a radio specialist personally. So, I guess, I'll
>need to buy an antenna and enjoy fruits like warranty and technical
>support (: Here I am with the <subject>... Thank you very much!

The cheapest and easiest way is to buy any kind of insulated wire (the
cheap stuff will work fine) and string it around the room or on the roof.
Strip one end of its insulation so only the copper wire shows, then attach this
end to the antenna of the radio, and you will get greatly improved
shortwave reception.

Another option is to buy an active antenna. This is a small box with a
telescoping whip and some sort of tuner box. You can get one at Radio Shack
or one of many stores that sell shortwave radios.
--

=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
Randall Rhea Systems Engineer
Informix Software randall@informix.com
```

6345. Variable Speed Motor Control Circuit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: feustel@netcom.com
Message-ID: <feustelDKDAAH.I2K@netcom.com>
Source record: 208089
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

[Article crossposted from comp.arch.embedded,rec.radio.amateur.misc]
[Author was David Feustel]
[Posted on Fri, 29 Dec 1995 20:45:26 GMT]

I'm looking for an add-on circuit to vary the speed of cassette recorder motors. I want to be able to vary the speed from 2*x to x/8 where x is the normal cassette motor speed. All suggestions & solutions appreciated.
--
feustel@netcom.com *** Web Page Access now FIXED ***
Dave Feustel N9MYI For PGP Public Key, finger feustel@netcom.com
Fort Wayne, IN Or else access http://www.mixi.net/~feustel/
219-483-1857
--
feustel@netcom.com *** Web Page Access now FIXED ***
Dave Feustel N9MYI For PGP Public Key, finger feustel@netcom.com
Fort Wayne, IN Or else access http://www.mixi.net/~feustel/
219-483-1857

6346. HAM Radio for Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: andyw@athenet.net
Message-ID: <4c1pt0$cd6@hermes.athenet.net>
Source record: 208090

For sale:

Alinco DR-130 2m mobile radio. 50watt max
6Mos old, asking $250 obo

Email: andyw@athenet.net

6347. Using HP8690 with HP8410 Network Analyzer ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: nx7u@primenet.com
Message-ID: <4c1moh$a1d@nntp3.news.primenet.com>
Source record: 208091
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

The HP8410 Network Analyzer documentation specifically mentions the HP8620C as the sweeper of choice, even coming from the factory (at the time) with a control interconnect cable for the '8620.

Does anyone have any insight on if and/or how an HP8690 can be used as the sweeper in an HP8410 system??

Thanks in Advance,

Scott Townley
nx7u@primenet.com

6348. Re: IC-706 RF interference

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: n4lq@iglou2.iglou.com
Message-ID: <DKDAo0.K75@iglou.com>
Source record: 208092

No problems like that with mine either. Its extreemely clean.

ga19989@evax01.d51.lilly.com wrote:
: In article <4b6k1l$gsa@newsstand.cit.cornell.edu>, Bill Schaff
<schaff@iiiv.tn.cornell.edu> writes:
: > I just replaced a FT101 with a IC706 and have become public enemy number
: > 1. The 706 is wiping out cable TV, telephone, AM/FM radio, and most
: > unforgivably, my son's Nintendo. Operation with the FT101 produced mild
: > telephone interference only. Has anyone else seen such severe
: > interference relateed to the 706 on 40-10 meters?

: Have had an IC-706 for just a week, but no visible RFI on the PC terminal
: sitting right next to it (1 inch away) with antenna Coax running within 18
: inches of PC stack.... a little rippling when on 80 meters, but same effect for
: Kenwood running at exact same frequencies

: Also, no visible TVI on 1974 Panasonic TV sitting six feet away.... not even
: that good from the Kenwood 940 also in the shack... there's a little stray RF
: from the 940, but not a problem 30 feet away

: My guess is that something that was right (coax, ground, maybe power supply)
: got messed up when you installed the 706.

: Having fun with the 706... hope you find your gremlin

: Mel KJ9C
--
Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

6349. ANY HAM SHOPS IN LAS VEGAS????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: ericw@iaehv.nl
Message-ID: <4c1ud7$2k1@iaehv.IAEhv.nl>
Source record: 208093

HI!

A friend of mine will visit Vegas next week. Can anyone give me some
info on a hamradio shop out there??
If you know there is NO shop, plaese tell me also, so my friend won't
bother searching the yellow pages.

73 de Eric PA3CEV
email to:
ericw@iaehv.nl
\ Eric-Jan Wosten DDS
\ Best, Holland
==========

Internet: ericw@iaehv.nl
AMPRnet: pa3cev@pa3cev.ampr.org
AX25:pa3cev@pi8zaa.#bra.nld.eu

6350. Icom IC-W21AT Comments?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: kcc007@aol.com
Message-ID: <4c224r$dmp@newsbf02.news.aol.com>
Source record: 208094

I just picked up a Icom IC-W21AT and would like to hear from others who have used this radio. What did you think of it? Hows the receive, etc. Please drop me some E-mail at:

kcc007@aol.com

Thanks in advance!

DE N8LNN

Keith C. Collins

6351. Re: Using HP8690 with HP8410 Network Analyzer ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: Christopher Trask <ctrask@primenet.com>
Message-ID: <4c22uj$mfg@nntp3.news.primenet.com>
Source record: 208095
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

Scott Townley <nx7u@primenet.com> wrote:
: The HP8410 Network Analyzer documentation specifically mentions the HP8620C as
: the sweeper of choice, even coming from the factory (at the time) with a
: control interconnect cable for the '8620.

: Does anyone have any insight on if and/or how an HP8690 can be used as the
: sweeper in an HP8410 system??

: Thanks in Advance,

: Scott Townley
: nx7u@primenet.com

Scott,
Sounds like you finally got that 8410 that you were looking for
earlier this year. Yes, you can use the 8690 as a source. According to
HP App Note 117-1, the only requirements for the sweep oscillator for the
8410 are:

1. RF Output - -15dBm to -6dBm.

2. Spurious signals should be at least -20dBc from the
carrier.

3. Sweep Characteristics: Uniform sweep rate that is variable
from 15 to 150 MHz/mSec. In addition, it is important that
there be at least a 3 mSec pause at the start frequency
prior to each sweep to allow the 8410 to attain initial
lock.

4. Phase Lock: To improve phase-lock operation at high sweep
rates the oscillator should furnish a voltage proportional
to its output frequency.

I've got a whold bunch of literature on this monster if you're ever
in need. Still owe you for the Ham Radio photocopies.

--
Regards,

Chris

Chris Trask / N7ZWY Circuit Design for the RF Impaired
ATG Design Services __ __ ____ ___ ___ ____
ctrask@primenet.com _~_ /__)/__) / / / / /_ /\ / /_ /
(@ @) / / \ / / / / /__ / \/ /___ /

----------oo0~(_)~0oo----------

6352. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: jayb@aol.com
Message-ID: <4c2eeh$hrl@newsbf02.news.aol.com>
Source record: 208096

boatanchors are typically kenmores (or is it kenwood?)

jay

6353. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: josephwp@aol.com
Message-ID: <4c2euc$i1d@newsbf02.news.aol.com>
Source record: 208097

The term 'boatanchor' covers a variety of amateur radios and communications receivers from the vacuum tube era. Certainly would include the SX-101 and HP-608.

I would also include in the category much of the very early solid state communications / ham receivers such as the Davco DR-30 and Hammarlund HQ-215 (both of which are in my 'boatanchor' gear). I would also include sets such as the SBE-33, -34 - mixed solid state / tube technology.

73
Joseph Pinner +
Lafayette, LA
KC5IJD
EMail: kc5ijd@aol.com

6354. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <4c2eo1$191s@lamar.ColoState.EDU>
Source record: 208098

charles copeland (charles1@netcom.com) wrote:
: I have a TS820 that requires a high impedance mic (50K).
: I bought it with a Electro Voice 607 LO-Z microphone.
: The EV607 impedance is unknown other than "LO-Z" stamped
: on microphone.
: Does anybody know of a way to adapt LO to HI impedance
: microphone? Audio transformer?

Does it work without a transformer? I used a Shure SM-58 (150 ohms)
with my TS-820 and I just wired it direct with no problems.
galen, KF0YJ

6355. Need Advice on Kenwood T599D Transmitter

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: blanton@ni.net
Message-ID: <blanton-2912952328040001@xband.ni.net>
Source record: 208099

I�m becoming an active amateur again after a long dormancy and am looking to set up a basic HF station. I have a good receiver so I�m shopping for a used transmitter or transceiver to get on the air. My basic preferences are that it cost roughly $200 or less, cover 80-10 meters and be all or mostly solid state.

One of my candidates is the Kenwood T599D transmitter from the mid-1970s, which is solid state except for 3 tubes (presumably the driver and finals). Has anyone had any experience with this unit (good or bad)?

Other candidates are the Heath SB-104 and Atlas 210 transceivers. I know that the Atlas 210 is VSWR-sensitive but can sometimes be acquired �real cheap� (maybe the reason?). I�d appreciate any comments or advice, either via e-mail or this newsgroup. Thanks in advance.

Regards,

Lee, WA8YBT/6
blanton@ni.net

6356. MFJ DSP FILTER

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: Adi Doron <adi4z4vg@netvision.net.il>
Message-ID: <4c1a7o$gcp@news.netvision.net.il>
Source record: 208100

WHERE IS ALL THE USERS OF MFJ FILTERS, LET YOUR VOICE BE HEARD

73'S ADI 4Z4VG

6357. Re: Help with Icom 720A on Amtor A.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: David Johnson <david.j2@ukonline.co.uk>
Message-ID: <7h4TpLAmC04wEw86@ukonline.co.uk>
Source record: 208101
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <4bshcn$mvb@midland.co.nz>, UGH <UGH@UGH.UGH> writes
>>ZL1ANY/TPK 1.82 Msg #:259 Date:19-11-95 Time:11:08Z
>>
>>
>> Trying to use icom 720a on amtor mode a.
The IC720a needs a few mods in order to work on amtor.

The following is from the ICOM newsletter 35 of June 83, article by Roy Philpott DJ0OW, G3VCH.

Quote: All mods are to the main board, easily accessible on the top of the set. The modification consists of replacing C42 and C43 with 1uF. Also replacing C40 (1uF) with 0.47uF. This effectivly shortens the T-R switching, also it is necessary to remove the AF amp mute by placing a shorting link across C69 (there will be audio present on normal operation, but it doesn't cause a problem).

I did this mod when I had an IC720a and it worked fine with an AMT-1 terminal on "SSB" mode.
--
David Johnson

6358. Wanted! Cubic, Swan, Atlas, and kin. Dead or Alive. Mosley, Geloso too.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-29 00:00:00 UTC
From: gp310ad@prism.gatech.edu
Message-ID: <4c1eo2$3rk@acmex.gatech.edu>
Source record: 208102
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.misc

I like to play with and refurb older synthesized radios.

I am looking for ICIR, Cubic, Atlas, Swan (MX), Signal One, and any other
older synthesized solid state or hybrid radios and the accessories sold
with them. I'm also looking for any literature or photocopies.
I'm not a 'collector' so the stuff needn't be pretty. I prefer dead as
I like working on em and I can more easily afford dead :-)

I'll trade $, computer parts, other radio stuff, radio repair (on the
ones I like).

I am also looking for a Mosley CM-1 receiver (tube radio)
and anything by Geloso or American Geloso (all I know of theres is tube
but if you know more, talk to me :-)

-bob
WB4MNF
40m CW
.

--
Bob Duckworth WB4MNF 960 Ralph McGill Blvd. Atlanta GA 30306-4447 404-888-0389
Internet: gp310ad@prism.gatech.edu -or- rmd@ka4ybr.atlanta.com fax(404-892-2301)
If there is difficulty in getting mail to my gp310ad address try the rmd address

6359. Re: Using HP8690 with HP8410 Network Analyzer ???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: acj@ultranet.com
Message-ID: <acj-2912952050500001@amber1.ultranet.com>
Source record: 208005
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

In article <4c1moh$a1d@nntp3.news.primenet.com>, nx7u@primenet.com (Scott Townley) wrote:

> The HP8410 Network Analyzer documentation specifically mentions the HP8620C as
> the sweeper of choice, even coming from the factory (at the time) with a
> control interconnect cable for the '8620.
>
> Does anyone have any insight on if and/or how an HP8690 can be used as the
> sweeper in an HP8410 system??
>

Scott,

My 8410 manual is apparently older than yours, and has instruction for using the 8690. I recently aquired the latter, but haven't had a chance to fool with them yet. If you send me your address, I'll copy the relevant manual pages pages and send them to you. I could also fax them if you would prefer.

Cheers,

Jon

6360. Re: ANY HAM SHOPS IN LAS VEGAS????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: jastorm@ix.netcom.com
Message-ID: <4c24qf$h89@ixnews3.ix.netcom.com>
Source record: 208006

ericw@iaehv.nl (Eric-Jan W�sten) wrote:

>HI!

>A friend of mine will visit Vegas next week. Can anyone give me some
>info on a hamradio shop out there??
>If you know there is NO shop, plaese tell me also, so my friend won't
>bother searching the yellow pages.

>73 de Eric PA3CEV
>email to:
>ericw@iaehv.nl
>\ Eric-Jan Wosten DDS
> \ Best, Holland
> ========================
>
>Internet: ericw@iaehv.nl
>AMPRnet: pa3cev@pa3cev.ampr.org
>AX25:pa3cev@pi8zaa.#bra.nld.eu

How about Amateur Electronic Supply
1072 N. Rancho Drive
702-647-3114

73, Jim WB6LWS

6361. Re: Help RS HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: cosmo@spyder.net
Message-ID: <4c26ns$okl@ns2.spyder.net>
Source record: 208007

Try www.tandy.com they have online manuals and parts list.Also exploded views.

6362. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: jabrams@hoflink.com
Message-ID: <Pine.BSD/.3.91.951230001346.741F-100000@hoflink.com>
Source record: 208008

On Tue, 26 Dec 1995, charles copeland wrote:

> I have a TS820 that requires a high impedance mic (50K).
> I bought it with a Electro Voice 607 LO-Z microphone.
> The EV607 impedance is unknown other than "LO-Z" stamped
> on microphone.
>
> Does anybody know of a way to adapt LO to HI impedance
> microphone? Audio transformer?
>
> Any details would be helpful.
>
> 73 KC5LWF
>

Radio Shack sells adapters (1/4 male High imp to female XLR - low
imp. for about $13.00 They have a reverse model also (low in (male XLR)
to either female 1/4 inch or that screw on connector with the center pin.
Jerry WB2ZEX

6363. KENWOOD R-5000 4-Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: michael.zero@channel1.com
Message-ID: <40.16752.2424@channel1.com>
Source record: 208009

for sale like new kenwood R-5000 receiver hardly used. less than 50 hours use. must go paid $1 grand new, sac for $600 or best reasonable offer. looking to buy a house so everything must go..have all sorts of test and ham equipment available..contact me at

michael.zero@channel1.com thanks, joe N1WIK

6364. MRF-240 & MRF-240A Transistors

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: randyk@emf.net
Message-ID: <4c2jms$l2t@emf.emf.net>
Source record: 208010

[Article crossposted from rec.radio.amateur.misc]
[Author was Randy Kielich]
[Posted on 30 Dec 1995 05:38:34 GMT]

Our repeater has blowin it's finals. We desperately need these transistors for our finals.

No one seems to have them at Motorola etc. Anyone have some or a 'solid' lead on where to find these?

Many thanks;

_Randy Kielich N6WDV

6365. Yaesu FT-8500 mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: gottria@aol.com
Message-ID: <4c2m0l$ke2@newsbf02.news.aol.com>
Source record: 208011

Does anyone have the mod for extended Tx on the FT-8500. I thought there was a green wire to cut.

6366. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4c3ckc$nsp@usenet.continental.com>
Source record: 208012

>I used a Shure SM-58 (150 ohms) with my TS-820 and I just wired it >direct with no problems.

There shouldn't be. A 150 ohm source impedance microphone can be used with either a low or high-Z input stage. The high-Z input stage circuits "bridge" the low source impedance of the microphone.

-Paul, N9AZ

6367. Re: FT-900 & FT-900ATs ARE LEMONS

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4c3d9q$nsp@usenet.continental.com>
Source record: 208013

>Just think, I had an ICOM IC-706 new in the box and I sent it back to >AES in exchange for the FT-900AT. El Stupido mi! Pass the lemon juice >please.

If you hadn't made the exchange, the content of your letter would still be the same, only you would be describing problems with the ICOM 706.

Unfortunately, compromises must be made with these small radios and everybody wants FT-1000-class radios with all the features in a small package.

Aside from the RF gain control, what other problems did you have. Prior to making the exchange, didn't you ask someone, check out a product review, or look at the front panel in a product literature pack?

-Paul, N9AZ

6368. Re: MRF-240 & MRF-240A Transistors

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <4c3iio$3j2g@lamar.ColoState.EDU>
Source record: 208014

Randy Kielich (randyk@emf.net) wrote:
: Our repeater has blowin it's finals. We desperately need these
: transistors for our finals.
: No one seems to have them at Motorola etc. Anyone have some or a
: 'solid' lead on where to find these?
: Many thanks;
: _Randy Kielich N6WDV

Wellllll, there's an NTE replacement for MRF-240's, I used one in my Ramsey 2m amp kit. It comes in the four winged stud package.

The NTE 345.

Galen, KF0YJ

6369. TH-79A(D) info needed

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: jmleveron@socketis.net
Message-ID: <4c412b$a7a@news.socketis.net>
Source record: 208015

Hi,

Does anyone have any info or a FAQ on the Kenwood TH-79A(D)
handheld? I've got one en route, but no info here (yet).
Any pointers to sites with any Mods or FAQs, replies in this
newsgroup, or email would be most appreciated!

73 de John.

6370. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: kr4ah@bga.com
Message-ID: <4c2r06$i6m@giga.bga.com>
Source record: 208016

Joseph Pinner (josephwp@aol.com) wrote:
> The term 'boatanchor' covers a variety of amateur radios and
> communications receivers from the vacuum tube era. Certainly would include
> the SX-101 and HP-608.

> I would also include in the category much of the very early solid state
> communications / ham receivers such as the Davco DR-30 and Hammarlund
> HQ-215 (both of which are in my 'boatanchor' gear). I would also include
> sets such as the SBE-33, -34 - mixed solid state / tube technology.

Living language is an evolving thing, but I would be hard pressed to use the term "boat anchor" for early solid state rigs. I do think that they are nice collectables and make excellent restoration projects, but I would balk at the term boat anchor. But then I'm an old geiser, so what do I know?

BTW, I have a Sears optically tuned 2-Meter FM tranciever that I still use occasionally as a spare rig. I only wish I hadn't drilled holes in the case to mount it when I first got it though.

Last year at the Georgetown, TX swapfest there was a yellow pickup truck with a sign that read "Boat Anchors; Make Ofer." When I walked over there, I saw that he had a bunch of small anchors that he had collected while diving the previous summer. I thought it was just a little humor, but the guy sold them out and was using the cash to buy ham gear.

--
John Meaker -=- kr4ah

6371. FS: Complete Packet Radio Station

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: hesenyan@ix.netcom.com
Message-ID: <4c2mp8$eap@cloner3.netcom.com>
Source record: 208017

73 from N2YRW

I have the following computer system available for sale; it is
particularly suitable for Packet Radio, phone BBS / Internet access,
and overall personal computing needs.

Computer hardware:
==========
Home built 486 computer with hand picked components:
- Mini-tower type case with 200 Watt power supply,
- Micronics motherboard with Intel 80486-DX processor @ 33 MHz,
64 KB processor cache, 7 ISA slots, 8 x 30 pin memory sockets,
- 4 MB system memory (4 x 1MB - 30 pin - SIMMS with parity),
- 200 MB hard disk drive,
- 5-1/4" floppy disk drive,
- Single speed CD-ROM drive (caddyless)
- Hard disk, floppy disk, CD-ROM drive controller,
- 2 serial (RS232C) and 1 parallel (Centronics) ports,
- 14.4 Kbps data modem with 9.6 Kbps fax capability,
- Accelerated VGA controller with 1 MB video memory,
- 14" monochrome VGA monitor (paper white, razor sharp)
- Creative Lab's Sound Blaster - 8 bit sound card,
- 4 Watt capable desktop speakers,
- Keyboard,
- Genuine Microsoft serial mouse,

System and user softwares:
==========
- Microsoft DOS 6
- Microsoft Windows 3.1
- Microsoft Word 2.0 - word processor,
- Microsoft Excel 4.0 - spread sheet,
- Fax and communication software for Windows,
(All softwares come with original disks and manuals)

Packet Radio Hardware/Software/Litterature
==========
- Tigertronics Inc's BayPac Packet Modem (Model BP-1) 1200 baud,
- Connection cable for Kenwood TH-78A,
- Original BayPac software,
- "Your Packet Companion", 170 page introduction book to
packet radio.

Everything is in mint condition with extensive documentation.

Complete package for $895 + shipping
Call 718-544-7547 or email to:
hesenyan@ix.netcom.com

Happy Holidays and Best Wishes for 1996

6372. Re: Ham God born

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: ka9egw@aol.com
Message-ID: <4c2opp$lta@newsbf02.news.aol.com>
Source record: 208018
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.packet

I'd rather see my sister in a whorehouse than my brother on a Mac...

6373. Opening Moto Radius HTs??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: galen@lamar.ColoState.EDU
Message-ID: <4c3iqd$kms@lamar.ColoState.EDU>
Source record: 208019
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

Hi, I have a VHF and two UHF Radius HTs that I'd like to get in to and maybe change freqs. I've tried the two little clips in the top of the battery compartment with no success. Any suggestions?

Galen, KFoYJ

6374. ** WINDOWS'95 CD UPGRADE $50 **

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: HWDX09A@prodigy.com
Message-ID: <4c3ji5$1fms@usenetp1.news.prodigy.com>
Source record: 208020

WINDOWS'95 UPGRADE CD AND MANUAL
==========

My Cardiologist office has merged his 3 offices with 2 others and has purchased all new computers and upgraded software for all the offices. His software provider will not guanrantee the perfomance under Windows'95 so he is not upgrading past Windows 3.1

He has given me all the upgrade packages that were sent to him after his purchase. Obviously I can only use 1 package.

I have for sale the extra Windows'95 Upgrade Kits. These are CD-ROM Upgrade kits. They are sealed Microsoft Upgrade kits with the Microsoft Certificate of Authenticity, holographic security label, etc.

The price is $ 50.00 including shipping.

Contact Bob Reed, WB2DIN, at (908) 363-2724 any time until 2300EST daily.

-
ROBERT REED, WB2DIN HWDX09A@prodigy.com
538 Brewers Bridge Road
Jackson, New Jersey 08527 PACKET WB2DIN@WT3V

6375. Re: What's a "Boatanchor"?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4c3mhu$9tc@brickbat.mindspring.com>
Source record: 208021

In article <4c2eeh$hrl@newsbf02.news.aol.com>, jayb@aol.com says...
>
>boatanchors are typically kenmores (or is it kenwood?)
>
>jay

I'd say that yaesu radios are more of a boatanchor than Kenwoods.
Remember the FT101E.....

6376. Re: MRF-240 & MRF-240A Transistors

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: wave@mindspring.com
Message-ID: <4c3mlb$9tc@brickbat.mindspring.com>
Source record: 208022

In article <4c2jms$l2t@emf.emf.net>, randyk@emf.net says...
=
=[Article crossposted from rec.radio.amateur.misc]
=[Author was Randy Kielich]
=[Posted on 30 Dec 1995 05:38:34 GMT]
=
= Our repeater has blowin it's finals. We desperately need these
=transistors for our finals.
=
= No one seems to have them at Motorola etc. Anyone have some or a
='solid' lead on where to find these?
=
= Many thanks;
=
= _Randy Kielich N6WDV
=
=

Try RF-Parts. I ordered one of these a few month ago. The number is
1-800-RF-PARTS

6377. Remote mounting dual band mobiles

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: ken@marconi.w8upd.uakron.edu
Message-ID: <4c3p73$1n0@kira.cc.uakron.edu>
Source record: 208023

I am contemplating the purchase of a dual band mobile rig, but I can't decide which model I want. I would ideally like to be able to separate the microphone connector from the control head when I remote mount it.

Although I know the Kenwood 732 and 733 rigs will do this, I can't tell from the photos or other specs whether the alinco radios or yaesus will allow mounting the mic connection somewhere other than on the control head.

Anyone have any suggestions?

Regards,

Ken Teleis, KZ3E/8
E-mail: teleis@uakron.edu
Amprnet: kz3e@w8upd.ampr.org
Packet: kz3e@w8upd.#neoh.oh.usa.noam
Voice: 216-376-2600 Fax: 216-376-8453

6378. Re: Opening Moto Radius HTs??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: peterg4@ibm.net
Message-ID: <4c3s2u$u0k@news-s01.ny.us.ibm.net>
Source record: 208024
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

In <4c3iqd$kms@lamar.ColoState.EDU>, galen@lamar.ColoState.EDU (Watts) writes:
>Hi, I have a VHF and two UHF Radius HTs that I'd like to get in to and
>maybe change freqs. I've tried the two little clips in the top of the
>battery compartment with no success. Any suggestions?
>
>Galen, KFoYJ

Which specific Radius units?

6379. Re: Any one out there own an ADI AT-200 ??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: disalvo@ix.netcom.com
Message-ID: <4c3u80$909@ixnews4.ix.netcom.com>
Source record: 208025

In <4c1ejn$f0g@daily-planet.execpc.com> tlierman@earth.execpc.com (Tim Lierman) writes:
>
>
>Did you get the frequency expansion mod to work???
>Any help would be appreciated, thanks!
>
>KB9MCT
>
>

Tim,

A friend of mine has been able to get it work using the following information.

==========

Subject: Expanded RX and TX range for the ADI AT-200

130-163.995 mHz

Date: 6 Oct 95

NOTE! The first step is the microprocessor master reset and will erase ALL memories.

1) While pressing the Function button (F), turn the radio on. Display will show all figures. Release the (F) button and it will read 145.00.

2) Turn power off.

3) Press 3 while turning power back on. Display will read 145.00 again.

4) Press F and 3. Display will read 10. Change STEP to 05 by turning dial one click.

5) Press F and 9. Display reads 00.60. We are now going to change it to 30.63 [50].

6) While pressing the F button, rotate the dial knob about 10 clicks counterclockwise until the display reads 30.60. Release the F button. Rotate the dial clockwise about 7 clicks until the display reads 30.63[50].

7) Press F and 3 and change STEP back to 10.

8) Press F and 0. Display reads 145.00.

9) Press 7. Display reads . (period)

10) Press the numbers 3 0 6 3.

11) Press *. Display reads 130.00.

12) Press F and 9. Display reads 30.63[50]. Hold the F
button and turn the dial clockwise about 10 clicks until
display reads 00.63[50].

13) Release F button. Turn dial CCW until it reads
00.60.

14) Press *. Display reads 130.00.

15) Turn the radio off and then back on again. This
restores the keyboard direct frequency entry feature.
The modification is now complete. The radio will now
receive and transmit from 130.00 to 163.995. Hint: Use
the F and Mhz buttons to make large frequency changes.

==========

This information was downloaded from ftp://ftp.qrz.com/mods

BTW (for all you law freaks who love to flame)
-It is not illegal to posses radios capable of transmitting on
frequencies you're not authorized to use, as long as you don't transmit
on them.

Sam KC8BQP -Medina, Ohio

6380. Re: Help RS HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: Wayne Jones <wjones.hgea.org>
Message-ID: <4c3ub2$6o9@hgea01.hgea.org>
Source record: 208026

"James H. Huss" <huss@cliff.cs.rl.af.mil> wrote:
>I just bought a Radio Shack HTX-202 of of the net.
>It is in new condition, however I do not have the manual.
>It is like my Icom 32AT but I cannot figure out how to
>program in the memory chanels. If anyone knows how
>and or knows where I cand get a manual please e-mail
>me directly.

Try going to your nrarest Radio Shack -- They may have the manual, and if they don't, they can order it from customer dervices. You can also het a service manual for most Radio Shack products through customer service. Both service manual and operators manual should cost in the vicinity of $15-$20.

Aloha
Wayne, NH6GJ

6381. Hallicrafters S20R info needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: gcr2@po.CWRU.Edu
Message-ID: <4c40il$3k0@madeline.INS.CWRU.Edu>
Source record: 208027

Hi I am restoring a Hallicrafters S20R and could use some help in tracking down
info on this set. I think it is 1940's vintage, is this correct? I have identified all but
one tube in the set, the audio ouput tube, one of only two glass tibes in the set is
unmarked. The only other glass tube is a type 80, a rectifier,
what is the remaining glass tube? I would
be very greatful for a copy of a schematic, alignment instructions and or a
copy of the manual, I will pay for copies if desired. Thanks George KE8YX

6382. Looking for Yaesu FRG-7 receiver mods, upgrades, etc

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: russ@gslink.net
Message-ID: <4c43ui$9m9@ddi2.digital.net>
Source record: 208028

Any info or pointers would be appreciated.

Thanks in advance,

Russ L.

6383. Re: 2 Channel Maxtrac to 16 Channel Maxtrac Conversion??????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: CConklin@softkore.com
Message-ID: <30e59855.159565795@news.sbt.net>
Source record: 208029

On 28 Dec 1995 02:42:02 -0500, scanner119@aol.com (Scanner119) wrote:

>I saw a posting on here the other day on converting a 2 channel Motorola
>Maxtrac(VHF High Band) to a 16 channel. I have access to both the
>software and hardware I need some technical advice on how to do it. I
>have

>spoke to a friend who says the hardware is only about $25 for each radio

I haven't priced it out- but the Radius M100 line (which is 99.9%
similar to Maxtrac, esp in controls and cosmetics) only needs the
faceplate replaced to expand the memory (and a trip to the
programmer). NO other hardware is changed in the radios- so if Mother
Batwings were being reasonable $25 should cover a panel with a couple
of buttons, a 2 digit LED, a couple of LEDs (Tx and Rx indicate) and a
specialized ic to run it.

GE for a while made a series of mobiles that came from the factory as
2 channel radios- if you wanted more you replaced the faceplate.
Probably why a local 2-way shop has a box with 500 of these 2 channel
panels in it!!

6384. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: charles1@netcom.com
Message-ID: <charles1DKExHC.DF2@netcom.com>
Source record: 208030

In article <4c3ckc$nsp@usenet.continental.com>,
Paul Christensen <paulc@jax.se.continental.com> wrote:
>>I used a Shure SM-58 (150 ohms) with my TS-820 and I just wired it >direct with no problems.
>
>There shouldn't be. A 150 ohm source impedance microphone can be used
>with either a low or high-Z input stage. The high-Z input stage circuits
>"bridge" the low source impedance of the microphone.
>
>-Paul, N9AZ
>

My lo-Z mic attached to hi-Z TS820 did not work well. I had to
turn up the mic knob on TS820 to almost full volume and then
it would only modulate 20% of power yelling in mic.

I installed a 50K:1K audio transformer and the problem is almost gone.
At 2/3 mic volume, normal voice, I can modulate 60% of power. Its still
not quit enough, as VOX only opens if I yell into mic. Without transformer
VOX would not open at all. Good enough though, I can live without VOX.

I believe a lo-Z mic creates a low voltage signal with fair current.
I believe a hi-Z mic creates a high voltage signal with weak current.
The transformer pumped up the low voltage signal to a high voltage
signal, but with the loss of conversion due to K of transformer.

If voltage from lo-Z mic was equal to a hi-Z mic, no transformer
would have been necessary.
Note: Lo->Hi can be ok, but Hi->Lo won't work.

6385. Re: Hallicrafters S20R info needed.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: mikeka@online-la.com
Message-ID: <mikeka-3012951233240001@206.29.14.230>
Source record: 208031

In article <4c40il$3k0@madeline.INS.CWRU.Edu>, gcr2@po.CWRU.Edu (George C. Rybicki) wrote:

> Hi I am restoring a Hallicrafters S20R and could use some help in tracking down
> info on this set. I think it is 1940's vintage, is this correct?

The Hallicrafters S20R was manufactured from 1939-45. Original price $49.95. Tube compliment is: 6SK7 rf, 6K8 converter, 2 6SK7 if, 6SQ7 det/avc/af1, 6H6 nl, 6J6 bfo, 6F6 af out, and 80 rectifier.

A good place to check for the schematic is your local library if they have the old Ryder books (similar to Sams Photofact).

Good luck ....

6386. Regency RPU402 UHF Handheld-info?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: al bolton <al@boltons.demon.co.uk>
Message-ID: <820357739snz@boltons.demon.co.uk>
Source record: 208032

Hello,

I have acquired a Regency UHF handheld (more like a housebrick with antenna!) model RPU402. It came with only a very limited amount of information. However, it does work.
Does anyone have any info on this set-it has potential as a cheap handheld or packet set.

Many thanks,

Al Bolton
OK8VSQ/G4VSQ
Caversham, UK.

6387. Wanted Yaesu FT-690R II

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-3012951335080001@ppp48.dowco.com>
Source record: 208033
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.swap

Wanted to Buy Yaesu FT-690R II 6M all mode.

Willing to Trade Yaesu FT-790R II 70cm all mode portable or sell this rig for
$750 CDN or equivalent in US$

You may repsond via E-mail allthough I am not the seller.
Buyer/Seller is Don VE7MDX phone (604)942-3278

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club VA7SM - "To boldy VHF where no ham has VHFed before"

6388. Re: Opening Moto Radius HTs??

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: Brian Kitaoka <bk104@hgea.org>
Message-ID: <4c4aeo$bov@hgea01.hgea.org>
Source record: 208034
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.equipment

1) WHAT RADIUS MODEL DO YOU HAVE.

2) CLIPS IN THE BATTERY COMPARTMENT MIGHT MEAN P-50. IF SO, PULL THE CLIPS AND THE RADIO PULLS FROM THE HOUSING BY PULLING ON THE ANTENNA.

73'S

6389. Re: Ham God born

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <4c4bbj$sit@alterdial.UU.NET>
Source record: 208035
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.packet

```
dnorris@k7no.com wrote:
>Burt Fisher <k1oik@ccsnet.com> wrote:
>
> MAC is 5% of the market |
>>#=========================================================================#
>
>That may be true, but is it the top 5% or the bottom 5%? Inquiring
>minds want to know.

The 5% that is going fast.

#===============#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt |
#===============#=========================================================#
| k1oik@ccsnet.com MAC is 5% of the market |
#=========================================================================#

Get a GIF of K1OIK by telnet://ccsnet.com and go to FREE downloads for
bf1pres.gif (hams never had such excitment!) or call 508-385-3427 and
download from file area 21 (free).
```

6390. Re: Ham God born

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: Burt Fisher <k1oik@ccsnet.com>
Message-ID: <4c4bdr$sit@alterdial.UU.NET>
Source record: 208036
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.equipment,rec.radio.amateur.packet

ka9egw@aol.com (KA9EGW) wrote:
>I'd rather see my sister in a whorehouse than my brother on a Mac...

A bit extreme, but only a bit.

```
#================#=========================================================#
| Burt Fisher | Teacher of video, broadcasting and electronics |
| Amateur call | South Dennis, Ma. (Cape Cod) |
| K1OIK | If you sit on the fence, it is a pain in the butt |
#================#=========================================================#
| k1oik@ccsnet.com MAC is 5% of the market |
#=============================================================================#
```

Get a GIF of K1OIK by telnet://ccsnet.com and go to FREE downloads for
bf1pres.gif (hams never had such excitment!) or call 508-385-3427 and
download from file area 21 (free).

6391. Re: Ameritron Amplifiers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <820360368.4371@pinetree.microserve.com>
Source record: 208037

ka9egw@aol.com (KA9EGW) wrote:

>the 811H, with 4 811's in parallel, is not a bad amp from what
>I've heard. I know of one other amplifier that uses 4 811's in
>parallel...the Collins 30L1.

Unlike the Collins, Ameritron's amp doesn't oscillate on 15M. :)

73,
Jack WB3U

6392. Re: FS: VINTAGE - GONSET G-76 HF- 6 METER TRANSCEIVER $150.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <820360974.4371@pinetree.microserve.com>
Source record: 208038

jman1173@aol.com (Jman1173) wrote:

>I HAVE A GONSET G-76 TRANSCEIVER WITH MATCHING POWER SUPPLY.
>TRANSMITTS ON(50,) (28)(,21)(14)(,7),(3.5) AM AND SSB HAS VFO OR CRYSTAL
>CONTROL, BFO, PLATE,GRID,LOAD,SPOT,DRIVE,DIAL SET,REC, TR-REC,
>HEADPHONE JACK-SPEAKER IS IN THE MATCHING POWER SUPPLY, I THINK IT TRANS.
>AT 100 WATTS. ALL TUBES LITE AND ARE ALL THERE, DONT HAVE MIKE.
>DARK BLUE IN COLOR. A GREAT 6 METER 10 METER HF AM RIG!!!
>$150. PLUS SHIPPING FROM S. FLORIDA C O D ONLY. IT IS HEAVY. 14"X12"X6"
>WITH THE SAME SIZE POWER SUPPLY

The G-76 does not transmit SSB. It is AM/CW only. The power rating is 100W input AM (about 65-70W output) and 120W input CW (about 80-90W out). The final is a single 6DQ5.

The receiver is dual conversion with a first IF at 2065 KHz and a second IF at 262 KHz.

The VFO covers 80-10M but 6M requires crystals. These units also have an internal socket for an optional crystal calibrator.

73,
Jack WB3U

6393. Re: Looking for Yaesu FRG-7 receiver mods, upgrades, etc

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: faunt@netcom3.netcom.com
Message-ID: <FAUNT.95Dec30130704@netcom3.netcom.com>
Source record: 208039

The only mods I can remeber for a FRG-7 are one to make the S-meter read properly, and a suggestion about replacing the speaker.
These were published in one of the SWL newsletters, ten or so years ago.
73, doug

6394. IC Delta 1 mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: esveg@csv.warwick.ac.uk
Message-ID: <4c4e6n$i51@holly.csv.warwick.ac.uk>
Source record: 208040

Does anyone have information on modifying the Icom IC Delta 1A (or E) -
the triple band handheld?

Any mods / information much appreciated.

Cheers

Phil

|
http://www.csv.warwick.ac.uk/~esveg/
|Philip Andrew-+- Warwick Uni.| Dept. of Engineering|esveg@csv.warwick.ac.uk |
|

6395. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <820361950.4371@pinetree.microserve.com>
Source record: 208041

charles1@netcom.com (charles copeland) wrote:

>I believe a lo-Z mic creates a low voltage signal with fair current.

Not always. Some low-Z mics have a considerable output voltage. The problem is, most of us don't know what the output voltage spec is - we only know it's labeled "low-Z."

>I believe a hi-Z mic creates a high voltage signal with weak current.
>The transformer pumped up the low voltage signal to a high voltage
>signal, but with the loss of conversion due to K of transformer.

A good audio transformer should have very little loss. This is sort of the same problem as above, only in reverse. Rigs aren't specified as to the required input voltage at the stated impedance, so there's no way to know what's required. They're all different, and your mic would probably work very well with some rigs, but not with others.

>If voltage from lo-Z mic was equal to a hi-Z mic, no transformer
>would have been necessary.

Perhaps. It's always possible that the frequency response of the mic is governed, in part, by the load.

>Note: Lo->Hi can be ok, but Hi->Lo won't work.

Again, depends on the type of microphone. A high impedance dynamic mic may be able to drive a low impedance input, but it's pot luck. You won't know for sure until you try it, and there may be frequency response problems. The latter is especially true with crystal and ceramic microphones, which should always see a high impedance load.

The best approach is to try to feed the rig with a driving impedance that's reasonably close to the specifications, and to terminate the mic with a load reasonably similar to its specs. This might not always work perfectly, but it the best chance you've got. :)

73,
Jack WB3U

6396. Re: Variable Speed Motor Control Circuit?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <820362631.4371@pinetree.microserve.com>
Source record: 208042
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew

feustel@netcom.com (David Feustel) wrote:

>I'm looking for an add-on circuit to vary the speed of cassette recorder
>motors. I want to be able to vary the speed from 2*x to x/8 where x
>is the normal cassette motor speed. All suggestions & solutions
>appreciated.

In order to double the speed, you will either need to replace the
motor or change the mechanical relationship between the motor and
capstan. While some reel/reel machines have used sleeves over
the capstan for this purpose, that may not be a viable option with a
cassette recorder due to space limitations in the cassette shell
itself. The only other options are to either install a larger motor
pulley or a larger flywheel. Neither is easy, although of the two,
having a custom motor pulley machined is the least difficult.

Once the tape speed is mechanically doubled, an adjustable voltage
regulator circuit can be used to reduce it as necessary.

This advice is offered relative to the typical DC motor-powered,
belt driven cassette mechanism. Other types, particularly direct
drive transports, those based on AC motors, or those that are
belt-drive servo-controlled, may not be readily adaptable.

73,
Jack WB3U

6397. Yasesu FT-790R II For Sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-3012951340400001@ppp48.dowco.com>
Source record: 208043
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.swap

For sale Yasesu FT-790R II 70cm all mode portable
$750 CDN or equivalent in US$
Also willing to trade this for Yaesu FT-690R II 6M all mode portable.

You may respond via e-mail but I am not the seller.
Seller is Don (VE7MDX) phone (604) 942-3278

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club VA7SM - "To boldy VHF where no ham has VHFed before"

6398. Re: Manual for ICOM IC-24AT Please!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: ve7zvz@dowco.com
Message-ID: <ve7zvz-3012951344190001@ppp48.dowco.com>
Source record: 208044
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

Thanks to all that responded and their generous offers of assistance.

I found a fellow amateur less than a mile away that has it! Who Knew!?

Happy New Year

--
Scott Leaf VE7ZVZ CN89os
ve7zvz@dowco.com
Port Coquitlam, British Columbia, Canada
Mountain DX Club VA7SM - "To boldy VHF where no ham has VHFed before"
Coming up Summer '96 DX-pedition to rare grid CO80, on 6M, 2M & 70cm

6399. Help please FT900 Noise Blanker Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: Robert Blumenkranz <radiobob@earthlink.net>
Message-ID: <30E5F5B2.7E3C@earthlink.net>
Source record: 208045

If you have done the mod or know the changes to make,
could you please give me the information. Yaesu is of
course closed for the holidays and I would like to
fix this problem if at all possible.
Thanks,
Robert Blumenkranz, Ni6r
radiobob@earthlink.net

6400. FS: Yaesu FT1000D

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: lmilrad@passport.ca
Message-ID: <4c53q3$6pn@diplomatic.passport.ca>
Source record: 208046

In imaculate out-of-the box condition, with both hand mic and MD1-C8 desk mic. and SP-5 matching speaker with audio filters.

Have manual and original cartons.

Sell for $3700 USD plus shipping.
--
Lou Milrad
(905) 737-1385
lmilrad@passport.ca

6401. AEA 232MBX for sale

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: jlondon@pacifier.com
Message-ID: <4c238b$and@news.pacifier.com>
Source record: 208103

I have an AEA 232MBX for sale with all cables, manuals and box

Asking $250 or best offer

Ben WB7QIG

internet mail : jlondon@pacifier.com

6402. Variable Bandwidth Filter QST July95

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-30 00:00:00 UTC
From: "David B. Perrin" <d_perrin@conknet.com>
Message-ID: <c1d7cb$14120.27@news.conknet.com>
Source record: 208104

Hi;
I have put together one of the variable bandwidth filters from page 30 of QST, July 95. The filter works very well I think. It will sharpen to about 50 Hz or widen out to 3 KHz. It is not a notch filter but it certainly can get quite sharp.
The filter wants both plus and minus 5 Volts. One method suggests using two zeners in series with two low value resistors and applying 12 Volts to the ends of the circuit, and grounding the junction of the two zeners. Then the article says "be sure that the common (ground) line of the filter's PC board never meets the ground for the rest of the station." Well now, the audio in and out gets "grounded" as does the 12Volt power supply negative line, so ...how does one avoid this grounding problem without using a separate isolated power supply or using a battery to supply the filter itself?
Any ideas or comments?
Thanks es 73 , Dave
Email to d_perrin@conknet.com

6403. Kenwood IF-20, RC-20 question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: pbutlalj@ia.net
Message-ID: <4c5b4g$eka@hera.ia.net>
Source record: 207955

Hello everyone,

I have the above equipment with Kenwood TM-241a and TM-441a
radios mounted in my vehicle. Does anyone know of a way to make the
system do the cross band repeat function? This would be like the current
dual band radios are able to do.

I have not seen this listed anyplace before but hopefully someone
can steer to the correct source for this information.

Thanks everyone.
--
Allan Butler KA0IES
ajbutler@ia.net

6404. ICOM 706 and automatic tuners

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: scoggin@delmarva.com
Message-ID: <4c6709$j1g@butthead.delmarva.com>
Source record: 207956

I just bought an Icom 706 yesterday, primarily for 6 meters - at least, until my Army MARS application is approved. I have a 100-ft end-fed long wire antenna here at work and will need an antenna tuner, preferably an automatic one.

The local ham radio store salesman was recommending an SGC-230 tuner, as opposed to the Icom AH-3 (they had both in stock). Does anyone have any experience (good or bad) with the SGC-230/Icom-706 combination?

Thanks!

--
+---+
| John K. Scoggin, Jr. Email: scoggin@delmarva.com |
| Supervisor, Network Operations scoggin@cis.udel.edu |
| Delmarva Power & Light Company Phone: (302) 451-5200 |
| 500 N. Wakefield Drive NOC: (800) 388-7076 |
| Newark, DE 19714-6066 Fax: (302) 451-5321 |
| Ham: N3SKO |
| Instructor, CIS Dept. |
| University of Delaware, 447 Smith Hall |
| |
| Volunteer, Delaware Emergency Management Agency |
| Officer, Delaware State Fire Police |
+---+

6405. Re: Help RS HTX-202

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: aswNS@hamp.hampshire.edu
Message-ID: <c1f7cb$82938.32@news.hampshire.edu>
Source record: 207957

On 30 Dec 1995 17:53:38 GMT Wayne Jones (wjones.hgea.org) wrote in
rec.radio.amateur.equipment:

: "James H. Huss" <huss@cliff.cs.rl.af.mil> wrote:
: >I just bought a Radio Shack HTX-202 of of the net.
: >It is in new condition, however I do not have the manual.

: Try going to your nrarest Radio Shack -- They may have the manual, and if
: they don't, they can order it from customer dervices. You can also het a
: service manual for most Radio Shack products through customer service.
: Both service manual and operators manual should cost in the vicinity of
: $15-$20.

It will be even cheaper than that -- I recently got the service manual
for the HTX-202 and it was well under $10.

73, Al N1AW
--
Al Woodhull
awoodhull@hamp.hampshire.edu
n1aw@k1mea.#wma.ma.usa.na
n1aw@ka1jy.ampr.org

6406. PS-55 schematic wanted

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: jco@convex.com
Message-ID: <4c6bea$5hr@orion.convex.com>
Source record: 207958

Does anyone have a schematic for an ICOM PS-55 that they can photocopy
and send to me?

OR, has the technology proliferated enough to ask for a digitized copy
through email?

Thanks,
John KN5L

6407. ELECTRONIC EQUIPMENT - FOR SALE

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: matthews@news.oswego.edu
Message-ID: <DKGKCC.Fv2@oswego.Oswego.EDU>
Source record: 207959

I met a lady who has a LARGE collection of electronic test equipment to disperse. I have no financial interest in this situation and only seek to provide her with an opportunity to find homes for a really fine collection of Hewlett Packard, Tektronix and many other fine name-brand equipment items. Hobbyists and Hams - ATTENTION!!!!!!

There's a B&W 500 in this pile too!

LARGE QUANTITY OF USED ELECTRONIC EQUIPMENT FOR SALE.
FOR INVENTORY LIST, PLEASE SEND S.A.S.E. TO:

PRB ELECTRONICS
P.O. BOX 1776
DALE, NY 14039

6408. Re: Austin Amateur Radio Suppy

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: jjmartin@shore.net
Message-ID: <4c6dmh$949@shore.shore.net>
Source record: 207960
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.swap

I had the opportunity to visit AARS in 1991 while attending school at Bergstrom Air Force Base in Austin. Each time I visited the store was a pleasant experience.

It is also my experience that sales people "have to be perfect" in every way for SOME hams and when or if one has a bad day/week (sales person or customer for that matter) there are those few who, either via packet or internet, paste their displeasure on the monitors of those who partake of these modes.

There are some hams who actually go way out of their way to find something wrong with a ham sales establishment and end up amplifying the little things to many times their actual importance or un-importance...and they can't wait to share their negativism with the rest of us.

We are all the sum of our experiences in life... and some of us have had a better life than others. But, just because the sales people don't stand at the door in tuxedos to greet everyone with hors d'oeuvres and free gifts and the customer's name up in lights doesn't make the place a bad place to shop. After all, if EVERYONE interpreted their visit experiences as that bad....these places wouldn't be in business for very long.

Sales people are human too...just like next guy. If one has a genuine bad experience, call the owner or manager and let that person know of the experience? ...Or, run home and blast way with your keyboard phaser?

just my two cents worth...

jim martin, wk1v
lowell, mass

My opinions are my own and do not reflect those of my employer in any way, shape, or form.

6409. CES mod 510sa patch

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: jedent@phoenix.net
Message-ID: <jedent.16.00E9B5F8@phoenix.net>
Source record: 207961

Greetings and a Happy New Year.
My brother picked up a CES model 510SA phone patch at a tail-gate. We have no info on it. Could some one help with a pinout of the ribbon cable on the back? Any other info would be helpful. By the way it's called "SMART PATCH" on the front panel.

Tnks joe K5ZCX

6410. REQ: Mods for HR2600

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: davidj@nauticom.net
Message-ID: <DKGoJL.KtK@pgh.nauticom.net>
Source record: 207962

Looking for mods specifically for the President HR-2600 10 meter
mobile rig.

Dave KN3ZAN

6411. Need 2m/440 Cross Band Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: n9mxt1@aol.com
Message-ID: <4c6jff$1jv@newsbf02.news.aol.com>
Source record: 207963

Hello,
Does anyone have a dual band 2meter and 440 radio with cross band repeat?? I want this radio!! SO, if you are selling it please give me email.

Not wanting to spend a fortune on it!!! So, please email me if you have it.

Thanks N9MXT1 - Jeffrey
N9MXT - Jeffrey

6412. TH-79A(D) Mods

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: midnight@richmond.infi.net
Message-ID: <4c6irt$ql5@news.infi.net>
Source record: 207964

Does anyone have mods for the 79 other than the mod sheet v1.5 released
by clayton wagar kd4idn, i am perticuarly interested in key pad mods.
Does anyone know ANYTHING about the "Wide Band" mod.
Please Tell Me anything about any mods that you have, worked/didn't
work. What ever, i really want to modify it and i have the facility's
but am a little weary about doing it, please tell me anything.
My email is: midnight@richmond.infi.net if you prefer that.

KF4CAG

6413. Yaesu FT-990 & PK-232MBX TNC

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: amazonut@ix.netcom.com
Message-ID: <4c6k31$50s@ixnews5.ix.netcom.com>
Source record: 207965

For Sale:

Yaesu FT-990 rig with built in power supply, Yaesu MD-1 dynamic microphone, Bencher iambic paddle, JRC ST-3 headphones and AlphaDelta Delta-2 coax switch-surge protector. $1800.00

PK-232MBX Multimode TNC with Tripp Lite PR-3A power supply and Packratt-2 software. $275.00

Arnie Galina
173 Bartlett Street #2
Brockton, MA 02401
(508) 586-0844

6414. Full-Breakin CW w/ L4B?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: flanagan@genie.com
Message-ID: <4c6lsh$oc8@rock101.genie.net>
Source record: 207966

I am considering getting a Drake L4B amp to use with my TS-940. Will the L4B handle full breakin out-of-the-box or will I need to make some keying/control mods to it?

73, Dick W6OLD

--
Dick Flanagan, W6OLD - (flanagan@genie.com) - Minden, NV

6415. Re: fs: 70 cm diplexers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: Chris Boone <72732.2610@CompuServe.COM>
Message-ID: <4c6nmeppu2@mhafn.production.compuserve.com>
Source record: 207967

Whats the model # on this item??? and is it a duplexer?

Chris
--
Senior Telecommunications Technician 72732.2610@CompuServe.com
ENTERGY/Gulf States Utilities 1:106/4267 FIDOnet
WB5ITT - Advanced Class BBS- 409-447-4267 (WBBS)
PG-9-5322 FCC Commercial 409-525-2001 PhoneMail 24hr

6416. Icom T22 AM Aircraft Rx Mod?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: charlie@netdepot.com
Message-ID: <charlie-3112951429240001@thebe02.netdepot.com>
Source record: 207968

Icom advertises that the IC-T22 can recieve AM aircraft with "a simple keypad modification." Where can I get this mod? I've looked all around the 'Net and I can't find _any_ mods for the T22. Any and all help appreciated.

6417. Need Help With Ailing TenTec Corsair(1) Rig

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: "Joe, VP2VBL" <tortola@caribsurf.com>
Message-ID: <4c6s4m$fom@col1.caribsurf.com>
Source record: 207969

Rig works OK on CW -- normal 100W out. SSB doesn't work -- no modulation from either mike or audio-in on rear panel. This means also can't work HF packet/RTTY/Amtor etc.

TenTec repair dept. says they don't know which board it is and told me to return rig to factory. That's fine, but from here, very expensive shipping. And with present load on repair dept., lenghty cycle.

Rig is ten years old, but I like it. It's a great CW rig.

Any suggestions (besides donating it to a public school in NYC)?

Have all the manuals. Repair facilities minimal personally and on this Island.

Thanks in advance. VP2VBL

6418. Looking for info: Johnson Viking Ranger

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: whittyd@nbnet.nb.ca
Message-ID: <4c6tgk$ojb@sol.sun.csd.unb.ca>
Source record: 207970

I have acquired a "mint" Viking Ranger. It seems to work great.
It gives all the output a 6146 should and the VFO is stable . It has
been a real gem on CW.

However...

I don't have a manual, schematic, or a microphone.

I would really like to find a manual and/or diagram. As well, I would
like some advice as to what would make a good choice for a mic for
this rig. I am anzious to get it on the air with my HRO 60.

Thanks much!

Don Whitty
VE9XX

whittyd@nbnet.nb.ca

6419. Location of Mods files please

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: ken@marconi.w8upd.uakron.edu
Message-ID: <4c70rv$dun@kira.cc.uakron.edu>
Source record: 207971

Can anyone tell me if there is a central location for amateur radio
mod files?

regards,

Ken Teleis, KZ3E/8
System Adminstrator
University of Akron Amateur Radio Club (W8UPD)
E-mail: Teleis@uakron.edu

6420. Re: What Ham Radio Manufaturer gives the best customer service???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: donb29@tcd.net
Message-ID: <4c71on$smm@news.tcd.net>
Source record: 207972

none of them!!!!!!

6421. Mic Element Question

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: cdorn@gpu.srv.ualberta.ca
Message-ID: <4c71q8$afm@pulp.ucs.ualberta.ca>
Source record: 207973

Hello,
I own a Drake TR7, and have the handheld Drake mic for the rig. The audio reports have been less than glowing, and the audio seems quite muddy. I get very good reports with a Turner desk mic that I have, but would like to use the handmic which at my station is more comfortable than leaning to talk into the desk mic. Could I replace the element in the mic with something else like a Heil or Shure element? I don't know much about these elements, and which would be the best overall. I don't really need the mic for DX. How much do the Heil elements go for, and would they fit into the handmic? Where is the best place to purchase the elements?
Thanks,
Chris VE6RDC

6422. Ten-Tec Paragon-software ?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: Mats Sundstr&#65533;m <mas@kuai.se>
Message-ID: <30E71215.795E@kuai.se>
Source record: 207974

Where can I get software for controlling a Ten-Tec paragon ???
Happy New Year
Mats / SM4KSM

6423. Experience with the IC-775DSP

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: edvanc29@skypoint.com
Message-ID: <4c76av$neb@stratus.skypoint.net>
Source record: 207975

Would appreciate hearing about experience with the Icom IC-775DSP.
Pros and Cons.

Ed, AA0HI

6424. Re: Full-Breakin CW w/ L4B?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <820451144.18842@pinetree.microserve.com>
Source record: 207976

flanagan@genie.com wrote:

>I am considering getting a Drake L4B amp to use with my TS-940.
>Will the L4B handle full breakin out-of-the-box or will I need to
>make some keying/control mods to it?

You'll need an electronic T/R switch. Ameritron sells a PIN diode
switch that works very well according to users I've run into on the
air. I think the model number is QSK-5.

73,
Jack WB3U

6425. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: jackl@pinetree.microserve.com
Message-ID: <820453158.18842@pinetree.microserve.com>
Source record: 207977

charles1@netcom.com (charles copeland) wrote:

>My lo-Z mic attached to hi-Z TS820 did not work well. I had to
>turn up the mic knob on TS820 to almost full volume and then
>it would only modulate 20% of power yelling in mic.
>
>I installed a 50K:1K audio transformer and the problem is almost gone.
>At 2/3 mic volume, normal voice, I can modulate 60% of power. Its still
>not quit enough, as VOX only opens if I yell into mic. Without transformer
>VOX would not open at all. Good enough though, I can live without VOX.

First, some of the confusion in this thread appears to result from the fact that impedance refers only to the *ratio* E/I. It does not refer to a specific voltage output or input, unless the manufacturer provides additional specifications.

Also, what do you mean by "60% of power"? Are you using a peak-reading wattmeter? If this is the indication you see on the rig's plate meter on peaks, you're probably achieving 100% output.

FWIW, my rig also has a "weak" VOX circuit, as did my previous transceiver. The problem is not the microphone. I proved this by temporarily connecting a crystal element to the input of the rig. The element overdrives the mic preamp with the gain control barely engaged, but it still won't trip the VOX reliably when I speak at a normal volume. In my case, the solution will be to modify the gain of the VOX (& perhaps Anti-VOX) op-amps for better sensitivity.

As a side note, my previous rig (Yaesu FT-101EE) used a FET-input mic preamp, so it was legitimately a high-impedance input. However, the schematic of my present transceiver shows a bipolar input stage with a 47K resistor in series with the Mic jack. By the time you read this, that resistor will be something closer to 1K and I'll be using a low impedance microphone. You might check your rig to see if it's similar. :)

73,
Jack WB3U

6426. Experiences with FT-1000MP?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: edvanc29@skypoint.com
Message-ID: <4c7693$neb@stratus.skypoint.net>
Source record: 207978

Would appreciate hearing about experiences with the FT-1000MP. Pros and cons.

Ed, AA0HI

6427. Kenwood TS440S Manual

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: evans@sat.net
Message-ID: <4c77bv$e3@falcon.sat.net>
Source record: 207979

I would like a photocopy of the operator's manual for the Kenwood
TS-440S ... Thank you Jeff

6428. Re: HTs for HF

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: snpcross@aol.com
Message-ID: <4c7ndu$efo@newsbf02.news.aol.com>
Source record: 207980

Hi there, my name is Shawn. I remember seeing an article on an 40 M
HT by Tokyo Hi-Power (might have been Toko but I think they make
transformers). The authur was a guy in Texas who took his HT on a 3 day
camping trip with Boy Scouts. I think it was in the September 1994 QST.
Sorry I can't give you any more info.
-Shawn
SnPCROSS@AOL.COM

6429. Re: A radio you can sit on. AM reception in your ....!

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: kwon2m@aol.com
Message-ID: <4c7ncu$ef8@newsbf02.news.aol.com>
Source record: 207981

LOL!!!! That's a GREAT story! Gee...I wonder if Radio Shack has a filter for that...

6430. Re: Is "Code Quick" any good?

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: Curt Sanders <csanders@redrose.net>
Message-ID: <4c5d84$v4t@lily.redrose.net>
Source record: 207982

I have not used it yet, but 100% of the Techs upgrading in one of the clubs I belong to all swear by it (and test results show it). I'm getting it when I have the time.

****
* "There is nothing constant but change." ï¿½ Heraclitus *
* --- *
* N3TLJ@WA3KXG.FN10RE.PA.USA.NA (Amateur Radio) *
* Reunion Users Group (genealogy) * Hershey Apple Core *
****

6431. What Ham Radio Manufaturer gives the best customer service???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: wb6siv@cyberg8t.com
Message-ID: <wb6siv-3112950020460001@host27.cyberg8t.com>
Source record: 207983

Is it Kenwood, Icom, Yaesu, Ten-Tech, or Alinco? That is the new Ham Poll
question this month at URL

http://www.csz.com/sarrio.html.

Get the results in real time. While your there check out the results of
our previous poll questions. 73's Ray

--
Visit the Raymond Sarrio Co. Ham Radio Web Sore http://www.csz.com/sarrio.html
Extensive Discount Ham Radio Catalog
Ham Poll--New poll questions asked monthly

6432. Re: ANY HAM SHOPS IN LAS VEGAS????

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: "Robert A. Kile" <midnight@accessnv.com>
Message-ID: <4c4pol$ion@bighorn.accessnv.com>
Source record: 207984

Eric,
AES has a well stcked branch store in Las Vegas. The Address is 1072
N. Rancho Dr. Las Vegas, NV. Local number is 647-3114.

73 Bob KG7D

6433. Butternut HF-5B

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: jperale
Message-ID: <4c5lpr$ku5@news-s01.ca.us.ibm.net>
Source record: 207985

Hello!
I'm interested in characteristics and perfomance of the Butternut HF-5B
"Butterfly" miniquad antenna. I will appreciate info about experiences with
that, gain, etc. I have limited space for placing a directional antenna.
Many thanks for reading this, and Happy New Year.

Juan M. Perales, EA6NP

jperale@ibm.net

6434. Re: Smoke Filled Radio

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: Kjell-Viggo Loevhaug <kjellvl@ksnet.ksedb.no>
Message-ID: <4c5sev$ono@nms.telepost.no>
Source record: 207986

"C. J. Hawley Jr." <hawley@aries.scs.uiuc.edu> wrote:

>It goes away after a month or so. If it's an old radio, you might try spraying
>windex lightly on the chassis and wiping off. The yellow comes right off and
>you'll find that the smoke oil has protected the metal underneath.
>--

If you don't have windex you may use white-spirit. It will also remove
the tar-film easily.

6435. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4c6285$hb5@usenet.continental.com>
Source record: 207987

>I believe a lo-Z mic creates a low voltage signal with fair current.
>I believe a hi-Z mic creates a high voltage signal with weak current.
>The transformer pumped up the low voltage signal to a high voltage
>signal, but with the loss of conversion due to K of transformer.

The impedance of the microphone does not in and of itself determine the output level. There are plenty of low-Z mics in the broadcast and recording industry that have unterminated output levels far in excess of some high-Z microphone elements. Professionally, I use them on a daily basis. Many older transmitters were designed with high-Z mic inputs such that relatively inexpensive crystal and ceramic mic elements could be used. This was necessary before active transformers became practical. A *good* audio transformer was and still is relatively expensive. The crystal mic element can be thought of as an AC voltage generator in series with a small capacitance; oftentimes less than 1500 pF. This capacitance, in series with the voltage generator can cause severe low frequency rolloff problems when the mic is terminated into anything less than a megohm. In fact, the crystal element should not be terminated with less than 10 megohms in order to realize its capable, wide frequency response.

Back to the issue at hand: I don't doubt that the inclusion of your transformer helped in your case, but another mechanism was likely the cause of your interfacing problem, unless by the very nature of your particular low-Z element, the output level is genuinely low. I haver never seen this to be the case though. Low-Z source impedances are routinely "bridged" by high-Z input impedances. Nearly every late-generation recording studio and broadcast studio's mixer microphone preamp stage incorporates a 1500 ohm input impedance that bridges the 150 source impedance of a dynamic, moving-coil microphone.

I strongly suspect that your transfomer in effect, did more to act as an isolation transformer between your mic element and your transceiver.

>If voltage from lo-Z mic was equal to a hi-Z mic, no transformer
>would have been necessary.
>Note: Lo->Hi can be ok, but Hi->Lo won't work.

Agreed. The later case will almost always require a preamp/impedance transformation.

-Paul, N9AZ

6436. Re: LO-Z -> HI-Z mic adapter???

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: Paul Christensen <paulc@jax.se.continental.com>
Message-ID: <4c639t$hb5@usenet.continental.com>
Source record: 207988

>The best approach is to try to feed the rig with a driving impedance
>that's reasonably close to the specifications, and to terminate the
>mic with a load reasonably similar to its specs. This might not
>always work perfectly, but it the best chance you've got. :)

Excellent Advice Jack. It's generally not necessary to achieve a perfect
audio impedance match for communications audio purposes.

As long as the mic to input amp interfacing allows for adaquate level and
the frequency response of the mic element within the audio passband does
not radically change, the absolute match shouldn't matter.

-Paul, N9AZ

6437. test, please ignore

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: jagon@lander.es
Message-ID: <4c733f$a44@mikasa.iol.it>
Source record: 207989

[No readable article body recovered]

6438. WANTED: HR2510 manual or service manual.

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: GW <gjw@efn.org>
Message-ID: <4c4tv7$ari@mars.efn.org>
Source record: 207990

I've got a 2510 that does not transmit. I suspect a switching transistor
or such. BUT I don't have a schematic. Anybody will to copy one for me?

George N7BUI

6439. WTB: Schematic for Ramsey Multitester

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: ewyspian@peganet.com
Message-ID: <4c4pn1$ghg@perseus.peganet.com>
Source record: 208047
Cross-posted to: rec.radio.amateur.equipment,sci.electronics.repair,rec.radio.swap,rec.radio.amateur.misc,misc.wanted

I am looking for a schematic or tech manual for my Ramsey Digital Multitester Model D-2100. I contacted Ramsey Electronics and they no longer stock the manual.

Please reply to ewyspian@peganet.com

Thanks.

6440. Re: FS: Yaesu FT-2500M

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: ctompkin@infi.net
Message-ID: <4c4bjm$ptv@news.infi.net>
Source record: 208048

ctompkin@infi.net (Cort Tompkins) wrote:

>Well, I won this the radio at a computer show and I really don't know much
>about this sort of thing so I'm trying to sell it. It looks kind of small and
>is probably designed for use in a car. This is what it says on the box:

Thanks for all of the replies, but the radio has already been sold.

Cort Tompkins

6441. fs:KENWOOD TH79(AD)

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4c4kq4$rhf@news.cais.com>
Source record: 208049
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Mint condition. Kenwood TH79(AD) dual band HT.
Extra battery.

$375. firm

This is a private sale but I can accept Visa, MC, or American Express.

Gene / KG7XD

ScanWare Associates
http://www.sincom.com/~scanware/index.html
email: scanware@sincom.com
BBS 360.8714228 or 360.871.4591

6442. fs:Azden 6M HTs

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4c4kq8$rhf@news.cais.com>
Source record: 208050
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Mint condition. Azden 6-Meter handheld transceivers.
Receive 46-54 MHz, Transmit 50-54 MHz

$300. (pair for $500).

This is a private sale but I can accept Visa, MC, or Americn Express.

Gene / KG7XD
ScanWare Associates
http://www.sincom.com/~scanware/index.html
email: scanware@sincom.com
BBS 360.8714228 or 360.871.4591

6443. fs: ICOM V21AT

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4c4kpj$rhf@news.cais.com>
Source record: 208051
Cross-posted to: rec.radio.swap,rec.radio.amateur.equipment

Mint condition ICOM V21AT 2mtr/220MHz HT

Extra battery included

$400.

This is a private sale but I can accept Visa, MC, or American Express.

Gene / KG7XD

ScanWare Associates
http://www.sincom.com/~scanware/index.html
email: scanware@sincom.com
BBS 360.8714228 or 360.871.4591

6444. fs:General Coverage Receivers

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4c4kpm$rhf@news.cais.com>
Source record: 208052
Cross-posted to: rec.radio.swap,alt.radio.scanner,rec.radio.amateur.equipment,rec.radio.scanner

1. Mint condition. Grundig Satellit 700.
512 Memory Channels with alphanumeric display
Selectable Sidebands for SSB reception
Clock, Timer & Alarm functions

1.6 to 30 MHz, plus LW, MW, and FM bands
$300.

2. Mint Condition. Grundig Yacht Boy 400

40 memory channels
1.6 - 30 MHz, plus LW, MW, and FM bands
Wide & Narrow bandwidth selections
SSB capable
clock, timer, & alarm functions
$175.

These are private sales but I can accept Visa, MC or American Express

Gene / KG7XD

ScanWare Associates
http://www.sincom.com/~scanware/index.html
email: scanware@sincom.com
BBS 360.8714228 or 360.871.4591

6445. fs:ICOM R-1 with full freq. coverage

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: scanware@sincom.com
Message-ID: <4c4kq1$rhf@news.cais.com>
Source record: 208053
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

Like new condition. ICOM R-1 scanner.
Complete 800 MHz band coverage...no blockage!
Extra battery and charger.

$500. firm.

This is a private sale but I can accept Visa, MC, or America Express.

Gene / KG7XD

ScanWare Associates
http://www.sincom.com/~scanware/index.html
email: scanware@sincom.com
BBS 360.8714228 or 360.871.4591

6446. FS: WINDOWS'95 CD UPGRADE $50

Newsgroup: rec.radio.amateur.equipment
Date: 1995-12-31 00:00:00 UTC
From: HWDX09A@prodigy.com
Message-ID: <4c4q4b$v5q@usenetp1.news.prodigy.com>
Source record: 208054

WINDOWS'95 UPGRADE CD AND MANUAL
==========

These are CD-ROM Upgrade kits. They are sealed Microsoft Upgrade kits with the Microsoft Certificate of Authenticity, holographic security label, etc.

They are not going to be installed on the computers they came with and are being offerd for sale. They are registerable new software from Microsoft.

The price is $ 50.00 including shipping.

Contact Bob Reed, WB2DIN, at (908) 363-2724 any time until 2300EST daily.

ROBERT REED, WB2DIN HWDX09A@prodigy.com
538 Brewers Bridge Road
Jackson, New Jersey 08527 PACKET WB2DIN@WT3V